

## Global Change Master Directory (GCMD) Data Center Keywords

SHORT\_NAME > LONG\_NAME

52N > 52 North

AAG > Association of American Geographers

ABDN/GEOG/CMCZM > Centre for Marine and Coastal Zone Management, Department of Geography, University of Aberdeen

ACB > Alliance for the Chesapeake Bay

ACCDC > Atlantic Canada Conservation Data Centre

ACCU-WEATHER

ACME > ACME Laboratories

ACS/ED > Education, American Chemical Society

AECT > African Elephant Conservation Trust

AERO-METRIC, INC. > AERO-METRIC, Inc.

AFI > Aquarius Flight Inc.

AGI/CRB > Cold Regions Bibliography, American Geological Institute

AGI/CRBP > Cold Regions Bibliography Project, American Geological Institute

AGI/ESWORLD > Earth Science World, American Geological Institute

AGI > American Geological Institute

AGI-UK/GIG > Gigateway, Association for Geographic Information, UK

AK/ACRC > Alaska Climate Research Center, Alaska

AK/ASCC > Alaska State Climate Center, Alaska

AK/DNR/ASGDC > Alaska State Geospatial Data Clearinghouse, Department of Natural Resources, Alaska

AKITA-U/MINING-C > Mining College, Akita University

AKITA-UMINING-C > Mining College, Akita University

AL/GS > Geological Survey, Alabama

ALBION/GEOL > Department of Geological Sciences, Albion College

ALTALIS > AltaLIS Ltd.

AMC > Appalachian Mountain Club

AMFOR > American Forests

AMNH/CBC > Center for Biodiversity and Conservation, American Museum of Natural History

AMNH/CREO > Committee on Recently Extinct Organisms (CREO), American Museum of Natural History

AMNH/DH > Department of Herpetology, American Museum of Natural History

AMNH/SB > Science Bulletins, American Museum of Natural History

AMS/DATASTREME > DatStreme Project, American Meteorological Society

ANDROMEDA > Andromeda Software, Inc.

ANS/PHYCOLOGY > Phycology Section, Academy of Natural Sciences

ANU/CRES > Centre for Resource and Environmental Studies, Australian National University

ANU/ICAM > Integrated Catchment Assessment and Management Centre, Australian National University

ANU/RSES > Research School of Earth Sciences, Australian National University

AOYAMA/CHEM > Chemistry Department, Aoyama Gakuin University

AQUAMEDIA > Aquamedia

AQUANIC > Aquaculture Network Information Center

AR/CDA > Centro de Datos Antarticos, Argentina

AR/CEADO > Centro Argentino de Datos Oceanograficos, Argentina

AR/CONICET/CENPAT > Centro Nacional Patagonico (CENPAT), Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Argentina

AR/CONICET/DARWINION > Instituto de Botanica Darwinion, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Argentina

AR/CREDas > Regional Satellite Data Center, CONAE, Argentina

ARG > Argray

ARQ > ARQ Internet Solutions

ASC > Alaska Science Center, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

ASF > Alaska Satellite Facility

AT/BEV > Federal Office of Metrology and Surveying, Austria

ATC > Appalachian Trail Conference

ATL/ASMFC > Atlantic States Marine Fisheries Commission

ATLSCI > Atlantis Scientific Inc. (ASI)

AU/AADC > Australian Antarctic Data Centre, Australia

AU/AFF/BRS/NRIC > National Resource Information Centre, Bureau of Rural Sciences, Agriculture, Fisheries and Forestry Department, Australia

AU/AFFA/BRS > Bureau of Rural Sciences, Department of Agriculture, Fisheries and Forestry, Australia

AU/AIMS > Australian Institute of Marine Science, Australia



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .

NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

AU/ASWA/IPSRS > IPS Radio and Space Sciences, Australian Space Weather Agency, Australia  
 AU/BOM/NSWRO > New South Wales Regional Office, Bureau of Meteorology, Australia  
 AU/BOM/NTRO > Northern Territory Regional Office, Bureau of Meteorology, Australia  
 AU/BOM/QRO > Queensland Regional Office, Bureau of Meteorology, Australia  
 AU/BOM/SARO > South Australia Regional Office, Bureau of Meteorology, Australia  
 AU/BOM/TARO > Tasmanian-Antarctica Regional Office, Bureau of Meteorology, Australia  
 AU/BOM/VRO > Victoria Regional Office, Bureau of Meteorology, Australia  
 AU/BOM/WARO > Western Australia Regional Office, Bureau of Meteorology, Australia  
 AU/BOM > Bureau of Meteorology, Australia  
 AU/CSIRO/CLW > Land and Water, Commonwealth Scientific and Industrial Research Organization, Australia  
 AU/CSIRO/CMAR > Marine and Atmospheric Research, Commonwealth Scientific and Industrial Research Organization, Australia  
 AU/CSIRO/ENTO > Entomology Department, Commonwealth Scientific and Industrial Research Organization, Australia  
 AU/CSIRO/PUB > Publishing, Commonwealth Scientific and Industrial Research Organization, Australia  
 AU/CSIRO/TRC > Division of Forestry, Tasmanian Research Center, Commonwealth Scientific and Industrial Research Organization, Australia  
 AU/DEH/ABRS > Australian Biological Resources Study, Department of Environment and Heritage, Australia  
 AU/DEH/OCEANS > National Oceans Office, Department of the Environment and Heritage, Australia  
 AU/GA > Geoscience Australia, Australia  
 AU/NLWRA > National Land and Water Resources Audit, Australia  
 AU/NSW/WWAI > Wagga Wagga Agricultural Institute, New South Wales, Australia  
 AU/NSWAG > New South Wales Agriculture, Australia  
 AU/NSWDEC > Department of Environment and Climate Change, New South Wales, Australia  
 AU/NT/PWCNT > Parks and Wildlife Commission of the Northern Territory, Northern Territory Government, Australia  
 AU/QLD/DPI/ACA > Australian Coastal Atlas, Department of Primary Industries, Queensland, Australia  
 AU/QLD/NWR > Natural Resources and Water, Queensland, Australia  
 AU/RAN/DOM/AODC > Australian Oceanographic Data Centre, Directorate of Oceanography and Meteorology, Royal Australian Navy, Australia  
 AU/RAN/HYDRO > Australian Hydrographic Service, Royal Australian Navy, Australia  
 AU/RBGDT > Royal Botanical Gardens and Domain Trust, Australia  
 AU/TPAC > Tasmanian Partnership for Advanced Computing, Australia  
 AU/UNSW/CPE > Centre for Photovoltaic Engineering, University of New South Wales, Australia  
 AUBURN/AGRON-S > Agronomy and Soils, Auburn University  
 AUBURN/ENTO-PL > Entomology and Plant Pathology, Auburn University  
 AUBURN/FORESTRY > School of Forestry, Auburn University  
 AUDUBON/BIRD/CBC > Christmas Bird Count, Bird Conservation, Audubon Society  
 AUDUBON/MA > Massachusetts Audubon Society  
 AUGSBURG/PHYS/MACCS > Magnetometer Array for Cusp and Cleft Studies, Physics Department, Augsburg College  
 AUGSBURG/PHYS > Physics Department, Augsburg College  
 AUGUSTANA/GEOL > Department of Geology, Augustana College  
 AVISO > Archiving, Validation and Interpretation of Satellite Oceanographic Data  
 AVO/KVERT > Kamchatka Volcanic Eruptions Response Team, Alaskan Volcano Observatory  
 AVSY > Avian Systems, Inc.  
 AWI > Alfred Wegener Institute for Polar and Marine Research  
 AWIS > Agricultural Weather Information Service, Inc.  
 AWS > AWS Convergence Technologies, Inc.  
 AWST > AWS Truewind  
 AXYS > AXYS Environmental Consulting Ltd.  
 AZ/GS > Geological Survey, Arizona  
 AZ-STATE/CLAS/GEOSCI/ATRG > Active Tectonics Research Group, Department of Geological Sciences, College of Liberal Arts and Sciences, Arizona State University  
 AZ-STATE/CLAS/GEOSCI/GEOPHYS > Geophysics Group, Department of Geological Sciences, College of Liberal Arts and Sciences, Arizona State University  
 AZ-STATE/SERV > Scientific and Engineering Research Visualization, Arizona State University  
 AZ-STATE/SOLS/BIO > Biology Department, School of Life Sciences, Arizona State University  
 AZ-STATE/SOLS/PL-BIO > Department of Plant Biology, School of Life Sciences, Arizona State University  
 BASC > Barrow Arctic Science Consortium  
 BASF/ARS > Agricultural Research Station, BASF Aktiengesellschaft  
 BASIC > Bay Area Shared Information Consortium  
 BASS2000 > Base de donnees Solaire Sol 2000  
 BAYLOR/CAGSR > Center for Applied Geographic and Spatial Research, Baylor University  
 BB > BiologyBase  
 BBG > Brooklyn Botanic Garden  
 BBN > BBN Technologies  
 BBSR > Bermuda Biological Station for Research



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

BCI > Bat Conservation International  
 BCO-DMO > Biological and Chemical Oceanography Data Management Office  
 BDS > British Dragonfly Society  
 BDT > Base de Datos Tropical  
 BE/BIANZO > Biodiversity of Antarctic Zoobenthos, Belgium  
 BE/BIRA/IAS > Institut d'Aeronomie Spatiale, Belgisch Instituut voor Ruimte-Aeronomie, Belgium  
 BE/RBINS/DOI > Department of Invertebrates, Royal Belgian Institute of Natural Sciences, Belgium  
 BE/RBINS/MUMM > Management Unit of the Mathematical Model of the North Sea, Royal Belgian Institute of Natural Sciences, Belgium  
 BE/RMIB > Royal Meteorologic Institute, Belgium  
 BE/VLIZ > Flanders Marine Institute, Belgium  
 BENEFIT/SADC-MFEMD > SADC Marine Fisheries and Environmental Metadata Directory, Benguela Environment Fisheries Interaction and Training  
 BGR > German Federal Institute for Geosciences and Natural Resources  
 BGS > British Geological Survey  
 BGSU/GEOL > Department of Geology, Bowling Green State University  
 BIFWMS > Bowen Island Forest and Water Management Society  
 BIGELOW > Bigelow Laboratory of Ocean Sciences  
 BIOSIS > BIOSIS  
 BLI > Birdlife International  
 BP > BP p.l.c.  
 BPES > BP Educationa Service  
 BPS > Backhuys Publishers B.V.  
 BR/INPE/DPI > Division of Image Processing, National Institute for Space Research, Brazil  
 BR/INPE/MST/DAE/FISAT > Upper Atmosphere Research, Aeronomy Division, Ministry of Science and Technology, National Institute for Space Research, Brazil  
 BR/INPE/MST/DAS > Astrophysics Division, Ministry of Science and Technology, National Institute for Space Research, Brazil  
 BR/INPE/MST/DGI > Image Generation Division, Ministry of Science and Technology, National Institute for Space Research, Brazil  
 BR/INPE/MST/DSA > Division of Environmental Satellites Ops, Ministry of Science and Technology, National Institute for Space Research, Brazil  
 BR/INPE/MST/DSR > Division of Remote Sensing, Ministry of Science and Technology, National Institute for Space Research, Brazil  
 BR/INPE/MST > Ministry of Science and Technology, National Institute for Space Research, Brazil  
 BR/MST/INPE/CPTEC > Center for Weather Forecast and Climatic Analysis, National Institute for Space Research, Ministry of Science and Technology, Brazil  
 BROWN/GEO > Department of Geological Sciences, Brown University  
 BSBI > Botanical Society of the British Isles  
 BSC > Bird Studies Canada  
 BSSBM/S-V > Springer-Verlag, BertelsmannSpringer Science+Business Media  
 BTFS > Belize Tropical Forest Studies  
 BU/ES > Department of Earth Sciences, Boston University  
 BYU/CRS/SCP > Scatterometer Climate Record Pathfinder Program, Center for Remote Sensing, Brigham Young University  
 CA/AB/ASRD > Alberta Sustainable Resource Development, Alberta Government, Canada  
 CA/AB/CD/ANHIC > Alberta Natural Heritage Information Centre, Community Development, Alberta Government, Canada  
 CA/ACZISC SECRETARIAT > Atlantic Coastal Zone Information Steering Committee Secretariat, Canada  
 CA/AGR/CANSIS > Canadian Soil Information System, Agriculture and Agri-Food, Canada  
 CA/AGR/CFIA > Canadian Food Inspection Agency, Agriculture and Agri-Food, Canada  
 CA/AGR/CLBRR > Centre for Land and Biological Resources Research, Agriculture and Agri-Food, Canada  
 CA/AGR/ECORC/SWAPSS > Soil, Water, Air and Production Systems Section, Eastern Cereal and Oilseed Research Centre, Agriculture and Agri-Food, Canada  
 CA/AGR/ECORC > Eastern Cereal and Oilseed Research Centre, Agriculture and Agri-Food, Canada  
 CA/AGR/PFRA > Prairie Farm Rehabilitation Administration, Agriculture and Agri-Food, Canada  
 CA/BC/MEM/GS > Geological Survey, Ministry of Energy and Mines, British Columbia, Canada  
 CA/BC/SRM/CDC > Conservation Data Centre, Ministry of Sustainable Resource Management, British Columbia, Canada  
 CA/BC/SRM/RMD/LISD > Land Information Services Division, Resource Management Division, Ministry of Sustainable Resource Management, British Columbia, Canada  
 CA/BC/SRM > Ministry of Sustainable Resource Management, British Columbia, Canada  
 CA/BC/TRITON > Triton Consultants Ltd., British Columbia, Canada  
 CA/CCIN > Canadian Cryospheric Information Network, Canada  
 CA/CIFFC > Canadian Interagency Forest Fire Centre, Canada  
 CA/CIM-NET > Community Information Management Network, Canada  
 CA/COMERN > Collaborative Mercury Research Network, Canada  
 CA/CSA/ST/SP > Spacecraft Payloads, Space Technologies, Canadian Space Agency, Canada  
 CA/CWF > Canadian Wildlife Federation, Canada  
 CA/DCH > Department of Canadian Heritage, Canada



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

CA/DFA > Department of Food and Agriculture, California  
 CA/DFG/HCPB > Habitat Conservation Planning Branch, Department of Fish and Game, California  
 CA/DFG/WHDAB > Wildlife and Habitat Data Analysis Branch, Department of Fish and Game, California  
 CA/DFG > Department of Fish and Game, California  
 CA/DFO/BIO > Bedford Institute of Oceanography, Fisheries and Oceans, Canada  
 CA/DFO/CHS > Canadian Hydrographic Service, Fisheries and Oceans, Canada  
 CA/DFO/IML > Maurice-Lamontagne Institute, Fisheries and Oceans, Canada  
 CA/DFO/ISDM > Integrated Science Data Management, Fisheries and Oceans, Canada  
 CA/DFO/MR/ACO > Aquaculture Coordination Office, Maritimes Region, Fisheries and Oceans, Canada  
 CA/DFO/MR/PM > Phytoplankton Monitoring, Maritimes Region, Fisheries and Oceans, Canada  
 CA/DFO/MR/SABS > St. Andrews Biological Station, Maritimes Region, Fisheries and Oceans, Canada  
 CA/DFO/MR/SB/OSD > Ocean Science Division, Science Branch, Maritimes Region, Fisheries and Oceans, Canada  
 CA/DFO/MR/SB > Science Branch, Maritimes Region, Fisheries and Oceans, Canada  
 CA/DFO/PR/SB/ > Science Branch, Pacific Region, Fisheries and Oceans, Canada  
 CA/DFO/PR/SB/IOS > Institute of Ocean Sciences, Science Branch, Pacific Region, Fisheries and Oceans, Canada  
 CA/DFO/PR/SB/OSAP > Ocean Sciences and Productivity Division, Science Branch, Pacific Region, Fisheries and Oceans, Canada  
 CA/DFO/QU > Quebec Region, Fisheries and Oceans, Canada  
 CA/DFO/STATS > Statistical Services, Department of Fisheries and Oceans, Canada  
 CA/DFO/STLAWRENCE > St. Lawrence Observatory, Fisheries and Oceans, Canada  
 CA/DFO > Fisheries and Oceans, Canada  
 CA/DFRP > Department of Forestry and Fire Protection, California  
 CA/DND/CF > Canadian Forces, Department of National Defense, Canada  
 CA/DOC/DLRP > Division of Land Resource Protection, Dept of Conservation, California  
 CA/DOC/SMGB > State Mining & Geology Board, Dept of Conservation, California  
 CA/DOT/DEA/AQ > Air Quality, Division of Environmental Analysis, Department of Transportation, California  
 CA/DWR > Department of Water Resources, California  
 CA/EC/ACAP > Atlantic Coastal Action Program, Environment Canada  
 CA/EC/ATL > Atlantic Region, Environment Canada  
 CA/EC/CCIW > Canada Centre for Inland Waters, Environment Canada  
 CA/EC/CIS > Canadian Ice Service, Environment Canada  
 CA/EC/CWS/ATL > Atlantic Region, Canadian Wildlife Service, Environment Canada  
 CA/EC/CWS/NWRC > National Wildlife Research Centre, Canadian Wildlife Service, Environment Canada  
 CA/EC/CWS > Canadian Wildlife Service, Environment Canada  
 CA/EC/ECB > Environmental Conservation Branch, Environment Canada  
 CA/EC/EMAN > Ecological Monitoring and Assessment Network, Environment Canada  
 CA/EC/EPB/ATL > Atlantic Region, Environmental Protection Branch, Environment Canada  
 CA/EC/EPB/TPD/WPS > Water Pollution Section, Toxics Prevention Division, Environmental Protection Branch, Environment Canada  
 CA/EC/EPS/PDB/NPRI > National Pollutant Release Inventory, Pollution Data Branch, Environmental Protection Service, Environment Canada  
 CA/EC/ETC/AAQD > Analysis and Air Quality Division, Environmental Technology Centre, Environment Canada  
 CA/EC/MS/AMSWD > Atmospheric Monitoring and Water Survey Directorate, Meteorological Service of Canada, Environment Canada  
 CA/EC/MS/CCRM > Climate Monitoring and Data Interpretation Division, Meteorological Service of Canada, Environment Canada  
 CA/EC/MS/CMC > Canadian Meteorological Centre, Meteorological Service of Canada, Environment Canada  
 CA/EC/MS/CRB/CCMA > Canadian Centre for Climate Modelling and Analysis, Climate Research Branch, Meteorological Service of Canada, Environment Canada  
 CA/EC/MS/CRYSYS > CRYosphere SYStem in Canada, Meteorological Service of Canada, Environment Canada  
 CA/EC/MS > Meteorological Service of Canada, Environment Canada  
 CA/EC/PYR/WSC > Water Survey of Canada, Pacific and Yukon Region, Environment Canada /  
 CA/EC/PYR > Pacific and Yukon Region, Environment Canada  
 CA/EC/WATER > National Water Issues Branch, Environment Canada  
 CA/EC/WSC > Water Survey of Canada, Environment Canada  
 CA/EC > Environment Canada  
 CA/ELECT-CAN > Elections Canada  
 CA/EPA/ARB > Air Resources Board, EPA, California  
 CA/EPA/OEHHA > Office of Environmental Health Hazard Assessments, Environmental Protection Agency, California  
 CA/IDRC > International Development Research Centre, Canada  
 CA/INAC/NAP/MPR/GD > Mining Geology Division, Mineral and Petroleum Resources, Northern Affairs Program, Indian and Northern Affairs, Canada  
 CA/INAC/NAP/MRD/MID > Mining Inspection Division, Mineral Resources Directorate, Northern Affairs Program, Indian and Northern Affairs, Canada  
 CA/INAC/NOG > Northern Oil and Gas Directorate, Indian and Northern Affairs, Canada  
 CA/INAC/WRD > Water Resources Division, Indian and Northern Affairs, Canada  
 CA/INAC > Indian and Northern Affairs, Canada  
 CA/LAC/VSA > Visual and Sound Archives Division, Library and Archives, Canada



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CA/LAC > Library and Archives, Canada  
CA/MB/AGRI/ITS > Information Technology Services, Manitoba Agriculture, Food, and Rural Initiatives, Canada  
CA/MB/MC/GEO/GEONAMES > Geographical Names Program, Geomatics and Remote Sensing, Manitoba Conservation, Canada  
CA/MB/MC/GEO/MLI > Manitoba Land Initiative, Geomatics and Remote Sensing, Manitoba Conservation, Canada  
CA/MB/MC/GEO/MRSC > Manitoba Remote Sensing Centre, Geomatics and Remote Sensing, Manitoba Conservation, Canada  
CA/MB/MC/GEO > Geomatics and Remote Sensing, Manitoba Conservation, Canada  
CA/MB/MC > Manitoba Conservation, Canada  
CA/MB/MTGS/PDB > Planning and Design Branch, Manitoba Transportation and Government Services, Manitoba, Canada  
CA/MB/WATER > Manitoba Water Stewardship, Canada  
CA/MDEP > Mojave Desert Ecosystem Program, California  
CA/MN > Canadian Museum of Nature, Canada  
CA/NAV/AERO > NAV CANADA, Aeronautical Publications  
CA/NB/DE > Department of Environment, New Brunswick, Canada  
CA/NB/DNR > Department of Natural Resources, New Brunswick, Canada  
CA/NB/ELG > Environment and Local Government, New Brunswick, Canada  
CA/NB/SNB/RMS > Registry and Mapping Services, Service New Brunswick, New Brunswick, Canada  
CA/NB/SNB > Service New Brunswick, New Brunswick, Canada  
CA/NEB > National Energy Board, Canada  
CA/NFLD/DME/GS > Geological Survey, Department of Mines and Energy, Newfoundland and Labrador, Canada  
CA/NFLD/DME/PRDD > Petroleum Resources Development Division, Department of Mines and Energy, Newfoundland and Labrador, Canada  
CA/NFLD/DME > Department of Mines and Energy, Newfoundland and Labrador, Canada  
CA/NFLD/ENV/SMD > Surveys and Mapping Division, Department of Environment and Conservation, Newfoundland and Labrador, Canada  
CA/NFLD/ENV/WRM > Water Resources Management, Environment and Conservation, Newfoundland and Labrador, Canada  
CA/NFLD/FISHAQ > Fisheries and Aquaculture, Newfoundland and Labrador, Canada  
CA/NFLD/FRA/FB > Forestry Branch, Forest Resources and Agrifoods, Newfoundland and Labrador, Canada  
CA/NFLD/FRA/SOIL > Soil and Land Management, Forest Resources and Agrifoods, Newfoundland and Labrador, Canada  
CA/NFLD/FRA > Forest Resources and Agrifoods, Newfoundland and Labrador, Canada  
CA/NFLD/GSL > Government Services and Lands, Newfoundland and Labrador, Canada  
CA/NFLD/INTRD > Department of Industry, Trade and Rural Development, Government of Newfoundland and Labrador, Canada  
CA/NFLD/MTPEARL > Planning Department, City of Mount Pearl, Newfoundland and Labrador, Canada  
CA/NFLD/PARKSDIV > Parks and Natural Areas, Newfoundland and Labrador, Canada  
CA/NFLD/STJOHNS > City of St. John's, Newfoundland and Labrador, Canada  
CA/NFLD/TCR/PAO > Provincial Archaeology Office, Tourism, Culture and Recreation, Newfoundland and Labrador, Canada  
CA/NRC/DRAO > Dominion Radio Astrophysical Observatory, National Research Council, Canada  
CA/NRC/IOT > Institute for Ocean Technology, National Research Council, Canada  
CA/NRCAN/AMD > Analysis and Modelling Division, Natural Resources Canada  
CA/NRCAN/CFS/AFC > Atlantic Forestry Centre, Canadian Forest Service, Natural Resources Canada  
CA/NRCAN/CFS/GLFC > Great Lakes Forestry Centre, Canadian Forest Service, Natural Resources Canada  
CA/NRCAN/CFS/LFC > Laurentian Forestry Centre, Canadian Forest Service, Natural Resources Canada  
CA/NRCAN/CFS/NOFC > Northern Forestry Centre, Canadian Forest Service, Natural Resources Canada  
CA/NRCAN/CFS/PFC > Pacific Forestry Centre, Canadian Forest Service, Natural Resources Canada  
CA/NRCAN/CFS > Canadian Forest Service, Natural Resources Canada  
CA/NRCAN/CLI > Canada Land Inventory, Natural Resources Canada  
CA/NRCAN/CTI > Centre for Topographic Information, Natural Resources Canada  
CA/NRCAN/CTIS > Centre for Topographic Information Sherbrooke, Natural Resources Canada  
CA/NRCAN/ESS/ADAPTATION > Climate Change Impacts and Adaptation Directorate, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/ATS > Aeronautical and Technical Services, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/CCRS/EMS > Environmental Monitoring Section, Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/CCRS/GCDP > GeoConnections Discovery Portal, Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/CCRS/GEO/ATLAS > Atlas of Canada, GeoAccess Division, Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/CCRS/GEO > GeoAccess Division, Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/CCRS > Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/GSD > Geodetic Survey Division, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/LSD/ > Legal Surveys Division, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/LSD/RG > Records Group, Legal Surveys Division, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC/MSB > Mapping Services Branch, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada  
CA/NRCAN/ESS/GC > Geomatics Canada, Earth Sciences Sector, Natural Resources Canada



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

CA/NRCAN/ESS/GSC/ATL > Geological Survey of Canada-Atlantic, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/BOOK > Bookstore, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/CAL/SMGB > Sedimentary and Marine Geoscience Branch, Geological Survey of Canada-Calgary, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/CAL > Geological Survey of Canada-Calgary, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/CGD > Continental Geosciences Division, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/EQ > Earthquakes, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/GDC > Geophysical Data Centre, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/NUN > Geological Survey of Canada-Nunavut Geoscience Office, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/PAC > Geological Survey of Canada - Pacific, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/QUE > Geological Survey of Canada-Quebec, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC/STS > Terrain Sciences Division, Geological Survey of Canada-Atlantic, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/GSC > Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS/NAPL > National Air Photo Library, Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/ESS > Earth Sciences Sector, Natural Resources Canada  
 CA/NRCAN/MMS/MMSD > Minerals and Mining Statistics Division, Minerals and Metals Sector, Natural Resources Canada  
 CA/NRCAN/MMS > Minerals and Metals Sector, Natural Resources Canada  
 CA/NRCAN/OEE > Office of Energy Efficiency, Natural Resources Canada  
 CA/NRCAN/RETSCREEN > RETScreen International Renewable Energy Decision Support Centre, Natural Resources Canada  
 CA/NS/AF/ASB > Agriculture Services Branch, Agriculture and Fisheries, Nova Scotia, Canada  
 CA/NS/AF/FAS/AD > Aquaculture Division, Fisheries and Aquaculture Services, Agriculture and Fisheries, Nova Scotia, Canada  
 CA/NS/AF/FAS/IF > Inland Fisheries, Fisheries and Aquaculture Services, Agriculture and Fisheries, Nova Scotia, Canada  
 CA/NS/AF/IDBSB/MSD > Marketing Services Division, Industry Development and Business Services Branch, Agriculture and Fisheries, Nova Scotia, Canada  
 CA/NS/EL/ROD/EMC > Environmental Monitoring and Compliance, Regional Offices Division, Environment and Labour, Nova Scotia, Canada  
 CA/NS/EL/ROD/PA > Protected Areas, Environment and Labour, Nova Scotia, Canada  
 CA/NS/MNH > Museum of Natural History, Nova Scotia, Canada  
 CA/NS/MRB > Mineral Resources Branch, Nova Scotia Department of Natural Resources, Canada  
 CA/NS/NATR/LSB/SD/GIS > GIS and Cartography Section, Surveys Division, Land Services Branch, Natural Resources, Nova Scotia, Canada  
 CA/NS/NATR/RRB/FD > Forestry Division, Renewable Resources Branch, Natural Resources, Nova Scotia, Canada  
 CA/NS/NATR/RRB/WD > Wildlife Division, Renewable Resources Branch, Natural Resources, Nova Scotia, Canada  
 CA/NS/SNSMR/RIMS/NSGC > Nova Scotia Geomatics Centre, Registry and Information Management Services, Service Nova Scotia and Municipal Relations, Nova Scotia, Canada  
 CA/NS/SRC > Sport and Recreation Commission, Nova Scotia, Canada  
 CA/NS/TPW/PD > Planning Division, Transportation and Public Works, Nova Scotia, Canada  
 CA/NWT/NTGO > Northwest Territories Geoscience Office, Government of Northwest Territories, Canada  
 CA/ON/ENE/EMRB > Environmental Monitoring and Reporting Branch, Ministry of the Environment, Ontario, Canada  
 CA/ON/MNR/NHIC > Ontario Natural Heritage Information Centre, Ministry of Natural Resources, Ontario, Canada  
 CA/ON/MNR > Ministry of Natural Resources, Ontario, Canada  
 CA/ON/OTTAWA/ITB > Information Technology Branch, Ottawa, Ontario, Canada  
 CA/ON/OTTAWA > City of Ottawa, Ontario, Canada  
 CA/ON/YORK/GEOMATICS > Geomatics Branch, York Region, Ontario, Canada  
 CA/PARKS > Parks Canada  
 CA/PEI/AF > Agriculture, Fisheries, Aquaculture, and Forestry, Prince Edward Island, Canada  
 CA/PEI/EEF > Department of Environment, Energy and Forestry, Prince Edward Island, Canada  
 CA/RA/CERES/CASIL > California Spatial Information Library, California Environmental Resources Evaluation System, Resources Agency, California  
 CA/RA/CERES > California Environmental Resources Evaluation System, Resources Agency, California  
 CA/RA/CLP > California Legacy Project, Resources Agency, California  
 CA/RA/TC > Tahoe Conservancy, Resources Agency, California  
 CA/SCCWRP > Southern California Coastal Water Research Project, California  
 CA/SK/SE/CORP/IMB > Information Management Branch, Corporate, Saskatchewan Environment, Canada  
 CA/SK/SE/EPB > Environmental Protection Branch, Saskatchewan Environment, Canada  
 CA/SK/SE/FEB > Forest Ecosystems Branch, Saskatchewan Environment, Saskatchewan, Canada  
 CA/SK/SE/FWB/SCDC > Saskatchewan Conservation Data Centre, Fish & Wildlife Branch, Saskatchewan Environment, Canada  
 CA/SSA > Salton Sea Authority, California  
 CA/STATSCAN/AG/SAGA > Spatial Analysis and Geomatics Applications, Agriculture Division, Statistics Canada  
 CA/STATSCAN/AG > Agriculture Division, Statistics Canada  
 CA/STATSCAN/AS/AB > Northern Alberta Region and Northwest Territories, Advisory Services, Statistics Canada  
 CA/STATSCAN/AS/ATL > Atlantic Region, Advisory Services, Statistics Canada  
 CA/STATSCAN/AS/MB > Manitoba Region, Advisory Services, Statistics Canada  
 CA/STATSCAN/AS/ON > Ontario Region, Advisory Services, Statistics Canada  
 CA/STATSCAN/AS/PAC-YUK > Pacific Region and Yukon Territory, Advisory Services, Statistics Canada



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 Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

CA/STATSCAN/AS/QU > Quebec Region, Advisory Services, Statistics Canada  
 CA/STATSCAN/AS/SK > Saskatchewan Region, Advisory Services, Statistics Canada  
 CA/STATSCAN/GEOG > Geography Division, Statistics Canada  
 CA/STATSCAN/REF/CAP-RGN > National Capital Region, Statistical Reference Centre, Statistics Canada  
 CABI/BIO > CABI Bioscience, CAB International  
 CALCOFI > California Cooperative Oceanic Fisheries Investigation  
 CALFLORA > Calflora  
 CALSTATE-HAYWARD/GEOL > Department of Geological Sciences, California State University, Hayward  
 CALSTATE-LA/VC > Virtual Courseware, California State University, Los Angeles  
 CALSTATE-LB/GEOG/SCWHC > Southern California Wildfire Hazard Center, Geography Department, California State University, Long Beach  
 CALSTATE-LB/GEOL > Department of Geological Sciences, California State University, Long Beach  
 CALSTATE-MB/WI/CCOWS/ECOVIZ > Ecosystem Science and Visualization, Central Coast Watershed Studies Team, Watershed Institute, California State University, Monterey Bay  
 CALTECH/GPS/TECTONICS > Tectonics Observatory, Division of Geological and Planetary Sciences, California Institute of Technology  
 CALTECH/GPS > Division of Geological and Planetary Sciences, California Institute of Technology  
 CALTECH/SCEDC > Southern California Earthquake Data Center, California Institute of Technology  
 CALTECH/SRL/ACE > Advanced Composition Explorer, Space Radiation Laboratory, California Institute of Technology  
 CAMPBELL-SCI > Campbell Scientific, Inc.  
 CAMPTOCAMP-GIS-IT > Camptocamp GIS and IT Engineering  
 CAN/BC-HYDRO > BC Hydro, Canada  
 CANADAX > Canadax Industrial Group Limited  
 CARBONPROJECT > Carbon Project  
 CARIS > Computer Aided Resource Information System  
 CARLETON/CS > Computer Science Department, Carleton College  
 CARLETON/SERC > Science Education Resource Center, Carleton College  
 CARO-COOPS > Carolinas Coastal Ocean Observing and Prediction System  
 CATHALAC > Centro del Agua del Tropic Humedo para America Latina y el Caribe  
 CBF > Chesapeake Bay Foundation  
 CBL > Collins Bartholomew Ltd.  
 CBOS > Chesapeake Bay Observing System  
 CBP > Chesapeake Bay Program  
 CCNOW > CCNow Incorporated  
 CCORS > Center for Climate/Ocean Resources Study  
 CCSP/GCRIO > US Global Change Research Information Office, Climate Change Science Program  
 CCSP > US Climate Change Science Program  
 CD > Convective Development  
 CDATRIBE > Coeur d'Alene Tribe GIS Program  
 CDS > Communications Data Services, Inc.  
 CEDARE > Centre for Environment and Development for the Arab Region and Europe  
 CEP/CAMPAM > Caribbean Marine Protected Areas Manager Database, Caribbean Environment Program  
 CERC-UK > Cambridge Environmental Research Consultants, UK  
 CERC-US > Cambridge Environmental Research Consultants, US  
 CEREGE > Centre Europeen de Recherche et d'Enseignement des Geosciences de l'Environnement (CEREGE)  
 CGIAR/ASB > Alternate Slash and Burn, Consultative Group on International Agricultural Research  
 CGIAR/ASTI > Agricultural Science and Technology Indicators, Consultative Group on International Agricultural Research  
 CGIAR/CIAT > Centro Internacional de Agricultura Tropical, Consultative Group on International Agricultural Research  
 CGIAR/CIFOR > Center for International Forestry Research, Consultative Group on International Agricultural Research  
 CGIAR/CSI > Consortium for Spatial Information, Consultative Group on International Agricultural Research  
 CGIAR/ICARDA > International Center for Agricultural Research in the Dry Areas, Consultative Group on International Agricultural Research  
 CGIAR/ICRAF/WAC > World Agroforestry Centre, International Centre for Research in Agroforestry, Consultative Group on International Agricultural Research  
 CGIAR/ICRISAT > The International Crops Research Institute for the Semi-Arid Tropics, Consultative Group on International Agricultural Research  
 CGIAR/IPGRI/BIOVERSITY > Bioversity International, International Plant Genetic Resources Institute, Consultative Group on International Agricultural Research  
 CGIAR/IWMI > International Water Management Institute, Consultative Group on International Agricultural Research  
 CGIAR/SGRP > System-wide Genetic Resources Programme, Consultative Group on International Agricultural Research  
 CH/EMPA > Swiss Federal Laboratories for Materials Testing and Research, Switzerland  
 CH/SSS > Swiss Seismological Service, Switzerland  
 CHA > Canadian Healthcare Association  
 CHANGING PLANET > Changing Planet  
 CHEVRON > Chevron Corp.



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

CHRISTINE\_GIS > Christine GIS Systems  
 CHRONOS > CHRONOS  
 CIA > Central Intelligence Agency  
 CICT/LB > Laboratoire de Bacteriologie, Centre Interuniversitaire de Calcul de Toulouse  
 CIESIN/CIKARD > Center for Indigenous Knowledge for Agriculture and Rural Development, Center for International Earth Science Information Network  
 CIESIN > Center for International Earth Science Information Network  
 CIMMYT > International Maize and Wheat Improvement Center  
 CIMSS > Cooperative Institute for Meteorological Satellite Studies (CIMSS)  
 CINECA > Interuniversity Consortium - Italy  
 CIP > International Potato Center  
 CIW/GL > Geophysical Laboratory, Carnegie Institution of Washington  
 CL/CENDHOC > Centro Nacional de Datos Hidrograficos y Oceanograficos de Chile, Chile  
 CL/INACH/CENDA > Centro Nacional de Datos Antarticos, Instituto Antartico Chileno, Chile  
 CLARKSON/CEE > Department of Civil and Environmental Engineering, Clarkson University  
 CLARK-U/CL > Clark Labs, Clark University  
 CLEMSON/AGBIOENG > Agricultural and Biological Engineering Department, Clemson University  
 CLEMSON/AGWX > Agricultural Weather Office, Clemson University  
 CLEMSON/BFSI > Baruch Forest Science Institute, Clemson University  
 CLEMSON/HORT > Horticulture Department, Clemson University  
 CLEMSON/PDREC > Pee Dee Research and Education Center, Clemson University  
 CLIMATE-CHARTS > Climate-Charts.com  
 CLIVAR VACS > Variability of the African Climate System, CLIVAR  
 CLIVAR/CCHDO > CLIVAR and Carbon Hydrographic Data Office  
 CMB > Centre for Marine Biodiversity, Canada  
 CMI > Cycloview Media Inc.  
 CMRN > Clary-Meuser Research Network  
 CMU/GEOG > Geography Department, Central Michigan University  
 CN/CAS/CRSGS > China Remote Sensing Satellite Ground Station, Chinese Academy of Sciences, China  
 CN/CASMBM > Marine Biological Museum of Chinese Academy of Sciences, China  
 CN/CERN > Chinese Ecosystem Research Network, China  
 CN/MA/CAAS > Chinese Academy of Agricultural Science, Ministry of Agriculture, China  
 CN/MAG/CAFS/YSFRI > Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences, Ministry of Agriculture, China  
 CN/MST/ISTIC > Institute of Scientific and Technical Information of China, Ministry of Science and Technology, China  
 CN/NADC > National Antarctic and Arctic Data Center, China  
 CO/CCC > Colorado Climate Center, Colorado  
 CO/FNCC/CENICAFE > Federacion Nacional de Cafeteros de Colombia, Centro Nacional de Investigaciones del Cafe  
 CO/ICN/UNAL > Instituto de Ciencias Naturales, Universidad Nacional de Colombia  
 CO/MINAMBIENTE/INVEMAR > Instituto de Investigaciones Marinas y Costeras, 'Jose Benito Vives de Andreis', Ministerio de Ambiente, Vivienda Y Desarrollo Territorial  
 CO/SOM/CWP/ > Colorado School of Mines, Center for Wave Phenomena, Colorado  
 COA/GISLAB > Geographic Information Systems Laboratory, College of the Atlantic  
 CO-C/GEOL > Geology Department, Colorado College  
 COD/NGWL > Next Generation Weather Lab, College of DuPage  
 CODEHAUS > CODEHAUS  
 COLGATE/GEOL > Geology Department, Colgate University  
 COLOSTATE/ATMOS/COCORAHS > Community Collaborative Rain, Hail and Snow Network, Department of Atmospheric Sciences, Colorado State University  
 COLOSTATE/CAS/DSCS > Department of Soil and Crop Sciences, College of Agricultural Sciences, Colorado State University  
 COLOSTATE/CIRA/CPC > CloudSat Data Processing Center, Cooperative Institute for Research in the Atmosphere, Colorado State University  
 COLOSTATE/CIRA/RAMM > Regional and Mesoscale Meteorology, Cooperative Institute for Research in the Atmosphere, Colorado State University  
 COLOSTATE/CIRA/VIEWS > Visibility Information Exchange Web System, Cooperative Institute for Research in the Atmosphere, Colorado State University  
 COLOSTATE/CNR/DG > Department of Geosciences, College of Natural Resources, Colorado State University  
 COLOSTATE/CNR > College of Natural Resources, Colorado State University  
 COLOSTATE/CRDC > Climate Rainfall Data Center, Colorado State University  
 COLOSTATE/CSMATE > Center for Science, Mathematics, and Technology Education, Colorado State University  
 COLOSTATE/NREL > Natural Resource Ecology Laboratory, Colorado State University  
 COLUMBIA/DBI > Department of Biomedical Informatics, Columbia University  
 COLUMBIA/EPIC > Electronic Publishing Initiative at Columbia, Columbia University  
 COLUMBIA/LDEO/CHRR > Center for Hazards and Risk Research, Lamont-Doherty Earth Observatory, Columbia University  
 COLUMBIA/LDEO/EESC > Department of Earth and Environmental Sciences, Lamont-Doherty Earth Observatory, Columbia University



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

COLUMBIA/LDEO/IRI/CDL > Climate Data Library, International Research Institute for Climate Prediction, Lamont-Doherty Earth Observatory, Columbia University  
 COLUMBIA/LDEO/IRI/TRL > Tree-Ring Laboratory, International Research Institute for Climate Prediction, Lamont-Doherty Earth Observatory, Columbia University  
 COLUMBIA/LDEO/MGDS > Marine Geoscience Data System, Lamont-Doherty Earth Observatory, Columbia University  
 COLUMBIA/LDEO/SEDDB > Sedimentary Geochemical Database, Lamont-Doherty Earth Observatory, Columbia University  
 COLUMBIA/LDEO > Lamont-Doherty Earth Observatory, Columbia University  
 COMTF > California Oak Mortality Task Force  
 CORAL > Coral Reef Alliance  
 CORNELL/ARM/CHLA > Albert R Mann Library, The Core Historical Literature of Agriculture (CHLA), Cornell University  
 CORNELL/BIO/EEB > Ecology and Evolutionary Biology, Department of Biology, Cornell University  
 CORNELL/CALS/DE > DEPARTMENT OF ENTOMOLOGY, COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, CORNELL UNIVERSITY  
 CORNELL/CSS > Department of Crop and Soil Sciences, Cornell University  
 CORNELL/DNBB > Department of Neurobiology and Behavior, Cornell University  
 CORNELL/EAS/ATMO > Atmospheric Science Program, Department of Earth and Atmospheric Sciences, Cornell University  
 CORNELL/INSTOC > Institute for the Study of the Continents, Cornell University  
 CORNELL/NR > Department of Natural Resources, Cornell University  
 CORNELL/PL-BIO > Department of Plant Biology, Cornell University  
 COSMOS/VDC > Virtual Data Center, Consortium of Organizations for Strong-Motion Observation Systems  
 CPC > ConocoPhillips Company  
 CRC PRESS > CRC Press  
 CRED > Centre for Research on the Epidemiology of Disasters  
 CROWNPUB > Crown Publications, Inc.  
 CSA > Cambridge Scientific Abstracts  
 CSANY/INFOSHARE > Infoshare, Community Studies Associates of NY, Inc.  
 CSUOHIO/CESTP > Center for Environmental Science, Technology and Policy, Cleveland State University  
 CT/CLIM > State Climate Center, Connecticut  
 CT/DOAG/BALS > Bureau of Aquaculture and Laboratory Service, Department of Agriculture, Connecticut  
 CT > ChartTIFF  
 CTIC > Conservation Technology Information Center  
 CTR > Crowding the Rim  
 CU-LONDON/SOI/DIS > Department of Information Sciences, School of Informatics, City University, London  
 CVAG > Coachella Valley Association of Governments  
 CVI > Canaan Valley Institute  
 CVOU-O/ISN-O > Institute for Science Networking Oldenburg GmbH, Carl von Ossietzky University of Oldenburg  
 CWAB > ChartWrite AB  
 CWM/VIMS/BIO/PE > Phytoplankton Ecology, Department of Biological Sciences, Virginia Institute of Marine Science, College of William and Mary  
 CWM/VIMS/BIO/ZE > Zooplankton Ecology Lab, Department of Biological Sciences, Virginia Institute of Marine Science, College of William and Mary  
 CWM/VIMS > Virginia Institute of Marine Science, College of William and Mary  
 CWRU/GEOLOGY > Department of Geological Sciences, Case Western Reserve University  
 CZ > Geofond  
 DALHOUSIE/BIOLOGY > Department of Biology, Dalhousie University  
 DALHOUSIE/CSOLAS > Canadian Surface Ocean Lower Atmosphere Study, Dalhousie University  
 DALHOUSIE/OCEAN > Department of Oceanography, Dalhousie University  
 DARTMOUTH/GEOG/FLOOD > Flood Observatory, Department of Geography, Dartmouth College  
 DARTMOUTH/THAYER > Thayer School of Engineering, Dartmouth College  
 DCI/DC > Discovery Channel, Discovery Communications Inc.  
 DE/BERLIN/ILR > Willkommen ILR BERLIN  
 DE/BSH/DOD > Deutsches Ozeanographisches Datenzentrum, Bundesamt Fur Seeschifffahrt Und Hydrographie, Germany  
 DE/CLIM > State Climatologist, Delaware  
 DE/DLR/DFD/EOWEB > Satellite Data Information Service, German Remote Sensing Data Center, Deutsches Fernerkundungsdatenzentrum (DFD), German Aerospace Center, Germany  
 DE/DLR/DFD/ISIS > Intelligent Satellite Data Information System, German Remote Sensing Data Center, Deutsches Fernerkundungsdatenzentrum (DFD), German Aerospace Center, Germany  
 DE/DLR/DFD > German Remote Sensing Data Center, Deutsches Fernerkundungsdatenzentrum (DFD), German Aerospace Center, Germany  
 DE/DWD/NKDZ > Nationales Klimadatenzentrum, Deutscher Wetterdienst (German Meteorological Service), Germany  
 DE/DWD > Deutscher Wetterdienst (German Meteorological Service), Germany  
 DE/FAL > Federal Agricultural Research Center, Braunschweig-Volkenroede, Germany  
 DE/FIH/GRDC > Global Runoff Data Center, Federal Institute of Hydrology, Germany  
 DE/GFZ/ISDC > Information System and Data Center, GeoForschungszentrum Potsdam, Germany  
 DE/GFZ > Geo Research Center Potsdam, Germany



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DE/GKSS/ICR > Institute for Coastal Research, GKSS Forschungszentrum GmbH Geesthacht, Germany  
 DE/GSF-PUC > GSF Research Center for Environment and Health/PUC, Germany  
 DE/MER/DKRZ > Deutsches Klimarechenzentrum GmbH, Ministry of Education and Research, Germany  
 DE/MPE/EDC > Equator-S Data Centre, Max Plank Institut fur Extraterrestrische Physik  
 DE/TERRESTRIS > Terrestris, Germany  
 DE/UFZ > Umweltforschungszentrum Leipzig (Center for Environmental Research, Leipzig), Germany  
 DE/UK/GI > Geophysikalischen Instituts (Geophysics Institute), Universitat Fridericiana Karlsruhe (University of Karlsruhe), Germany  
 DE/UK/IMK > Institut fur Meteorologie und Klimaforschung (IMK), Universitat Fridericiana Karlsruhe (University of Karlsruhe), Germany  
 DE/ZALF > Leibniz-Centre for Agricultural Landscape and Land Use Research, Germany  
 DEBIANGIS > DebianGis  
 DEFENDERS > Defenders of Wildlife  
 DEVEL-TECH > Devel-Tech Inc.  
 DHHS/AHRQ > Agency for HealthCare Research and Quality, U.S. Department of Health and Human Services  
 DHHS/CDC/ATSDR > Agency for Toxic Substances and Disease Registry, CDC, U.S. Department of Health and Human Services  
 DHHS/CDC/EPO > Epidemiology Program Office, CDC, U.S. Department of Health and Human Services  
 DHHS/CDC/EPR > Emergency Preparedness & Response, CDC, U.S. Department of Health and Human Services  
 DHHS/CDC/NCCDPHP/CDP > Chronic Disease Prevention, National Center for Chronic Disease Prevention and Health Promotion, CDC, U.S. Department of Health and Human Services  
 DHHS/CDC/NCHSTP/DHAP > Divisions of HIV/AIDS Prevention, National Center for HIV, STD and TB Prevention, CDC, U.S. Department of Health and Human Services  
 DHHS/CDC/NCID/DBMD > Division of Bacterial and Mycotic Diseases, National Center for Infectious Diseases, CDC, U.S. Department of Health and Human Services  
 DHHS/CDC/NCIDOD/FDDB/FOODNET > FoodNet, Foodborne and Diarrheal Diseases Branch, National Center for Infectious Diseases, CDC, U.S. Department of Health and Human Services  
 DHHS/CMS > Centers for Medicare & Medicaid Services, U.S. Department of Health and Human Services  
 DHHS/NIH/NIMH/RSB > Research Services Branch, National Institute of Mental Health, National Institutes of Health, U.S. Department of Health and Human Services  
 DHHS/NIH/NLM/NCBI > National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, U. S. Department of Health and Human Services  
 DHHS/NIH/NLM/SIS > Specialized Information Services, National Library of Medicine, National Institutes of Health, U. S. Department of Health and Human Services  
 DHHS > U.S. Department of Health and Human Services  
 DHI-S > DHI Software  
 DHS/CG/NRC > National Response Center, U.S. Coast Guard, U.S. Department of Homeland Security  
 DHS/FEMA/MD/HAZUS > Hazards U.S., Mitigation Division, FEMA, U.S. Department of Homeland Security  
 DHS/FEMA/MMI > Multi-Hazard Mapping Initiative, FEMA, Department of Homeland Security  
 DHS/FEMA/MSC > Map Service Center, FEMA, U.S. Department of Homeland Security  
 DHS/FEMA > Federal Emergency Management Agency, U.S. Department of Homeland Security  
 DHS > U.S. Department of Homeland Security  
 DIVA-GIS > DIVA-GIS  
 DK/DIAS/MFAF/DAE > Department of Agricultural Engineering, Ministry of Food Agriculture and Fisheries, Danish Institute of Agricultural Sciences, Denmark  
 DK/MC/CEW > Copenhagen Energy Wind, Municipality of Copenhagen, Denmark  
 DK/MFAF/DIFRES > Danish Institute for Fisheries Research, Ministry of Food, Agriculture and Fish, Denmark  
 DK/MWTC > Middelgrunden Wind Turbine Cooperative, Denmark  
 DLESE > Digital Library for Earth System Education  
 DMCII > DMC International Imaging Limited  
 DMSG > DM Solutions Group  
 DMTI > Desktop Mapping Technologies Inc.  
 DOC/BC > Bureau of Census, U.S. Department of Commerce  
 DOC/BEA > Bureau of Economic Analysis, U. S. Department of Commerce  
 DOC/NIST > National Institute of Standards and Technology, U.S. Department of Commerce  
 DOC/NOAA/CBO > NOAA Chesapeake Bay Office, U.S. Department of Commerce  
 DOC/NOAA/CLASS > Comprehensive Large Array-data Stewardship System, NOAA, U.S. Department of Commerce  
 DOC/NOAA/EDU > Education Resources, National Oceanic & Atmospheric Administration, Department of Commerce  
 DOC/NOAA/ESRL/GMD > Global Monitoring Division, Earth System Research Laboratory, NOAA, U.S. Department of Commerce  
 DOC/NOAA/GFDL/NOMADS > NOAA Geophysical Fluid Dynamics Laboratory Operational Model Archive and Distribution System, U.S. Department of Commerce  
 DOC/NOAA/GFDL > NOAA Geophysical Fluid Dynamics Laboratory, U.S. Department of Commerce  
 DOC/NOAA/GLERL > National Oceanic & Atmospheric Administration, Great Lakes Environmental Research Laboratory (GLERL)  
 DOC/NOAA/NESDIS/COARE > TOGA COARE Data Information System, NESDIS, NOAA, U.S. Department of Commerce



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOC/NOAA/NESDIS/CRW > Coral Reef Watch, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/CWP > CoastWatch Program, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/NCDC > National Climatic Data Center, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/NGDC > National Geophysical Data Center, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/NODC/COL > Coastal Ocean Laboratory, National Oceanographic Data Center, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/NODC/JASADCP > Joint Archive for Shipboard ADCP, National Oceanographic Data Center, NESDIS, NOAA, U.S. Dept. of Commerce  
 DOC/NOAA/NESDIS/NODC/LISD > Library Services Information Division, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/NODC/NCDDC > National Coastal Data Development Center, National Oceanographic Data Center, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/NODC/OCL > Ocean Climate Laboratory, National Oceanographic Data Center, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/NODC > National Oceanographic Data Center, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/NOSA > NOAA Observing Systems Architecture, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/OPDB/FPDT > Forecast Products Development Team, Operational Products Development Branch, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/ORA/LSA > Laboratory for Satellite Altimetry, Office of Research and Applications, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/ORA/LST > Land Surface Team, Office of Research and Applications, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/OSD > Office of Systems Development, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/OSDPD/IPD > Information Processing Division, Office of Satellite Data Processing and Distribution, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/OSDPD/SSD > Satellite Services Division, Office of Satellite Data Processing and Distribution, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/OSDPD > Office of Satellite Data Processing and Distribution, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/OSEI > Operational Significant Event Imagery Server, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/OSO > Office of Satellite Operations, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/SAA > Satellite Active Archive, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/STAR/SMCD > Satellite Meteorology and Climatology Division, Center for Satellite Applications and Research, NESDIS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NESDIS/STAR > Center for Satellite Applications and Research, NESDIS, NOAA, U.S. Department of Commerce  
 NOAA/NESDIS > National Environmental Satellite, Data, and Information Services, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NIC > National Ice Center, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/AFSC/NMML/APIIS > Antarctic Pack Ice Seals, National Marine Mammal Laboratory, Alaska Fisheries Science Center, NMFS, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/AFSC/NMML > National Marine Mammal Laboratory, Alaska Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/AFSC > Alaska Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/FSED > Fisheries Statistics and Economics Division, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/GALVESTON > Galveston Laboratory, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/NEFSC > Northeast Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/NERO > Northeast Regional Office, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/OST/RACD > Research Analysis & Coordination Division, Office of Science & Technology, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/OST > Office of Science & Technology, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/SEFSC/SEAMAP > SOUTHEAST AREA MONITORING AND ASSESSMENT PROGRAM (SEAMAP), SOUTHEAST FISHERIES SCIENCE CENTER, NATIONAL MARINE FISHERIES SERVICE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, U.S. DEPARTMENT OF COMMERCE  
 DOC/NOAA/NMFS/SEFSC > Southeast Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/SWFSC/PFEL > Pacific Fisheries Environmental Laboratory, Southwest Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS/SWFSC > Southwest Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NMFS > National Marine Fisheries Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/CO-OPS > Center for Operational Oceanographic Products and Services, National Ocean Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/CORIS > Coral Reef Information System, National Ocean Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/CSC/CRS > Coastal Remote Sensing Program, Coastal Services Center, National Ocean Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/CSC/LCR > Landscape Characterization and Restoration, Coastal Services Center, National Ocean Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/CSC > Coastal Services Center, National Ocean Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/MBO/SP > Special Projects, Management and Budget Office, National Ocean Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/NCCOS/CCEHBR > Center for Coastal Environmental Health and Biomolecular Research, National Centers for Coastal Ocean Science, National Ocean Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/NCCOS/CCFHR > Center for Coastal Fisheries and Habitat Research, National Centers for Coastal Ocean Science, National Ocean Service, NOAA, U.S. Department of Commerce  
 DOC/NOAA/NOS/NCCOS/CCMA > Center for Coastal Monitoring and Assessment, National Ocean Service, NOAA, U.S. Department of Commerce



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 Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

DOC/NOAA/NOS/NCCOS/CSCOR > Center for Sponsored Coastal Ocean Research, National Centers for Coastal Ocean Science, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/NCCOS/HML > Hollings Marine Laboratory, National Centers for Coastal Ocean Science, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/NCCOS > National Centers for Coastal Ocean Science, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/NGS > National Geodetic Survey, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/NMS/STELLWAGEN > Stellwagen Bank National Marine Sanctuary, National Marine Sanctuaries, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/NMS > National Marine Sanctuaries, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/OCRM/NERR > National Estuarine Research Reserve, Ocean and Coastal Resource Management, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/OCRM/NERRS/GBNERR > Great Bay National Estuarine Research Reserve, National Estuarine Research Reserve System, Office of Ocean and Coastal Resource Management, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/OCRM/NERRS/WNERR > Wells National Estuarine Research Reserve, National Estuarine Research Reserve System, Office of Ocean and Coastal Resource Management, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/OCS/CSDL/MMAP > Marine Modeling and Analysis Program, CSDL,OCS,NOS, NOAA, Department of Commerce

DOC/NOAA/NOS/OCS/HSD > Hydrographic Surveys Division, Office of Coast Survey, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/OCS/MCD > Marine Chart Division, Office of Coast Survey, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/OCS > Office of Coast Survey, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/ORCA/CMBAD > Coastal Monitoring and Bioeffects Assessment Division, ORCA, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/ORCA/SEA > Strategic Environmental Assessment Division, ORCA, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/ORR/HAZMAT > Hazardous Material Response Division, Office of Response and Restoration, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/ORR > Office of Response and Restoration, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS/SPO > Special Projects Office, National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NOS > National Ocean Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/APRFC > Alaska-Pacific River Forecast Center, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/ARH/WCATWC > West Coast and Alaska Tsunami Warning Center, Alaska Region Headquarters, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/ARH > Alaska Region Headquarters, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/BOSTON > Forecast Office Boston Massachusetts, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/CBRFC > Colorado Basin River Forecast Center, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/FSD > Sioux Falls, SD Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/ILN > Wilmington, OH Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/LA > Los Angeles/Oxnard California Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/LWX > Baltimore-Washington Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/NCEP/CPC > Climate Prediction Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/NCEP/EMC > Environmental Modeling Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/NCEP/SEC > Space Environment Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/NCEP/SPC > Storm Prediction Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/NCEP/TPC/NHC > National Hurricane Center,Tropical Prediction Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/NCEP > National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/NDBC > National Data Buoy Center, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/NOHRSC > National Operational Hydrologic Remote Sensing Center, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/OAX > Kansas City/Pleasant Hill, MO Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/OCWWS > Office of Climate, Water, and Weather Service, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/OHD > Office of Hydrologic Development, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/OST/MDL > Meteorological Development Laboratory, Office of Science and Technology, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/PRH/ITIC > International Tsunami Information Center, Pacific Region Headquarters, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/PTWC > Pacific Tsunami Warning Center, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/PUB > Pueblo,CO Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/SALTLAKE > Salt Lake City, UT Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/SFO > San Francisco Bay Area, CA Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOC/NOAA/NWS/SRH > Southern Region Headquarters, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/STL/NWAC > Northwest Weather and Avalanche Center, Seattle Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS/TLH > Tallahassee, FL Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/NWS > National Weather Service, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/AOML/HRD > Hurricane Research Division, Atlantic Oceanographic and Meteorological Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/AOML/OCD/CHAMP > Coral Health and Monitoring Program, Ocean Chemistry Division, Atlantic Oceanographic and Meteorological Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/AOML > Atlantic Oceanographic and Meteorological Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ARL/ATDD > Atmospheric Turbulence and Diffusion Division, Air Resources Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ARL/SRRB > Surface Radiation Research Branch, Air Resources Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ARL > Air Resources Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ARO > Arctic Research Office, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ESRL/GMD/CCGG > Carbon Cycle Greenhouse Gases Group, Global Monitoring Division, Earth System Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ESRL/GMD/HATS > Halocarbons and other Atmospheric Trace Species Group, Global Monitoring Division, Earth System Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ESRL/GMD > Global Monitoring Division, Earth System Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ESRL/GSD/FSL > Forecast Systems Laboratory, Global Systems Division, Earth System Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ESRL/ISB > Information Systems Division, Global Systems Division, Earth System Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ESRL/PSD/CAB > Climate Analysis Branch, Physical Sciences Division, Earth System Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ESRL/PSD/CSD > Chemical Sciences Division, Physical Sciences Division, Earth System Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/ESRL/PSD/ETL > Environmental Technology Laboratory, Physical Sciences Division, Earth System Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/GLERL > Great Lakes Environmental Research Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/MOC > Marine Operations Center, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/NSSL > National Severe Storms Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/NURP/NAGL > National Undersea Research Center for the North Atlantic and Great Lakes, NOAA's Undersea Research Program, Office of Oceanic and Atmospheric Research, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/PMEL/EPIC > EPIC, Pacific Marine Environmental Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/PMEL/NCTR > NOAA Center for Tsunami Research, Pacific Marine Environmental Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/PMEL/VENTS > VENTS, Pacific Marine Environmental Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OAR/PMEL > Pacific Marine Environmental Laboratory, OAR, NOAA, U.S. Department of Commerce

DOC/NOAA/OMAO > NOAA's Office of Marine and Aviation Operations, NOAA, U.S. Department of Commerce

DOC/NOAA/OOE > Office of Ocean Exploration, National Oceanic and Atmospheric Administration, U.S. Department of Commerce

DOC/NOAA/OPCA > Office of Public and Constituent Affairs, NOAA, U.S. Department of Commerce

DOC/NOAA > National Oceanic & Atmospheric Administration

DOC/NTIS/GRC > Government Research Center, National Technical Information Service, U. S. Department of Commerce

DOC/NTIS > National Technical Information Service, U.S. Department of Commerce

DOC > U.S. Department of Commerce

DOD/DMSO > Defense Modeling and Simulation Office, U.S. Department of Defense

DOD/DTRA > Defense Threat Reduction Agency, U.S. Department of Defense

DOD/NGA/GSD > Geospatial Sciences Division, National Geospatial-Intelligence Agency, U.S. Department of Defense

DOD/NGA > National Geospatial-Intelligence Agency, U. S. Department of Defense

DOD/SMDC/CMR > Center for Monitoring Research , U. S. Army Space and Missile Defense Command, U. S. Department of Defense

DOD/USAF/AFCCC > Air Force Combat Climatology Center, U.S. Air Force, U.S. Department of Defense

DOD/USAF/AFRL/88WS > 88th Weather Squadron , U.S. Air Force Research Laboratory, U.S. Air Force, U. S. Department of Defense

DOD/USARMY/USACE/CHL/CERC > Coastal Engineering Research Center, Coastal and Hydraulics Laboratory, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense

DOD/USARMY/USACE/CHL/FRF > Field Research Facility, Coastal and Hydraulics Laboratory, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense

DOD/USARMY/USACE/CHL > Coastal Engineering Research Center, Coastal and Hydraulics Laboratory, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense

DOD/USARMY/USACE/ERDC-CERL > Engineer Research and Development Center - Construction Engineering Research Laboratory, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOD/USARMY/USACE/GDCN > Geospatial Data Clearinghouse Node, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense  
 DOD/USARMY/USACE/HEC > Hydrologic Engineering Center, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense  
 DOD/USARMY/USACE/NAE > New England District, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense  
 DOD/USARMY/USACE/SAD/MOBILE > Mobile District, South Atlantic Division, U.S. Army Corps of Engineers, U.S. Army, U.S. Department of Defense  
 DOD/USARMY/USACE/TEC/TIO > TEC Imagery Office, Topographic Engineering Center, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense  
 DOD/USARMY/USACE/TEC > Topographic Engineering Center, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense  
 DOD/USARMY/USACE/WES > Waterways Experiment Station, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense  
 DOD/USNAVY/FNMOC/USGODAE > U.S. Global Ocean Data Assimilation Experiment, Fleet Numerical Meteorology and Oceanography Center, U.S. Navy, U.S. Department of Defense  
 DOD/USNAVY/FNMOC > Fleet Numerical Meteorology and Oceanography Center, U.S. Navy, U. S. Department of Defense  
 DOD/USNAVY/NAVOCEANO > Naval Oceanographic Office, U.S. Navy, U. S. Department of Defense  
 DOD/USNAVY/NPS > Naval Postgraduate School, U.S. Navy, U.S. Department of Defense  
 DOD/USNAVY/NRL/MRY/MMD > Marine Meteorology Division, Naval Research Laboratory, Monterey, U.S. Navy, U. S. Department of Defense  
 DOD/USNAVY/NRL/MRY > Naval Research Laboratory, Monterey, U.S. Navy, U. S. Department of Defense  
 DOD/USNAVY/NRL/PPD > Plasma Physics Division, Naval Research Laboratory, U.S. Navy, U.S. Department of Defense  
 DOD/USNAVY/NRL/RSD > Remote Sensing Division, Naval Research Laboratory, U.S. Navy, U.S. Department of Defense  
 DOD > U.S. Department of Defense  
 DOE/ANL/MCSD > Mathematics and Computer Science Division, Argonne National Laboratory, U. S. Department of Energy  
 DOE/ARM/ARCHIVE > ARM Archive, Atmospheric Radiation Measurement Program, U. S. Department of Energy  
 DOE/ARM/DQO > Data Quality Office, Atmospheric Radiation Measurement Project, U. S. Department of Energy  
 DOE/ARM/SCIENCE > Science, Atmospheric Radiation Measurement Program, U. S. Department of Energy  
 DOE/ARM > Atmospheric Radiation Measurement Project, U.S. Department of Energy  
 DOE/BNL/FACE > Free Air CO2 Enrichment Group, Brookhaven National Laboratory, U. S. Department of Energy  
 DOE/BNL > Brookhaven National Laboratory, U. S. Department of Energy  
 DOE/EIA > Energy Information Administration, U. S. Department of Energy  
 DOE/LANL/COSIM > Climate, Ocean and Sea Ice Modeling Project, Los Alamos National Laboratory, U.S. Department of Energy  
 DOE/LANL/EPT > Energetic Particle Team, Los Alamos National Laboratory, U.S. Department of Energy  
 DOE/LANL/TTD > Technology Transfer Division, Los Alamos National Laboratory, U.S. Department of Energy  
 DOE/LANL > LOS ALAMOS NATIONAL LABORATORY, DEPARTMENT OF ENERGY  
 DOE/LLNL/ASD > Atmospheric Sciences Division, Lawrence Livermore National Laboratory, U. S. Department of Energy  
 DOE/LLNL/ERD > Environmental Restoration Division, Lawrence Livermore National Laboratory, U. S. Department of Energy  
 DOE/LLNL/ICC/SDD/IMG > Information Management & Graphics Group, Services and Development Division, Integrated Computing and Communications Department, Lawrence Livermore National Laboratory, U. S. Department of Energy  
 DOE/LLNL/IPCC > Intergovernment Panel on Climate Change, Lawrence Livermore National Laboratory, U. S. Department of Energy  
 DOE/LLNL/PCMDI > Program for Climate Model Diagnosis and Intercomparison, Lawrence Livermore National Laboratory, U. S. Department of Energy  
 DOE/NREL/RREDC > Renewable Resource Data Center, National Renewable Energy Laboratory, U.S. Department of Energy  
 DOE/OCRWM/YMP > Yucca Mountain Project, Office of Civilian Radioactive Waste Management, U.S. Dept. of Energy  
 DOE/ORNL/ESD/CDIAC/AMERIFLUX > Ameriflux, Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, U. S. Department of Energy  
 DOE/ORNL/ESD/CDIAC > Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, U. S. Department of Energy  
 DOE/ORNL/ESD > Environmental Sciences Division, Oak Ridge National Laboratory, U. S. Department of Energy  
 DOE/ORNL/GIST > Geographic Information Science and Technology, Oak Ridge National Laboratory, U.S. Department of Energy  
 DOE/ORNL > Oak Ridge National Laboratory, U. S. Department of Energy  
 DOE/OS/ESG > Earth System Grid/Office of Science/U.S. Department of Energy  
 DOE/OSTI > Office of Science and Technology Information, U.S. Department of Energy  
 DOE > U.S. Department of Energy  
 DOED/VRD > Virtual Reference Desk, U.S. Department of Education  
 DO-ED > U.S. Department of Education  
 DOI/BLM/AFS > Alaska Fire Service, Bureau of Land Management, U.S. Department of the Interior  
 DOI/BLM/NILS > National Integrated Land System, Bureau of Land Management, U.S. Department of the Interior  
 DOI/BLM/NLCS > National Landscape Conservation System, Bureau of Land Management, U.S. Department of the Interior  
 DOI/BLM/OFA/NIFC > National Interagency Fire Center, Office of Fire and Aviation, Bureau of Land Management, U.S. Department of the Interior  
 DOI/BLM/ORWA/GIS > GIS, Oregon/Washington, Bureau of Land Management, U.S. Department of the Interior  
 DOI/MMS/GOMR > Gulf of Mexico Outer Continental Shelf Region, Minerals Management Service, U.S. Department of the Interior  
 DOI/MMS/POCS > Pacific OCS Region, Mineral Management Service, U. S. Department of the Interior  
 DOI/NPS/ARD > Air Resources Division, National Park Service, U.S. Department of the Interior  
 DOI/NPS/CACO > Cape Cod National Seashore, National Park Service, U.S. Department of the Interior  
 DOI/NPS/DNP > Denali National Preserve, National Park Service, U.S. Department of the Interior  
 DOI/NPS/GEOL/ED > Educational Resources, Geology Division, National Park Service, U.S. Department of the Interior



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

DOI/NPS/IM > Inventory and Monitoring Program, National Park Service, U.S. Department of the Interior  
 DOI/NPS/IMC > Interactive Mapping Center, National Park Service, U.S. Department of the Interior  
 DOI/NPS/PCA > Plant Conservation Alliance, National Park Service, U.S. Department of the Interior  
 DOI/NPS/RMNP > Rocky Mountain National Park Field Station, National Park Service, U.S. Department of the Interior  
 DOI/NPS/SKCNP > Sequoia and Kings Canyon National Park, National Park Service, U.S. Department of the Interior  
 DOI/NPS/YNP/SAC > Spatial Analysis Center, Yellowstone National Park, National Park Service, U.S. Department of the Interior  
 DOI/USFWS/AK/ITM/GIS > Geographic Information Systems, Information Technology Management, Alaska, U.S. Fish and Wildlife Service, U.S. Department of the Interior  
 DOI/USFWS/CFWO > Carlsbad, Fish and Wildlife Office, Fish and Wildlife Service, U.S. Department of the Interior  
 DOI/USFWS/FWMHR > Division of Fish and Wildlife Management and Habitat Restoration, U.S. Fish and Wildlife Service, U.S. Department of the Interior  
 DOI/USFWS/MFRO > Maryland Fisheries Resource Office, U.S. Fish and Wildlife Service, U.S. Department of the Interior  
 DOI/USFWS/NER/CSDS > Cartography and Spatial Data Services, Northeast Region, U.S. Fish & Wildlife Service, U.S. Department of the Interior  
 DOI/USFWS/NWI > National Wetlands Inventory, U.S. Fish and Wildlife Service, U.S. Department of the Interior  
 DOI/USFWS/PR/ANWR/ALASKA > Arctic National Wildlife Refuge, Pacific Region, U.S. Fish and Wildlife Service, U.S. Department of the Interior  
 DOI/USFWS/PR/DRP > Division of Refuge Planning, Pacific Region, U.S. Fish and Wildlife Service, U.S. Department of the Interior  
 DOI/USGS/ADDS > Africa Data Dissemination Service, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/ASC/GOG/AGDC > Alaska Geospatial Data Clearinghouse, Geography, AK Science Center, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/AZWSC > Arizona Water Science Center, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/ASC/BSO > Biological Science Office, Alaska Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/CBI/NBII/SAIN > Southern Appalachian Information Node, National Biological Information Infrastructure, CBI, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/CBI/NBII/WDIN > Wildlife Disease Information Node, National Biological Information Infrastructure, CBI, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/CBI > Center for Biological Informatics, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/CERC/BRAZOS > Brazos Field Research Station, Columbia Environmental Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/CERC/INFOLINK > Missouri River InfoLINK Columbia Environmental Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/CERC/PUBS > Publications, Columbia Environmental Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/CERC > Columbia Environmental Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/ER/SSP > Science Support Program, Eastern Region, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/FRESC/CRG > Corvallis Research Group, Forest and Rangeland Ecosystem Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/FRESC > Forest Rangeland Ecosystem Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/GAP > Gap Analysis Program, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/GLSC > Great Lakes Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/LSC/NARL > Northern Appalachian Research Laboratory, Leetown Science Center, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/LSC > Leetown Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/NBII/FRAMES > Fire Research And Management Exchange System, National Biological Information Infrastructure, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/NBII/MPIN > Mountain Prairie Information Node, National Biological Information Infrastructure, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/NBII/PBIN > Pacific Basin Information Node, National Biological Information Infrastructure, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/NBII/SWIN > Southwest Information Node, National Biological Information Infrastructure, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/NPWRC > Northern Prairie Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/NWHC/WNV > West Nile Virus, National Wildlife Health Center, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/NWHC > National Wildlife Health Center, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/NWRC/SDMS > Spatial Data and Metadata Server, National Wetlands Research Center, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/NWRC > National Wetlands Research Center, Biological Resources Division, USGS, U.S. Department of the Interior  
 DOI/USGS/BRD/PIERC > Pacific Island Ecosystems Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior  
 DOI/USGS/BRD/PWRC/BBL > Bird Banding Laboratory, Patuxent Wildlife Research Center, Biological Resource Division, USGS, U.S. Department of the Interior



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOI/USGS/BRD/PWRC/CWB > Colonial Waterbird, Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/BRD/PWRC/LIBRARY > Library Resources, Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/BRD/PWRC/MBR/BBS > Breeding Bird Survey, Migratory Bird Research, Patuxent Wildlife Research Center, Biological Research Division, USGS, U.S. Department of the Interior

DOI/USGS/BRD/PWRC/MBR > Migratory Bird Research, Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/BRD/PWRC/NAAMP > North American Amphibian Monitoring Program, Patuxent Wildlife Research Center, Biological Resources Division, USGS, U.S. Department of the Interior

DOI/USGS/BRD/PWRC/NABBS > North American Breeding Bird Survey, Patuxent Wildlife Research Center, Biological Resources Division, USGS, U.S. Department of the Interior

DOI/USGS/BRD/PWRC/WCO > Wildlife and Contaminants Online, Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/BRD/PWRC > Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/BRD/SBSC/CPFS/SEPIC > Southwest Exotic Plant Information Clearinghouse, Colorado Plateau Field Station, SBSC, BRD, USGS, U.S. Department of the Interior

DOI/USGS/BRD/SBSC/CPFS > Colorado Plateau Field Station, Southwest Biological Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/BRD/UMESE/DSS > Decision Support Systems, Upper Midwest Environmental Sciences Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/BRD/WERC/SNGC > Sierra Nevada Global Change Research, Western Ecological Research Center, Biological Resources Division, USGS, U.S. Department of the Interior

DOI/USGS/BRD/WERC/YNP > Yosemite National Park Field Station, Western Ecological Research Center, Biological Resources Division, USGS, U.S. Department of the Interior

DOI/USGS/BRD/WERC > Western Ecological Research Center, USGS/BRD, U.S. Department of the Interior

DOI/USGS/BRD/WRO/WFRC > Western Fisheries Research Center, Western Regional Office, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CCG > Center for Coastal Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CHESAPEAKE > Chesapeake Bay, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG/CCWS > Center for Coastal & Watershed Studies, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG/WHSC/GMIS > Gulf of Maine Information System, Woods Hole Science Center, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG/WHSC/MRIB > Marine Realms Information Bank, Woods Hole Science Center, Coastal and Marine Geology, USGS, U.S. Department of the Interior

DOI/USGS/CMG/WHSC/MS/GLORIA > GLORIA Mapping Program, Map Server, Woods Hole Science Center, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG/WHSC > Woods Hole Science Center, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG/WRCMG/IB > InfoBank, Western Region CMG, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG/WRCMG/MBMS > Monterey Bay National Marine Sanctuary, Western Region CMG, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG/WRCMG/NAMSS > National Archive of Marine Seismic Surveys, Western Region CMG, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG/WRCMG/SDLS > Antarctic Seismic Data Library System, Western Region CMG, Coastal and Marine Geology, USGS, U.S. Department of the Interior

DOI/USGS/CMG/WRCMG > Western Region CMG, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/CMG > Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/ED > Education Department, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/ENERGY/CR/CET/NPRA > National Petroleum Reserve, Alaska, Central Energy Team, Central Region, Energy Team, U. S. Geological Survey, U.S. Department of the Interior

DOI/USGS/ENERGY/CR/CET > Central Energy Team, Central Region, Energy Team, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/ENERGY/ER/EERT > Eastern Energy Resources Team, Eastern Region, Energy Team, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/EROS/GISDATA > GISDATA Map Studio, Earth Resources Observation Systems Data Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/EROS > Center for Earth Resources Observation and Science, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/FICS/CARS/NAS > Nonindigenous Aquatic Species, Center for Aquatic Resource Studies, Florida Integrated Science Center, USGS, U.S. Department of the Interior

DOI/USGS/FISC/CARS > Center for Aquatic Resource Studies, Florida Integrated Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/FISC/SOFIA > South Florida Information Access, Florida Integrated Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/ > Geology Division, U.S. Geological Survey, U.S. Department of the Interior



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOI/USGS/GD/ARP/ISIS > Integrated Software for Imagers and Spectrometers, Astrogeology Research Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/ARP/PIGWAD > Planetary Interactive G.I.S.-on-the-Web Analyzable Database, Astrogeology Research Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/ARP > Astrogeology Research Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/CR/BRR > Branch of Regional Research, Central Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/CR/CRC > Core Research Center, Central Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/CR/ESP > Earth Surface Processes Team, Central Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/CR/GHT > Geologic Hazards Team, Central Region, Geology Division, USGS, U.S. Department of the Interior

DOI/USGS/GD/CR/SL > Spectroscopy Lab, Central Region, Geology Division, USGS, U.S. Department of the Interior

DOI/USGS/GD/EHP/ANSS > Advanced National Seismic System, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/EHP/EQC > Earthquake Center, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/EHP/ERP > External Research Programs, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/EHP/H&P > Hazards & Preparedness, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/EHP/N-CA > Northern California, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/EHP/NEIC > National Earthquake Information Center, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/EHP/S-CA > Southern California, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/EHP > Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/ER/EESPT > Eastern Earth Surface Processes Team, Eastern Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/FM > Formal Metadata, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/GCRP/PUBS > Publications and Data, Global Change Research Program, Eastern Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/GCRP > Global Change Research Program, Eastern Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/LHP/ > Landslides Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/LHP/NLIC > National Landslide Information Center, Landslides Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/MENLO PARK > USGS, Geology Division, Menlo Park, CA, U.S. Department of the Interior

DOI/USGS/GD/MRP/SP > Spatial Data, Mineral Resource Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/MRP > Mineral Resource Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/MT > Metadata Tools, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/NGMDB > National Geologic Map Database, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/NGP > National Geomagnetism Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/PUBS/CR > Central Region, Publications, Geology Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/PUBS/WR/GEOPUBS > Publications-Western Region, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/VHP/CVO > Cascades Volcano Observatory, Volcano Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/VHP > Volcano Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/WMR/AK > Western Mineral Resources - Alaska, Geologic Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/WMR/WRDIA > Western Region Databases and Information Analysis, Western Mineral Resources, Geologic Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/WMR > Western Mineral Resources, Geologic Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GD/WR/ESP > Earth Surface Processes, Western Region, Geology Division, USGS, U. S. Department of the Interior

DOI/USGS/GEOG/CAS > Cartographic Applications Software, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/GAM > Geographic Analysis and Monitoring System, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/GNIS > Geographic Names Information System, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/MCMC/NHD > National Hydrography Dataset, Spatial Data Transfer Standard Info Ste, Mid-Continent Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/MCMC/SDTS > Spatial Data Transfer Standard Info Ste, Mid-Continent Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/MCMC/TOPO > Topographic Maps, Mid-Continent Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/MCMC > Mid-Continent Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/NSDI/GEOSCI > Geoscience Data Catalog, National Spatial Data Infrastructure, U.S. Geological Survey, Geography Division, U.S. Department of the Interior

DOI/USGS/GEOG/PUBS/FS > Fact Sheets, Publications, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/RMMC > Rocky Mountain Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOI/USGS/GEOG/WRG/MOJAVE > Mojave Desert, Western Region Geography, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/GEOG/WRG > Western Region Geography, Geography Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/NATIONAL ATLAS > National Atlas, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/NGPO > National Geospatial Programs Office, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/NHVWSC > New Hampshire-Vermont Water Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/NMWSC > New Mexico Water Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/NPO > National Program Office, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/NRMSC/GNPF > Glacier National Park Field Station, Northern Rocky Mountain Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/NRMSC > Northern Rocky Mountain Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/NYWSC > New York Water Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/OWSC > Oregon Water Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/PAWSC > Pennsylvania Water Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/PHOTO-LIB/ES > Earth Science, Photo Library, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/PUBS/ER/PW/DDS > Digital Data Series, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/PUBS/ER/PW/FS > Fact Sheets, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/PUBS/ER/PW/MAPS/I-MAPS > Geologic Investigations Series, Maps, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/PUBS/ER/PW/OFS > Open File Services Section, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/PUBS/ER/PW/PP > Professional Papers, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/PUBS/PW > Publications Warehouse, Publications, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/USARC > United States Antarctic Resource Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WIWSC > Wisconsin Water Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WNVN > West Nile Virus Maps, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/CAPP > Cartography and Publishing Program, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/GA/CR > Chattahoochee River, Water Resources Division, Georgia, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/GA/ED > Education, Water Resources Division, Georgia, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/GIS > Water Resources Maps and GIS Information, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/NAWQA/ACF > Apalachicola-Chattahoochee-Flint, National Water Quality Assessment Program, Water Resources Discipline, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/NAWQA/POTOMAC > Potomac River, National Water Quality Assessment Program, Water Resources Discipline, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/NAWQA/TRACE > National Analysis of Trace Elements, National Water Quality Assessment Program, Water Resources Discipline, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/NAWQA > National Water Quality Assessment Program, Water Resources Discipline, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/NJ > Water Resources Division, New Jersey, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/NWIS > National Water Information System, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/NY > Water Resources Division, New York, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/OGW > Office of Ground Water, Water Resource Division, USGS, U.S. Department of the Interior

DOI/USGS/WRD/OR > Water Resource Division, Oregon, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/OSW > Office of Surface Water, Water Resource Division, USGS, U.S. Department of the Interior

DOI/USGS/WRD/PUB/OFR > Open-File Reports, Publications, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/SW/GW > Ground Water, Software, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/TN > Water Resources Division, Tennessee, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WRD/VA > Water Resources Division, Virginia, U.S. Geological Survey, U.S. Department of the Interior

DOI/USGS/WVWSC > West Virginia Water Science Center, U.S. Geological Survey, U.S. Department of the Interior

DOI > U.S. Department of the Interior

DOI > USGS > WRD > USGS NMWSC > US Geological Survey, New Mexico Water Science Center

DOS/USAID/CARPE > Central African Regional Program for the Environment, United States Agency for International Development, U.S. Department of State

DOS > U.S. Department of State

DOT/BTS > Bureau of Transportation Statistics, U.S. Department of Transportation

DOT/FAA/NCAO > National Aeronautical Charting Office, Federal Aviation Agency, U.S. Department of Transportation

DOT > DOT/PHMSA > Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation

DOT > U.S. Department of Transportation

DRI/DEES > Division of Earth and Ecosystem Sciences, Desert Research Institute



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0



EPA/ERD/WWQTSC > Watershed and Water Quality Modeling Technical Support Center, Ecosystems Research Division, U.S. Environmental Protection Agency

EPA/GEOSS > Global Earth Observation System of Systems, U.S. Environmental Protection Agency

EPA/GLNPO > Great Lakes National Program Office, U.S. Environmental Protection Agency

EPA/GMPO > Gulf of Mexico Program Office, U.S. Environmental Protection Agency

EPA/MAIA > Mid-Atlantic Integrated Assessment, U.S. Environmental Protection Agency

EPA/NE/LISO > Long Island Sound Office, New England, U.S. Environmental Protection Agency

EPA/NERL/ERD > Ecosystems Research Division, National Exposure Research Laboratory, U.S. Environmental Protection Agency

EPA/NGP > National Geospatial Program, U.S. Environmental Protection Agency

EPA/NRMRL/GWERC/CSMOS > Subsurface Modeling Support, Groundwater and Ecosystems Restoration Division, Risk Management, U.S. Environmental Protection Agency

EPA/NSDI > National Geospatial Data Clearinghouse, U.S. Environmental Protection Agency

EPA/OAR/IED > Indoor Environments Division, Office of Air and Radiation, U.S. Environmental Protection Agency

EPA/OAR/OAQPS/AAQMP > Ambient Air Quality Monitoring Program, Air Quality Planning and Standards, Office of Air and Radiation, U.S. Environmental Protection Agency

EPA/OAR/OAQPS > Office of Air Quality Planning and Standards, Office of Air and Radiation, U.S. Environmental Protection Agency

EPA/OAR > Office of Air and Radiation, U.S. Environmental Protection Agency

EPA/OPEI > Office of Policy, Economics, and Innovation, U.S. Environmental Protection Agency

EPA/OPP > Office of Pesticide Programs, U.S. Environmental Protection Agency

EPA/OPPT/EATM > Exposure Assessment Tools and Models, Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency

EPA/OPPT > Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency

EPA/ORD/NCEA > National Center for Environmental Assessment, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD/NERL/CREM > Council for Regulatory Environmental Modeling, National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD/NERL/ESD > Environmental Sciences Division, National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD/NERL/HEDS > Human Exposure Database System, National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD/NERL/UV-N > UV-Net, National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD/NERL > National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD/NHEERL/WED > Western Ecology Division, National Health and Environmental Effects Research Laboratory, U.S. Environmental Protection Agency

EPA/ORD/NHEERL > National Health and Environmental Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD/NHERRL/AED > Atlantic Ecology Division, National Health and Environmental Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD/NHERRL/GED > Gulf Ecology Division, National Health and Environmental Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORD > Office of Research and Development, U.S. Environmental Protection Agency

EPA/ORP > Office of Radiation Programs, U.S. Environmental Protection Agency

EPA/ORSEARTH > U.S. Mexico Environmental Health, U.S. Environmental Protection Agency

EPA/OSWER > Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency

EPA/OTAQ > Office of Transportation and Air Quality, U.S. Environmental Protection Agency

EPA/OW/OGWDW/KS > Office of GroundKids' Stuff, Water and Drinking Water, Office of Water, U.S. Environmental Protection Agency

EPA/OW/OGWDW > Office of Ground Water and Drinking Water, Office of Water, U.S. Environmental Protection Agency

EPA/OW/OWOW/MAWQ > Monitoring and Assessing Water Quality, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency

EPA/OW/OWOW/OCE/NEP/BBNEP > Buzzards Bay National Estuary Program, National Estuary Program, Oceans, Coasts and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency

EPA/OW/OWOW/OCE/NEP/CBEP > Casco Bay Estuary Partnership, National Estuary Program, Oceans, Coasts and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency

EPA/OW/OWOW/OCE/NEP/NBEP > Narragansett Bay Estuary Program, National Estuary Program, Oceans, Coasts and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency

EPA/OW/OWOW/OCE/NEP > National Estuary Program, Oceans, Coasts, and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency

EPA/OW/OWOW/OCE > Oceans, Coasts, and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency

EPA/OW/OWOW > Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency

EPA/OW/WS/BWP > Beach Watch Program, Water Science, Office of Water, U.S. Environmental Protection Agency

EPA/OW/WS/FISH > Fish Advisories, Water Science, Office of Water, U.S. Environmental Protection Agency

EPA/OW/WS/WQT/WQM > Models, Water Quality Tools, Water Science, Office of Water, U.S. Environmental Protection Agency

EPA/OW/WS/WQT > Water Quality Tools, Water Science, Office of Water, U.S. Environmental Protection Agency



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

EPA/OW > Office of Water, U.S. Environmental Protection Agency  
 EPA/PNW > Pacific Northwest, U.S. Environmental Protection Agency  
 EPA/SEAHOME > Software for Environmental Awareness, U.S. Environmental Protection Agency  
 EPA/SUPERFUND > Superfund, U.S. Environmental Protection Agency  
 EPA/TRI > Toxics Release Inventory, U.S. Environmental Protection Agency  
 EPA/TTN/AMTIC > Ambient Monitoring Technology Information Center, Technology Transfer Network, U.S. Environmental Protection Agency  
 EPA/TTN/CHIEF > Clearinghouse for Inventories and Emission Factors, Technology Transfer Network, U.S. Environmental Protection Agency  
 EPA/TTN/EFIG > Emission Factor and Inventory Group, Technology Transfer Network, U.S. Environmental Protection Agency  
 EPA/TTN/SCRAM > Support Center for Regulatory Air Models, Technology Transfer Network, U.S. Environmental Protection Agency  
 EPA > U.S. Environmental Protection Agency  
 EPRI > Electric Power Research Institute  
 ER/MAGIC > Magnetism Information Consortium, EarthRef  
 ER > EarthRef  
 ERA MAPTEC LTD >  
 ERIDAN-1 > Eridan-1 Ltd.  
 ERIM/SST > Sustainment Sciences and Technologies, Environmental Research Institute of Michigan  
 ERIN > Environmental Consulting Specialists  
 ES/CDIT > Conselleria D'Infraestructures I Transport, Spain  
 ES/CPE/CNDA > Centro Nacional de Datos Antarticos, National Antarctic Data Centre, Comite Polar Espanol, Spain  
 ES/CSIC/ICM > Institut de Ciencies del Mar, Consejo Superior de Investigaciones Cientificas, Espana  
 ES/CSIC/MNCN/DBB > Departamento de Biodiversidad y Biologia Evolutiva, Museo Nacional de Ciencias Naturales, Consejo Superior de Investigaciones Cientificas, Espana  
 ES/CSIC/MNCN > Museo Nacional de Ciencias Naturales, Consejo Superior de Investigaciones Cientificas, Espana  
 ES/CSIC/RJB > Royal Jardin Botanico, Consejo Superior de Investigaciones Cientificas, Espana  
 ES/CSIC/UTM > Unidad de Tecnologia Marina, Consejo Superior de Investigaciones Cientificas, Espana  
 ES/IGN/CNIG > Centro Nacional de Informacion Geografica, Instituto Geografico Nacional, Spain  
 ES/MDE/INTA > Instituto Nacional de Tecnica Aeroespacial, Ministerio de Defensa, Spain  
 ES/MDE/SGE > Servicio Geografico del Ejercito, Ministerio de Defensa, Spain  
 ES/MMA/INM > Instituto Nacional de Meteorologia, Ministerio de Medio Ambiente, Spain  
 ES/SAIG > Sistemas Abiertos de Informacion Geografica, Spain  
 ES > EarthScope  
 ESA/CSDS > Cluster Science Data System, European Space Agency  
 ESA/ED > Educational Office, Ecological Society of America  
 ESA/ESOC > European Space Operations Centre, European Space Agency  
 ESA/ESRIN/ODISSEO > Open Distributed Information Services for Earth Observation, ESRIN Earth Observation, European Space Agency  
 ESA/ESRIN > ESRIN Earth Observation, European Space Agency  
 ESA/MIRAVI > Meris Image Rapid Visualization, European Space Agency  
 ESA/UDS > Ulysses Data System, European Space Agency  
 ESC > Earth System Curator  
 ESR > Earth and Space Research  
 ESRI > Environmental Systems Research Institute, Inc.  
 ESRI-CANADA > Environmental Systems Research Institute, Inc. - Canada  
 ESRI-SWEDEN > Environmental Systems Research Institute, Inc. - Sweden  
 ESRI-THAILAND > Environmental Systems Research Institute, Thailand Co., LTD  
 ESS > Ecological Software Solutions  
 ESSEA > Earth System Science Education Alliance  
 ESTI > Envision Sustainability Tools Inc.  
 ET/ASG > Atmospheric Studies Group, Earth Tech  
 ET > Europa Technologies, Ltd  
 ETH-Z/WRMC/BSRN > Baseline Surface Radiation Network, World Radiation Monitoring Center, Swiss Federal Institute of Technology Zurich  
 ETI > Expert Center for Taxonomic Identification  
 ETIISL > ETI Information Services Ltd.  
 EU/FAUNAEUR > Fauna Europaea, European Union  
 EU/GEOMON > Global Earth Observation and Monitoring of the Atmosphere, European Union  
 EU/JRC/IES/EUSOILS > Soil and Waste Management Unit, Institute for Environment and Sustainability, Joint Research Center, European Union  
 EU/JRC/IES/GEM > Global Environmental Monitoring (GEM) Unit, Institute for Environment and Sustainability, Joint Research Center, European Union  
 EU/JRC/IES/GVM > Global Vegetation Monitoring Unit, Institute for Environment and Sustainability, Joint Research Center, European Union  
 EU/JRC/IES/LMU/INFONEST > Infonest, Land Management Unit, Institute for Environment and Sustainability, Joint Research Center, European Union  
 EU/JRC/INSPIRE > Infrastructure for Spatial Information in Europe, Joint Research Center, European Union  
 EU/JRC/REU > Renewable Energies Unit, Joint Research Center, European Union  
 EU/JRC/SAI > Space Applications Institute, Joint Research Center, European Union



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.  
 Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau,  
 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

EU/SEANET > SeaNet, European Union  
 EUMETSAT/CMSAF > Satellite Application Facility on Climate Monitoring, European Organisation for the Exploitation of Meteorological Satellites  
 EUMETSAT/OCEANSAT > Satellite Application Facility on Ocean and Sea ice, European Organisation for the Exploitation of Meteorological Satellites  
 EUMETSAT > European Meteorological Satellite Organisation  
 EURIMAGE > Eurimage S.p.a.  
 EVERGREEN/ALAS > Arthropods of La Selva Data Archive, Evergreen State College  
 EVERGREEN/MCFP > Monteverde Cloud Forest Preserve Archive, Evergreen State College  
 EWG > Environmental Working Group  
 EWU/CSHE > College of Science, Health and Engineering, Eastern Washington University  
 EXP > Exploratorium  
 FAU/IFG > Institut fuer Geologie, Freidrich Alexander University  
 FB > Fourmilab  
 FEWS-NET > Famine Early Warning Systems Network  
 FFA > Pacific Islands Forum Fisheries Agency  
 FI/FEI > Finnish Environment Institute, Finland  
 FI/FGI > Finnish Geodetic Institute, Finland  
 FI/FMI > Finnish Meteorological Institute, Finland  
 FI/MBCONCERT > MBCONCERT, Finland  
 FI/MTC/FIMR > Finnish Institute of Marine Research, Ministry of Transport and Communications, Finland  
 FI/MTI/GSF > Geological Survey of Finland, Ministry of Trade and Industry, Finland  
 FI/VTIT/RSG > Remote Sensing Group, VTT Information Technology, Finland  
 FIU/CS/HPDRC/TF > TerraFly, High Performance Database Research Center, School of Computer Science, Florida International University  
 FIU/GEOLOGY > Department of Earth Sciences, Florida International University  
 FL/DOT > Department of Transportation, Florida  
 FL/FWC/FMRI > Florida Marine Research Institute, Fish & Wildlife Conservation Commission, Florida  
 FL/HC/OEM > Office of Emergency Management, Hillsborough County, Florida  
 FL/SC/PW > Public Works, Seminole County, Florida  
 FLHS/GEOSCI > GeoScience Department, Fox Lane High School >  
 FLMNH > Florida Museum of Natural History, University of Florida  
 FLUXNET/FLUXNET-CA > Fluxnet-Canada  
 FMNH > The Field Museum of Natural History  
 FOCB > Friends of Casco Bay  
 FORREX > Forest Research Extension Partnership  
 FPS > Fire Program Solutions, L.L.C.  
 FR/CETE > Centre d'Etudes Techniques de l'Equipement, France  
 FR/CNES > Centre National d'Etudes Spatiales, France  
 FR/CNRS/SA > Service d'aéronomie, Centre national de la recherche scientifique, France  
 FR/ETHER/CHEMISTRY > Ether Thematic Centre for Atmospheric Chemistry Products and Services, France  
 FR/IFREMER/CERSAT > Centre ERS d'Archivage et de Traitement, French Research Institute for Exploitation of the Sea, France  
 FR/IFREMER/COROLIS > COROLIS Data Service, French Research Institute for Exploitation of the Sea  
 FR/IFREMER/LEH > Laboratoire Ecologie halieutique, French Research Institute for Exploitation of the Sea, France  
 FR/IFREMER/SISMER/GSDC > Global Subsurface Data Centre, Scientific Information Systems for the Sea, French Research Institute for Exploitation of the Sea, France  
 FR/IFREMER/SISMER > Scientific Information Systems for the Sea, French Research Institute for Exploitation of the Sea, France  
 FR/IGNE > IGN ESPACE, France  
 FR/IRSTV > Research Institute on Urban Sciences and Technics, France  
 FR/MERCATOR > MERCATOR OCEAN-Operational Oceanography, France  
 FR/MNHN > Museum National d'Histoire Naturelle, France  
 FREIBURG/IPG > Institut fur Physische Geographie, Universitat Freiburg  
 FRG > Fox River Group  
 FSU/ARF > Antarctic Marine Geology Research Facility, Department of Geosciences, Florida State University  
 FSU/COAPS/COARE-MET > Surface Meteorology Data Center, Center for Ocean-Atmospheric Prediction Studies, Florida State University  
 FSU/COAPS/RVSMDC > Research Vessel Surface Meteorology Data Center, Center for Ocean-Atmospheric Prediction Studies, Florida State University  
 FSU/COAPS > Center for Ocean-Atmospheric Prediction Studies, Florida State University  
 FSU/COAPSL > Center for Ocean-Atmospheric Prediction Studies Library, Florida State University  
 FSU/METEO > Meteorology Department, Florida State University  
 FU-BERLIN/METEO/SRG > Stratospheric Research Group, Meteorological Institute, Freie Universitat Berlin  
 FU-BERLIN/METEO > Meteorological Institute, Freie Universitat Berlin  
 FUKUOKA-U > Fukuoka University  
 GA/UGA/CLIM > Office of the State Climatologist, University of Georgia, Georgia  
 GATECH/GTRI > Georgia Tech Research Institute, Georgia Institute of Technology  
 GATS, INC. > GATS, Inc.



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Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .

NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

GB/AFSNI/AESD > Agricultural and Environmental Science Division, Agriculture and Food Science for Northern Ireland, United Kingdom  
 GB/BBSRC/UKCROPNET > UK CropNet, Biotechnology and Biological Sciences Research Council, United Kingdom  
 GB/CCLRC/RAL > Rutherford Appleton Laboratory, Council for the Central Laboratory of the Research Councils, United Kingdom  
 GB/DARDNI > Department of Agriculture and Rural Development for Northern Ireland, United Kingdom  
 GB/DEFRA/CSL > Central Science Laboratory, Department for Environment Food and Rural Affairs, United Kingdom  
 GB/DTI > Department of Trade and Industry, United Kingdom  
 GB/IACMST/EA/NCEMS > National Centre for Environmental Monitoring and Surveillance, Environment Agency, Inter-Agency Committee on Marine Science and Technology, United Kingdom  
 GB/MOD/DSTL > Defence Science and Technology Laboratory, Ministry of Defence, United Kingdom  
 GB/MOD/MET/HADLEY > Hadley Centre for Climate Prediction and Research, Met Office, Ministry of Defence, United Kingdom  
 GB/MOD/MET > Met Office, Ministry of Defence, United Kingdom  
 GB/NCAS/BADC > British Atmospheric Data Centre, NERC Centres for Atmospheric Science, United Kingdom  
 GB/NERC/BAS/AEDC > Antarctic Environmental Data Centre, British Antarctic Survey, Natural Environment Research Council, United Kingdom  
 GB/NERC/BAS > British Antarctic Survey, Natural Environment Research Council, United Kingdom  
 GB/NERC/BGS > British Geological Survey, Natural Environment Research Council, United Kingdom  
 GB/NERC/BODC > British Oceanographic Data Centre, Natural Environment Research Council, United Kingdom  
 GB/NERC/CEH-MW > Center for Ecology and Hydrology, Monks Wood, Natural Environment Research Council, UK  
 GB/NERC/CEH-W > Center for Ecology and Hydrology, Wallingford, Natural Environment Research Council, UK  
 GB/NERC/DSRS > Dundee Satellite Receiving Station, Natural Environment Research Council, United Kingdom  
 GB/NERC/MP > Marine Productivity, Natural Environment Research Council, United Kingdom  
 GB/NERC/NEODC > NERC Earth Observation Data Centre, Natural Environment Research Council, United Kingdom  
 GB/NERC/PML/RSDAS > Remote Sensing Data Analysis Service, Plymouth Marine Laboratory, Natural Environment Research Council, United Kingdom  
 GB/NERC/PML > Plymouth Marine Laboratory, Natural Environment Research Council, United Kingdom  
 GB/NERC/POL/PSMSL > Permanent Service for Mean Sea Level, Proudman Oceanographic Laboratory, Natural Environment Research Council, United Kingdom  
 GB/NERC/POL > Proudman Oceanographic Laboratory, Natural Environment Research Council, United Kingdom  
 GB/NHM/ENTO > Department of Entomology, Natural History Museum, United Kingdom  
 GB/NHM/PAL > Department of Palaeontology, Natural History Museum, United Kingdom  
 GB/NMA/OS > Ordnance Survey, National Mapping Agency, United Kingdom  
 GB/NRDB > Natural Resources Database, United Kingdom  
 GB/SEERAD/FRS > Fisheries Research Services, Scottish Executive Environment and Rural Affairs Department, United Kingdom  
 GBIF > Global Biodiversity Information Facility  
 GCI > Global Commons Institute  
 GDAIS > General Dynamics Advanced Information Systems  
 GDT > Geographic Data Technology  
 GE-GP > GeoExplorer - Geography Portal  
 GEO > Group on Earth Observations  
 GEOANAL > GeoAnalytic Inc.  
 GEODYSSEY > Geodyssey Limited  
 GEOKEM > GeoKem  
 GEOLYTICS > GeoLytics, Inc.  
 GEOMAJAS > Geomajas  
 GEOMAR/ODSN > Ocean Drilling Stratigraphic Network, GEOMAR  
 GEON > GEOsciences Network  
 GEOTERREX > GEOTERREX, A Division of CGG Canada Ltd.  
 GEOWARE > Geoware Online  
 GETECH > Geophysical Exploration Technology  
 GFD-DENNOU > GFD-DENNOU Club  
 GGSD > Geotechnical and Geoenvironmental Software Directory  
 GHENT/BIO/MARINE > Marine Biology Section, Department of Biology, Ghent University  
 GISIG > Geographic Information Systems International Group  
 GIT/EAS > School of Earth and Atmospheric Sciences, Georgia Institute of Technology  
 GLOBE > Global Learning and Observations to Benefit the Environment  
 GLOBEC/IBSS/NASU > GLOBEC-Ukraine, Institute of Biology of the Southern Seas, National Academy of Sciences of Ukraine  
 GLOBEC/ICES/MDC > Marine Data Centre, International Council for the Exploration of the Sea  
 GLOBEC/US\_GLOBEC > U.S. Global Ocean Ecosystems Dynamics Program  
 GMU/CEOSR/SIESIP > Seasonal-Interannual ESIP, CEOSR, George Mason University  
 GMU/CEOSR > Center for Earth Observing and Space Research, George Mason University  
 GMU/CSISS > Center for Spatial Information Science and Systems, CEOSR, George Mason University  
 GMU/GPCP/PSPDC > Polar Satellite Precipitation Data Center, Global Precipitation Climatology Project, George Mason University  
 GMU/PHYS-ASTR > Department of Physics and Astronomy, George Mason University



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Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .

NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

GMU/SCS/LAITS > Laboratory of Advanced Information and Technology Standards, School of Computational Science, George Mason University  
 GMWSRS > Grand Manan Whale and Seabirds Research Station  
 GOLDEN SOFTWARE > Golden Software  
 GOMC > Gulf of Maine Council on the Marine Environment  
 GOMOOS > Gulf of Maine Ocean Observing System  
 GOOGLE > Google  
 GPCC > Global Precipitation Climatology Centre  
 GR/NCMR/HNODC > Hellenic National Oceanographic Data Centre, National Centre For Marine Research, Greece  
 GRAMENE > Gramene  
 GRI > Getty Research Institute  
 GSA/ED > Education Department, Geological Society of America  
 GSA > Geological Society of America  
 GW > GenaWare Inc.  
 HARVARD/DOS > Department of Seismology, Harvard University  
 HARVARD/EPS > Department of Earth and Planetary Sciences, Harvard University  
 HARVARD/FAS > Faculty of Arts and Sciences, Harvard University  
 HARVARD/HMS/CHGE > Center for Health and the Global Environment, Harvard Medical School, Harvard University  
 HARVARD/HUL > Harvard University Library, Harvard University  
 HARVARD/IQSS > Institute for Qualitative Social Science, Harvard University  
 HARVARD/OEB > Department of Organic and Evolutionary Biology, Harvard University  
 HARVARD-SI/CFA/ADS > NASA Astrophysics Data System, Center For Astrophysics, Harvard-Smithsonian  
 HARVARD-SI/CFA > Center for Astrophysics, Harvard-Smithsonian  
 HC/GEOL > Department of Geology, Hamilton College  
 HCRN > Hawai'i Coral Reef Network  
 HDM > Harvard Design & Mapping Co.  
 HDPI > Hydrosphere Data Products Inc.  
 HGML > Hamilton Global Management, Ltd  
 HI/BISHOP-M/HBS > Hawaii Biological Survey, Bishop Museum, Hawaii  
 HI/BISHOP-M/NATSCI/BOT > Botany Department, National Sciences, Bishop Museum, Hawaii  
 HI/BISHOP-M/NATSCI/ENTO > Entomology Department, Natural Science, Bishop Museum, Hawaii  
 HI/BISHOP-M/NATSCI/GEOL > Geology Department, Natural Science, Bishop Museum, Hawaii  
 HI/BISHOP-M/PBS/SSP > Samoa Snail Project, Pacific Biological Survey, Bishop Museum, Hawaii  
 HI/BISHOP-M/RC/ODB > On-line Databases, Research and Collections, Bishop Museum, Hawaii  
 HI/HEAR/HNRMD > Hawaiian Natural Resources Monitoring Database, Hawaiian Ecosystems at Risk project, Hawaii  
 HIT/ENERG > Department of Energy Engineering, Hachinohe Institute of Technology  
 HM > Hydromodel  
 HOKKAIDO/LTS > Institute of Low Temperature Science, Hokkaido University, Japan  
 HOSTGIS > HOSTGIS  
 HP/HPRCC > High Plains Regional Climate Center  
 HRW > Holt, Rinehart, and Winston  
 HSI > Harmonic Software Inc.  
 HSWRI > Hubbs - SeaWorld Research Institute  
 HTHAEC > H.T. Harvey and Associates, Ecological Consultants  
 HU/CAS/AIM > AIM Mission, Center for Atmospheric Sciences, Hampton University  
 HUD > U.S. Department of Housing and Urban Development  
 HUNTSMAN-MSC/ARC > Huntsman Marine Science Centre, Atlantic Reference Centre  
 HWU/SLS > School of Life Sciences, Heriot-Watt University, UK  
 IA/DNR > Department of Natural Resources, Iowa  
 IA/DOT > Department of Transportation, Iowa  
 IA > Internet Archive  
 IABIN > Intern-American Biodiversity International Network  
 IAGT > Institute for the Application of Geospatial Technology  
 IAI > Inter-American Institute for Global Change Research  
 IAI-DIS > Inter-American Institute for Global Change Research, Data and Information System  
 IA-STATE/CA/AGRON > Agronomy Department, College of Agriculture, Iowa State University  
 IA-STATE/CE/ABE > Agriculture and Biosystems Engineering, College of Engineering, Iowa State University  
 IA-STATE/GISSRF > Geographic Information Systems Support and Research Facility, Iowa State University  
 IA-STATE/IEC > Iowa Energy Center, Iowa State University  
 IA-STATE/IPRT/VRAC > Virtual Reality Application Center, Institute for Physical Research and Technology, Iowa State University  
 IBM/R > IBM Research  
 IBP > The Institute for Bird Populations



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

ICARE > Interactions Clouds Aerosols Radiations Etc (ICARE) Thematic Center  
 ICES/EDC > Environmental Data Centre, International Council for the Exploration of the Sea  
 ICES/SVC\_HYDR > Service Hydrographique, International Council for the Exploration of the Sea  
 ICFC/REMSAD > Regional Modeling System for Aerosols and Deposition, ICF Consulting  
 ICFC/SAI/UAM-V > UAM-V, Systems Applications International, ICF Consulting  
 ICIMOD > International Centre for Integrated Mountain Development  
 ICSU/SCAR/SCAR-MARBIN > Marine Biodiversity Information Network, Scientific Committee on Antarctic Research, International Council for Science  
 ICSU/SCAR > Scientific Committee on Antarctic Research, International Council for Science  
 ID/DWR > Department of Water Resources, Idaho  
 ID/SCS > State Climate Services, Idaho  
 IDS > Intelligence Data Systems >  
 IE/DAF > Department of Agriculture and Food, Ireland  
 IE/DAHGI/HOI > Heritage of Ireland, Department of Arts, Heritage, Gaeltacht and the Islands, Ireland  
 IE/DTO > Dublin Transportation Office, Ireland  
 IE/EPA > Environmental Protection Agency, Ireland  
 IE/ERHA > Eastern Regional Health Authority, Ireland  
 IE/GSI > Geological Survey of Ireland  
 IE/IFB > Irish Forestry Board (Coillte Teoranta), Ireland  
 IE/MARINE > Marine Institute, Ireland  
 IE/MET-EIREANN > Irish Meteorological Service, Ireland  
 IE/MOSAIC > Geographic Information (GI) Strategy for Northern Ireland, Ireland  
 IE/OSI > Ordnance Survey, Ireland  
 IEA/PVPS/TSK2 > Task 2, Photovoltaic Power Systems, International Energy Agency  
 IEA > International Energy Agency,  
 IEEE > Institute of Electrical and Electronics Engineers, Inc.  
 IEO/CEDO > Centro Espanol de Datos Oceanograficos, Instituto Espanol de Oceanografia  
 IERS/EOC > Earth Orientation Centre, International Earth Rotation Service  
 IERS/GGFC > Global Geophysical Fluids Center, International Earth Rotation Service  
 IERS/RSPC > Rapid Service/Prediction Center, International Earth Rotation Service  
 IFIS > International Food Information Service  
 IFIS-P/FSC > Food Science Central, International Food Information Service, Publishing  
 IFRC/ARC > American Red Cross, International Federation of Red Cross and Red Crescent Societies  
 IGBP/IGAC/GEIA > Global Emissions Inventory Activity, International Global Atmospheric Chemistry, International Geosphere-Biosphere Program  
 IGBP/LUCC > Land Use and Land Cover Change, International Geosphere-Biosphere Program  
 IGC > Institute for Global Communications, San Francisco  
 IGES/COLA/GSWP > Global Soil Wetness Project, Center for Ocean-Land-Atmosphere Studies, Institute of Global Environment and Society  
 IGES/COLA > Center for Ocean-Land-Atmosphere Studies, Institute of Global Environment and Society  
 IGS/CBIS > Central Bureau Information System, International GPS Service for Geodynamics  
 IGS/IFAG > Institut fuer Angewandte Geodaesie, International GPS Service for Geodynamics  
 IGS/IGN > Institut Geographique National Global Data Center, France, International GPS Service  
 IIAP > Instituto de Investigaciones de la Amazonía Peruana  
 IIASA > International Institute for Applied Systems Analysis  
 IITA > International Institute of Tropical Agriculture  
 IL/DNR/GS > Geological Survey, Dept. of Natural Resources, Illinois  
 IL/DNR/ISM > Illinois State Museum, Department of Natural Resources, Illinois  
 IL/DNR/NHC/CEE > Center for Economic Entomology, Natural History Survey, Department of Natural Resources, Illinois  
 IL/DNR/NHS > Natural History Survey, Dept. of Natural Resources, Illinois  
 IL/DNR/WS/MRCC > Midwestern Regional Climate Center, Water Survey, Dept. of Natural Resources, Illinois  
 IL/DNR/WS/NADP > National Atmospheric Deposition Program, Water Survey, Dept. of Natural Resources, Illinois  
 IL/DNR/WS/STATECLIM > State Climatologist Office, Water Survey, Dept. of Natural Resources, Illinois  
 IL/DNR/WS > Water Survey, Dept. of Natural Resources, Illinois  
 IL/ISA/MEIDA > Middle East Interactive Data Archive, Israel Space-Agency, Israel  
 IMAGELINKS/RSO > Remote Sensing, Image Links  
 IN/DST/IITM > Indian Institute of Tropical Meteorology, Department of Science and Technology, India  
 IN/GSI > Geological Survey of India, India  
 IN/IISS > Indian Institute of Soil Science, India  
 IN/IITM/OEC > Ocean Engineering Centre, Indian Institute of Technology in Madras, India  
 IN/MCIT/NIC/GIS > Remote Sensing and GIS Division, National Informatics Centre, Ministry of Communication and Information Technology, India  
 IN/NCL/NCBI > NCL Centre for Biodiversity Informatics, National Chemical Laboratory, India  
 IN/NIO > National Institute of Oceanography, India  
 IN/SPACE/NRSA > National Remote Sensing Agency, Department of Space, Government of India



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

INAF/IFSI > Institute of Interplanetary Space Physics, National Institute for Astrophysics, Italian National Research Council, Italy  
 INBIO > Instituto Nacional de Biodiversidad  
 INDENT > Innovative Decision Technologies, Inc.  
 INFOTERRA > Infoterra  
 INIBAP > International Network for the Improvement of Banana and Plantain  
 INOVAGIS > inovaGIS  
 INTELEC > INFORMATION Technology TELECommunication Geomatics Inc.  
 INTERGRAPH > Intergraph Mapping and Geospatial Solutions  
 INTERMAGNET > International Real-time Magnetic Observatory Network  
 INTEVATION > Intevation GmbH  
 INTUTE/SCIENCES > Science, Engineering and Technology, Intute  
 IOBIS/KOBIS > KOREA Ocean Biogeographic Information System  
 IOBIS/OBIS-AUSTRALIA > Australia Regional Ocean Biogeographic Information System (OBIS) Node  
 IOBIS/OBIS-CANADA > Canada Regional Ocean Biogeographic Information System (OBIS) Node  
 IOBIS/OBIS-SEAMAP > OBIS Spatial Ecological Analysis of Megavertebrate Populations  
 IOBIS > International Ocean Biogeographic Information System  
 IOF > Institute of Oceanography and Fisheries  
 IOP > International Organisation of Palaeobotany  
 IOW > Baltic Sea Research Institute Warnemuende , Germany  
 IPA > Istituto Per L'Ambiente  
 IPCC/DDC > Data Distribution Center, Intergovernmental Panel on Climate Change  
 IPCC > Intergovernmental Panel on Climate Change  
 IPLLC > Informap Production LLC  
 IPNI > International Plant Names Index  
 IRD/HAPEX-SAHEL > Hapex Sahel Information System, L'Institut de Recherche pour Le developpement  
 IRD > L' Institut de Recherche pour le Developpement  
 IRI > Intelligent Resources Inc  
 IRIS/PASSCAL > PASSCAL Instrument Center, Incorporated Research Institutions for Seismology  
 IRIS > Incorporated Research Institutions for Seismology  
 ISC > International Seismological Centre  
 ISCGM > International Steering Committee for Global Mapping  
 ISC-SASK > Information Services Corporation of Saskatchewan  
 ISIS > International Species Information System  
 IT/CNR/GNDCI > Gruppo Nazionale per la Difesa dalle Catastrofi Idrogeologiche, Italian National Research Council, Italy  
 IT/CNR/IASF > Istituto di Astrofisica Spaziale e Fisica Cosmica, Italian National Research Council, Italy  
 IT/CNR/IBIMET > Institute for Biometeorology, Italian National Research Council, Italy  
 IT/CNR/ICMIB > Istituto di Chimica Biomolecolare, Italian National Research Council, Italy  
 IT/CNR/ICRM > Istituto di Chimica Der Riconoscimento Molecolare, Italian National Research Council, Italy  
 IT/CNR/IDPA > Istituto per la Dinamica dei Processi Ambientali, Italian National Research Council, Italy  
 IT/CNR/IIA > Institute for Atmospheric Pollution, Italian National Research Council, Italy  
 IT/CNR/INAF/IFSI > Institute of Interplanetary Space Physics, National Institute for Astrophysics, Italian National Research Council, Italy  
 IT/CNR/IROE > Institute of Research on Electromagnetic Waves, Italian National Research Programme, Italy  
 IT/CNR/ISAC > Institute of Atmospheric Sciences and Climate, Italian National Research Council, Italy  
 IT/CNR/ISE > Istituto per lo Studio degli Ecosistemi, Italian National Research Council, Italy  
 IT/ENEA/CASACCIA > Ente per le Nuove tecnologie, l'Energia e l'Ambiente, Centro Della Casaccia, Italy  
 IT/ENEA/CLIM-OSS > Meteo-Climatological Observatory, Programma Nazionale di Ricerche in Antartide, Italy  
 IT/ENEA/FRASCATI > Ente per le Nuove Tecnologie, l'Energia e l'Ambiente, Centro Di Frascati, Italy  
 IT/IGG/CNR > Consiglio Nazionale delle Ricerche, Istituto Geoscienze e Georisorse, Padova section, Italy  
 IT/INGV > Istituto Nazionale di Geofisica e Vulcanologia, Italy  
 IT/OGS > Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, Italy  
 IT/PNRA > Italian Program for Antarctic Research, Italy  
 IT/SCAMILLOFORLANINI > Azienda Ospedaliera San Camillo-Forlanini, Roma, U.O Telemedicina  
 ITIS > Integrated Taxonomic Information System  
 IU/GEOG > Department of Geography, Indiana University  
 IU/PTL/CGL > Community Grids Lab, Pervasive Technology Labs, Indiana University  
 IUCN/BOOKSTORE > World Conservation Bookstore, IUCN-The World Conservation Union  
 IUCN/CC > Conservation Commons, IUCN -The World Conservation Union  
 IUCN/SSC/AFESG > African Elephant Specialist Group, Species Survival Commission, IUCN -The World Conservation Union  
 IUCN/SSC/ISSG > Invasive Species Specialist Group, Species Survival Commission, IUCN -The World Conservation Union  
 IUCN/SSC > Species Survival Commission, IUCN -The World Conservation Union  
 IUCN/WANI > Water & Nature Initiative, IUCN -The World Conservation Union



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

IUGG/IAGA > International Association of Geomagnetism and Aeronomy, International Union of Geodesy and Geophysics  
 IU/MARINE-BIO > H. Steinitz Marine Biology Laboratory, Interuniversity Institute of Eilat, Israel  
 IU-PUI/GEOL > Department of Geology, Indiana University-Purdue University at Indianapolis  
 IVS > Interactive Visualization Systems  
 JA > Jonathan Adams  
 JGOF/IFM > German Joint Ocean Flux Study, Institute for Marine Research  
 JGOF/US\_JGOF > United States Joint Global Ocean Flux Study  
 JGRASS > JGRASSAPL/GUVI > Global Ultraviolet Imager Team, Applied Physics Laboratory, Johns Hopkins University  
 JHU/APL/IMP8 > IMP8 Team, Applied Physics Laboratory, Johns Hopkins University  
 JHU/APL/ORSO > Ocean Remote Sensing Group, Applied Physics Laboratory, Johns Hopkins University  
 JHU/APL/SD/ACE > Advanced Composition Explorer, Space Department, Applied Physics Laboratory, Johns Hopkins University  
 JHU/APL/SD/AMPT/CCE-SDC > AMPT/CCE Science Data Center, Space Department, Applied Physics Laboratory, Johns Hopkins University  
 JHU/APL/SD/SPS > Solar Physics Section, Space Department, Applied Physics Laboratory, Johns Hopkins University  
 JHU/APL/SUPERMAG > SuperMAG - International Ground Magnetometer Collaboration, Applied Physics Laboratory, Johns Hopkins University  
 JHU/APL/TIMED/SDS > TIMED Science Data System, Applied Physics Laboratory, Johns Hopkins University  
 JHU/APL/WOOD > Worldwide Ocean Optics Database, Applied Physics Laboratory, Johns Hopkins University  
 JHU/EP/JSIL > The Jahnke Stable Isotope Laboratory, Department of Earth and Planetary Sciences, Johns Hopkins University  
 JHU/EP/ML > Magmatic Laboratory, Department of Earth and Planetary Sciences, Johns Hopkins University  
 JHU/SPH/DMMI > Dept. of Molecular Microbiology and Immunology, Bloomberg School of Public Health, Johns Hopkins University  
 JIC > John Innes Centre  
 JMP > JAKENMAX Productions  
 JOI/USSP-IODP > U.S. Science Support Program - Integrated Ocean Drilling Program, Joint Oceanographic Institutions  
 JP/AFFN/FISHERIES > Fukushima Prefecture Fisheries Experiment Station, Fukushima Agriculture, Forestry and Fisheries Network, Japan  
 JP/CC/AFFR > Computer Center for Agriculture, Forestry & Fisheries Research, Japan  
 JP/CP/ED/NCD > Nature Conservation Division, Environment Department, Chiba Prefecture, Japan  
 JP/CRL > Communications Research Laboratory, Japan  
 JP/FCIHE > Fukuoka-City Institute for Hygiene and Environment, Japan  
 JP/FRA/NRIFS > National Research Institute of Fisheries Science, Fisheries Research Agency, Japan  
 JP/GSH > Geological Survey of Hokkaido, Japan  
 JP/GSI > Geographical Survey Institute, Japan  
 JP/GSJ > Geological Survey of Japan  
 JP/HCFES > Hokkaido Central Fisheries Experimental Station, Japan  
 JP/HNAES > Hokkaido National Agricultural Experiment Station, Japan  
 JP/HPFES > Hyogo Prefectural Fisheries Experimental Station, Japan  
 JP/JAMSTEC/ES > Earth Simulator, Japan Marine Science and Technology Center, Japan  
 JP/JAMSTEC/FRSGC > Frontier Research System for Global Change, Japan Marine Science and Technology Center, Japan  
 JP/JAMSTEC/TRITON > TRITON Office, Japan Agency for Marine-Earth Science and Technology, Japan  
 JP/JAMSTEC > Japan Agency for Marine-Earth Science and Technology, Japan  
 JP/JAXA/EOC > Earth Observation Center, Japan Aerospace Exploration Agency, Japan  
 JP/JAXA/EORC/GLACE > Global Atmospheric Chemistry Experiment, Earth Observation Research Center, Japan Aerospace Exploration Agency, Japan  
 JP/JAXA/EORC > Earth Observation Research Center, Japan Aerospace Exploration Agency, Japan  
 JP/JAXA/ISAS > Institute for Space and Astronautical Sciences, Japan Aerospace Exploration Agency, Japan  
 JP/JMA/MRI > Meteorological Research Institute, Japan Meteorological Agency, Japan  
 JP/JMA/OAO > Office of Antarctic Observations, Japan Meteorological Agency, Japan  
 JP/JMA > Japan Meteorological Agency, Japan  
 JP/JODC > Japan Oceanographic Data Center  
 JP/JWA/MIC > Meteorological Information Center, Japan Weather Association, Japan  
 JP/KERC > Kanagawa Environmental Research Center, Japan  
 JP/KOPFES > Kochi Prefectural Fisheries Experimental Station, Japan  
 JP/KPFES > Kanagawa Prefectural Fisheries Research Institute, Japan  
 JP/MERI > Marine Ecology Research Institute, Japan  
 JP/METI/AIST/KNIRI > Kyushu National Industrial Research Institute, Advanced Industrial Science and Technology, Ministry of Economy, Trade, and Industry, Japan  
 JP/METI/AIST/NIRIN > National Industrial Research Institute of Nagoya, Advanced Industrial Science and Technology, Ministry of Economy, Trade, and Industry, Japan  
 JP/METI/AIST > National Institute of Advanced Industrial Science and Technology, Ministry of Economy, Trade, and Industry, Japan  
 JP/MEXT/NIPR/OPENF08 > Office of the 5th Polar Open Forum for junior and high school child, National Institute of Polar Research, Ministry of Education, Science, Sports and Culture, Japan  
 JP/MEXT/NIPR > National Institute of Polar Research, Ministry of Education, Science, Sports and Culture, Japan  
 JP/NAO > National Astronomical Observatory, Japan  
 JP/NARO/NIFTS > National Institute of Fruit Tree Science, National Agricultural Research Organization, Japan



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 Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007.  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

JP/NIED > National Research Institute for Earth Science and Disaster Prevention, Japan  
 JP/NIES/CGER > Center for Global Environmental Research, National Institute for Environmental Studies, Japan  
 JP/NIRS > National Institute of Radiological Sciences, Japan  
 JP/PWRI > Public Works Research Institute, Ministry of Construction, Japan  
 JP/RESTEC > Remote Sensing Technology Center, Japan  
 JP/RIKEN/IPCR > The Institute of Physical and Chemical Research, RIKEN, Japan  
 JP/SM/IPH > Institute of Public Health, Sendai Municipal, Japan  
 KAGO-U/CHEM-ENG > Department of Applied Chemistry Chemical Engineering, Kagoshima University  
 KANAZAWA-U/GSNST > Graduate School of Natural Science and Technology, Kanazawa University  
 KCLUL/GEOG > Department of Geography, King's College London, University of London  
 KDE-APPS > KDE-APPS  
 KILLI-DATA > Killi-Data Online  
 KINKI-U/AERI > Atomic Energy Research Institute, Kinki University  
 KKWDK > kk+w digitale kartografie  
 KNB > Knowledge Network for Biocomplexity  
 KOBE-UC/BIO > Department of Biology, Kobe University of Commerce  
 KOBIS > KOREA Ocean Biogeographic Information System  
 KOSMOS > Kosmos Z & K  
 KR/KISTI > Korea Institute of Science and Technology Information, Republic of Korea  
 KR/KOPRI > Korea Polar Research Institute, Republic of Korea  
 KR/KORDI > Korea Ocean Research and Development Institute, Republic of Korea  
 KR/MMAF/NFRDI/KODC > Korean Oceanographic Data Center, National Fisheries Research and Development Institute, Ministry of Marine Affairs and Fisheries, Republic of Korea  
 KS/GS > Geological Survey, Kansas  
 KSAT > Kongsberg Satellite Services  
 KSU/AES > Agricultural Experiment Station, Kansas State University  
 KSU/CA/AGRON > Agronomy Department, College of Agriculture, Kansas State University  
 KSU/GEOLOGY > Department of Geology, Kent State University  
 KSU/VARC > Virtual Alfalfa Research Center, Kansas State University  
 KTOKAI-U/ENGIN > Department of Engineering, Kyushu Tokai University  
 KU-LEUNVEN/DLM/LFNLR > Laboratory for Forest, Nature and Landscape Research, Department of Land Management, Katholieke Universiteit Leuven  
 KWARE - GS > KWARE - Geological Software  
 KWI > Kitware, Inc  
 KY/DFWR > Department of Wildlife Resources, Kentucky  
 KY/GOT/KLC > Kentucky Landscape Census, Governor's Office for Technology, Kentucky  
 KY/NREPC/GIS > GIS Department, Natural Resources & Environmental Protection Cabinet, Kentucky  
 KYUSHU-U/FA/EL > Entomological Laboratory, Faculty of Agriculture, Kyushu University  
 KYUSHU-U/FE/DUEE > Department of Urban and Environmental Engineering, Faculty of Engineering, Kyushu University  
 L-3 COM/TG > Titan Group, L-3 Communications  
 LA/DWF/MFD > Marine Fisheries Division, Department of Wildlife and Fisheries, Louisiana  
 LANCASTER-U/DCS > Department of Communication Systems, Lancaster University  
 LANCASTER-U/ESD > Environmental Science Department, Lancaster University  
 LANCASTER-U/GEOG/CEMP > Centre for Environmental Magnetism and Palaeomagnetism, Geography Department, Lancaster University  
 LANCASTER-U/LEC > Lancaster Environment Centre, Lancaster University  
 LAT/LON > lat/lon  
 LAVAL/BIO > Department of Biology, Laval University  
 LB/LC/MC > Map Collections, Library of Congress, U.S. Legislative Branch  
 LB/PO > Government Printing Office, U.S. Legislative Branch  
 LB > U.S. Legislative Branch  
 LCPO > Lake Champlain Program  
 LEICESTER-U/GEOG > Department of Geography, Leicester University  
 LGI > Linnet Geomatics International, Inc.  
 LI > Luna Imaging, Inc  
 LISRC > Long Island Sound Resource Center  
 LM/ATC/LMSAL > Lockheed Martin Solar and Astrophysics Laboratory, Advanced Technology Center, Lockheed Martin  
 LMER/CRETM/UW > University of Washington, Columbia River Estuarine Turbidity Maximum Project  
 LMER/CRRL > Columbia River Research Laboratory, LMER  
 LOF > Living Oceans Foundation  
 LP DAAC > Land Processes Distributed Active Archive Center  
 LSC/METEO > Meteorology Department, Lyndon State College  
 LSU/AG-C > Agricultural Center, Louisiana State University



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

LSU/CSPHIH > Center for the Study of Public Health Impacts of Hurricanes, Louisiana State University  
 LSU/DGA > Department of Geography and Anthropology, Louisiana State University  
 LSU/ESL > Earth Scan Laboratory, Louisiana State University  
 LSU/GEOL/OASIC > Oxy-Anion Stable Isotope Center, Department of Geology and Geophysics, Louisiana State University  
 LSU/GEOL > Department of Geology and Geophysics, Louisiana State University  
 LSU/LMNH/NATSCI > Museum of Natural Science, Louisiana Museum of Natural History, Louisiana State University  
 LSU/WHOCC > World Health Organization Collaborating Center for Remote Sensing & Geographic Information Systems for Public Health, Louisiana State University  
 LTER/AND > H.J. Andrews Experimental Forest, Long-Term Ecological Research Network Office  
 LTER/ARC > Arctic Tundra, Long-Term Ecological Research Network Office  
 LTER/BES > Baltimore Ecosystem Study, Long-Term Ecological Research Network Office  
 LTER/BNZ > Bonanza Creek, Long-Term Ecological Research Network Office  
 LTER/CAP > Central Arizona Phoenix, Long-Term Ecological Research Network Office  
 LTER/CDR > Cedar Creek Natural History Area, Long-Term Ecological Research Network Office  
 LTER/CWT > Coweeta Hydrologic Laboratory, Long-Term Ecological Research Network Office  
 LTER/FCE > Florida Coastal Everglades, Long-Term Ecological Research Network Office  
 LTER/GCE > Georgia Coastal Ecosystems, Long-Term Ecological Research Network Office  
 LTER/HBR > Hubbard Brook Experimental Forest, Long-Term Ecological Research Network Office  
 LTER/HFR > Harvard Forest, Long-Term Ecological Research Network Office  
 LTER/JRN > Jornada Basin, Long-Term Ecological Research Network Office  
 LTER/KBS > Kellogg Biological Station, Long-Term Ecological Research Network Office  
 LTER/KNZ > Konza Prairie, Long-Term Ecological Research Network Office  
 LTER/LUQ > Luquillo Experimental Forest, Long-Term Ecological Research Network Office  
 LTER/MCM > McMurdo Dry Valleys, Long-Term Ecological Research Network Office  
 LTER/NTL > North Temperate Lakes, Long-Term Ecological Research Network Office  
 LTER/NWT > Niwot Ridge, Long-Term Ecological Research Network Office  
 LTER/PAL > Palmer Research Station, Long Term Ecological Research Program  
 LTER/PIE > Plum Island Ecosystem, Long-Term Ecological Research Network Office  
 LTER/VCR > Virginia Coast Reserve, Long-Term Ecological Research Network Office  
 LTER > Long-Term Ecological Research Network Office  
 LTG > Lithuanian Geological Survey  
 LUMOS > Land Use Modeling System  
 MA/CZM > Massachusetts Office of Coastal Zone Management  
 MA/DFW/NHESP/BBTRP > Buzzard's Bay Tern Restoration Project, Natural Heritage & Endangered Species Program, Division of Fisheries & Wildlife, Massachusetts  
 MA/DFW/NHESP > Natural Heritage and Endangered Species Program, Massachusetts Division of Fisheries and Wildlife  
 MA/DFWELE/DMF > Massachusetts Division of Marine Fisheries, Department of Fish and Game  
 MA/DPH > Massachusetts Department of Public Health  
 MA/MASGIS > Massachusetts Office of Geographic and Environmental Information  
 MA/MWRA > Massachusetts Water Resources Authority, Massachusetts  
 MACLAREN > MacLaren Plansearch Ltd/SNC/Lavalin Inc  
 MAPUFACTURE > Mapufacture  
 MAPWINDOW > MapWindow  
 MARTEC > Martec, Ltd  
 MARTINDALE > Martindale Center  
 MAST > Mountain Area Safety Taskforce  
 MBARI > Monterey Bay Aquarium Research Institute  
 MBG > Missouri Botanical Garden  
 MBL > MacMillan Bloedel Limite  
 MCPS/EBSP > Event-Based Science Project, Montgomery County Public Schools  
 MD/BC/DEPRM > Department of Environmental Protection and Resource Management, Baltimore County, Maryland  
 MD/DNR/FISH > Fisheries Service, Department of Natural Resources, Maryland  
 MD/DNR/GISD > Geographic Information Services Division, Department of Natural Resources, Maryland  
 MD/DNR/MERLIN > Maryland Environmental Resources & Land Information Network, Department of Natural Resources, Maryland  
 MD/DNR/WHD > Wildlife and Heritage Division, Department of Natural Resources, Maryland  
 MD/DNR > Department of Natural Resources, Maryland  
 MD/DOE > Department of the Environment, Maryland  
 MD/GS > Geological Survey, Maryland  
 MD/OOG > Office of the Governor, Maryland  
 MDA/GSI > Geospatial Services International, MacDonald, Dettwiler and Associates Ltd.  
 MDIWQC > Mount Desert Island Water Quality Coalition



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

ME/CLIM > State Climate Office, Maine  
 ME/DEP/AIR > Bureau of Air Quality, Department of Environmental Protection, Maine  
 ME/DEP/BLWQ > Bureau of Land and Water Quality, Department of Environmental Protection, Maine  
 ME/DMR > Department of Marine Resources, Maine  
 ME/IFW > Maine Department of Inland Fish and Wildlife  
 MEDIAS FRANCE > Mediterranean Basin and Subtropical Africa Network  
 MEIJI/SSE > School of Science and Engineering, Meiji University  
 MERI > Marine Environmental Research Institute  
 METACARTA > MetaCarta  
 MEZOGIS > mezoGIS  
 MG/CNRE > Centre National de Recherche sur l'Environnement, Madagascar  
 MG/ONE > Office National pour L'Environnement, Madagascar  
 MIDD-C/GEOL > Department of Geology, Middlebury College  
 MIDD-C > Middlebury College  
 MII > MicrolImages, Inc.  
 MILLERSV/METEO > Meteorology Department, Millersville University  
 MIT/CSR/SPG > Space Plasma Group, Center for Space Research, Massachusetts Institute of Technology  
 MIT/DUSP/CRN > Computer Resource Network, Department of Urban Studies, Massachusetts Institute of Technology  
 MIT/DUSP > Department of Urban Studies and Planning, Massachusetts Institute of Technology  
 MIT/EAPS/PAOC/CMI > Climate Modeling Initiative, Program in Atmospheres, Oceans, & Climate, Department of Earth, Atmospheric & Planetary Sciences, Massachusetts Institute of Technology  
 MIT/JPSPGC > Joint Program on the Science and Policy of Global Change, Massachusetts Institute of Technology  
 MIT/SPG > Space Plasma Group, Massachusetts Institute of Technology  
 MLML > Moss Landing Marine Laboratories  
 MMU/DEGS/CATE > Centre for Air Transport & the Environment, Department of Environmental and Geographical Sciences, Manchester Metropolitan University  
 MN/CLIM > Climatology Working Group, Minnesota  
 MN/DNR/GIS > Geographic Information Systems, Department of Natural Resources, Minnesota  
 MN/DNR > Department of Natural Resources, Minnesota  
 MN/DOA/OGDA/LMIC > Land Management Information Center, Office of Geographic and Demographic Analysis, Department of Administration, Minnesota  
 MN/OP > Office of Planning, Minnesota  
 MNA/TERRA > Museo Nazionale dell' Antartide, Sez di Scienze della Terra  
 MO/D-CON/NATURE > Nature Section, Department of Conservation, Missouri  
 MONTCLAIR/EES > Department of Earth & Environmental Studies, Montclair State University  
 MOSAIC > Mosaic Conservation  
 MOTE > Mote Marine Laboratory  
 MPI-BGC > Max Planck Institute for Biogeochemistry  
 MPI-CH/ACD > Atmospheric Chemistry Division, Max Planck Institute for Chemistry  
 MPI-CH/GEOCHEM > Geochemistry Division, Max Planck Institute for Chemistry  
 MPI-M/MAD > Model and Data Group, Max Planck Institute for Meteorology  
 MPI-M > Max Planck Institute for Meteorology  
 MPI-SA/ETFO > Max Planck Institute for Social Anthropology  
 MS > Microsoft Corporation  
 MSC > Magee Scientific Company  
 MSI > Mentor Software, Inc.  
 MSU/CGCEO/TRFIC/LANDSAT > Landsat, Tropical Rain Forest Information Center, Center for Global Change and Earth Observations, Michigan State University  
 MSU/CGCEO/TRFIC > Tropical Rain Forest Information Center, Center for Global Change and Earth Observations, Michigan State University  
 MSU/ECOL > Department of Ecology, Montana State University  
 MSU/ENTO > Department of Entomology, Michigan State University  
 MSU/GEOLOGY > Department of Geological Sciences, Michigan State University  
 MSU/IWR/RUSLE > Revised Universal Soil Loss Equation, Institute of Water Research, Michigan State University  
 MT/FWP > Fish and Wildlife and Parks, Montana  
 MT/MSL/NRIS/GIS > GIS, Natural Resource Information System, Montana State Library, Montana  
 MT-STATE/BSI > Big Sky Institute, Montana State University  
 MT-STATE/ECOL/ESG > Environmental Statistics Group, Department of Ecology, Montana State University  
 MT-STATE/ECOL > Department of Ecology, Montana State University  
 MTU/FOREST > School of Forest Resources and Environmental Science, Michigan Technological University  
 MUOHIO/GEOG > Department of Geography, Miami University, Ohio  
 MWD > Meridian World Data



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

MWN > Mount Washington Observatory  
 MX/CICESE > Centro de Investigacion Cientifica y de Educacion Superior de Ensenada, Mexico  
 MX/CONABIO > CONABIO, Mexico  
 MY/MARC > MALAYSIAN ANTARCTIC RESEARCH PROGRAM  
 NA/NAS > National Academy of Science, National Academies  
 NA/NATMIRC > Ministry of Fisheries and Marine Resources, Namibia  
 NAAEE > North American Association for Environmental Education  
 NAB > National Aquarium in Baltimore  
 NAGOYA-U/RCAEC > Research Center for Advanced Energy Conversion, Nagoya University  
 NAGOYA-U/STELAB > Solar-Terrestrial Environment Laboratory, Nagoya University  
 NARA > National Archives and Records Administration  
 NASA/ARC/AE > Aerospace Encounter, Ames Research Center, NASA  
 NASA/ARC/ECOCAST > Ecological Forecasting Laboratory, Ames Research Center, NASA  
 NASA/ARC/ESD/ESPO > Earth Science Project Office, Earth Sciences Division, Ames Research Center, NASA  
 NASA/ARC/ESD/SGE > Ecosystem Science and Technology Branch, Earth Sciences Division, Ames Research Center, NASA  
 NASA/ARC/ESE/ESPO > Earth Science Project Office, Earth Science Enterprise, Ames Research Center, NASA  
 NASA/ARC/LT/WW > World Wind, Learning Technologies, Ames Research Center, NASA  
 NASA/ARC/LT > Learning Technologies, Ames Research Center, NASA  
 NASA/ARC/MAS > MODIS Airborne Simulator Development Team, Ames Research Center, NASA  
 NASA/ARC/OSS > Open Source Software, Ames Research Center, NASA  
 NASA/ARC/SOFIA/EPO > Education and Public Outreach, Stratospheric Observatory for Infrared Astronomy, Ames Research Center, NASA  
 NASA/EDU/CORE > Central Operation of Resources for Educators, Education Division, NASA  
 NASA/EDU/SL/ERCN > Educator Resource Center Network, Space Link, Education Division, NASA  
 NASA/EDU/SL > Space Link, Education Division, NASA  
 NASA/GSFC/AAAB > Advanced Architecture and Automation Branch, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/CARSTAD > Center for Airborne Remote Sensing and Technology and Applications Development, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/EO > Earth Observatory, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/EOSDIS/EMD > Maintenance and Development, Earth Observing System Data and Information System, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/ESDIS/ECHO > EOS ClearingHouse, Earth Science Data and Information Systems, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/ESDIS/EDG > EOS Data Gateway, Earth Science Data and Information Systems, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/ESDIS/NEO > NASA Earth Observations, Earth Science Data and Information System Project, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/ESDIS > Earth Science Data and Information System Project, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/PO > Program Office, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/EOS/WMP > Water Management Project Office, Earth Observing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/GIO > Geospatial Interoperability Office, Goddard Space Flight Center, NASA  
 NASA/GSFC/ODPS > Ocean Discipline Processing System, Goddard Space Flight Center, NASA  
 NASA/GSFC/OSS > Open Source Software, Goddard Space Flight Center, NASA  
 NASA/GSFC/SECPO/LWS/EPO > Education and Public Outreach, Living With a Star, Sun Earth Connection Program Office, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ASD/APL > Astroparticle Physics Laboratory Astrophysics Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ESD/ED > Earth Science Educator, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ESD/GCDC/GCMD > Global Change Master Directory, Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ESD/GCDC/GESDIS/ACDISC > Atmospheric Composition Data Center, Goddard Earth Sciences Data and Information Services Center, Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ESD/GCDC/GESDIS/ATMODYN > Atmospheric Dynamics, Goddard Earth Sciences Data and Information Services Center (formerly Goddard DAAC), Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ESD/GCDC/GESDIS/HDISC > Hydrology DISC, Goddard Earth Sciences Data and Information Services Center, Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ESD/GCDC/GESDIS/NEESPI > NEESPI, Goddard Earth Sciences Data and Information Services Center (formerly Goddard DAAC), Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ESD/GCDC/GESDIS > Goddard Earth Sciences Data and Information Services Center (formerly Goddard DAAC), Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA  
 NASA/GSFC/SED/ESD/GCDC/OBPG > Ocean Biology Processing Group (OBPG), Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

NASA/GSFC/SED/ESD/GISS > Goddard Institute for Space Studies, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GMAO/LDAS > Land Data Assimilation System, Global Modeling and Assimilation Office, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GMAO > Global Modeling and Assimilation, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/BISB/LAADS > L1 and Atmosphere Archive and Distribution System, Biospheric Information Systems Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/BISB/MODAPS > MODIS Adaptive Processing System, Biospheric Information Systems Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/BSB/FED > Forest Ecosystem Dynamics Project, Biospheric Sciences Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/BSB > Biospheric Sciences Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/CSB > Cryospheric Sciences Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/HSB > Hydrological Sciences Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/TIS/EO > Education and Outreach, Terrestrial Information Systems, Hydrospheric and Biospheric Science Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/TIS/LTDR > Land Long Term Data Record, Terrestrial Information Systems, Hydrospheric and Biospheric Science Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/TIS/MODIS-LAND-QA > MODIS Land Quality Assessment, Terrestrial Information Systems, Hydrospheric and Biospheric Science Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/TIS/MODIS-RRS > MODIS Rapid Response System, Terrestrial Information Systems, Hydrospheric and Biospheric Science Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/ISFS > Invasive Species Forecasting System, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/ACDB > Atmospheric Chemistry and Dynamics Branch, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/CRB/MST/MA > MODIS-Atmosphere, MODIS Science Team, Climate and Radiation Branch, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/CRB > Climate and Radiation Branch, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/MAP/TRMM > Tropical Rainfall Measuring Mission, Mesoscale Atmospheric Processes, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/MAPB > Mesoscale Atmospheric Processes Branch, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LANDSAT/ED > Education, Landsat, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LANDSAT > Landsat, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LSSP/GP/EDB > Electrodynamics Branch, Geospace Physics, Laboratory for Solar and Space Physics, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/NDRD > Natural Disaster Reference Database, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/SIVO > Software Integration & Visualization Office, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD > Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/HSD/GPL/CCMC > Community Coordinated Modeling Center, Geospace Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/HSD/GPL/PWG > Polar, Wind, Geotail Project, Geospace Physics Lab, Laboratory for Solar and Space Physics, Heliophysics Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/HSD/HPL/SPDF > Space Physics Data Facility, Heliospheric Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/HSD/SPL/RHESSI > Reuven Ramaty High Energy Solar Spectroscopic Imager, Solar Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/HSD/SPL/SDAC > Solar Data Analysis Center, Solar Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/HSD/SPL/SOHO > Solar and Heliospheric Observatory, Solar Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA



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 Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

NASA/GSFC/SED/HSD/SWL/SECEF > Sun-Earth Connection Education Forum, Space Weather Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SSDOO/NSSDC/ISC > IMAGE Science Center, National Space Science Data Center, Space Science Data Operation Office, Goddard Space Flight Center, NASA

NASA/GSFC/SSDOO/NSSDC/RJP > Radio JOVE Project, National Space Science Data Center, Space Science Data Operation Office, Goddard Space Flight Center, NASA

NASA/GSFC/SSDOO/NSSDC/SSC > Satellite Situation Center, National Space Science Data Center, Space Science Data Operation Office, Goddard Space Flight Center, NASA

NASA/GSFC/SSDOO/NSSDC > National Space Science Data Center, Space Science Data Operation Office, Goddard Space Flight Center, NASA

NASA/GSFC/SSD/CDDIS > Crustal Dynamics Data Information System, Solar System Exploration Division, Goddard Space Flight Center, NASA

NASA/GSFC/SSD/PGL > Planetary Geodynamics Laboratory, Solar Systems Exploration Division, Goddard Space Flight Center, NASA

NASA/GSFC/SVS > Scientific Visualization Studio, Goddard Space Flight Center, NASA

NASA/GSFC/WFF/HBSL/OS/OSB > Observational Science Branch, Ocean Science, Hydrospheric and Biospheric Sciences Laboratory, Wallops Flight Facility, Goddard Space Flight Center, NASA

NASA/HQ/LOE > Life on Earth, Head Quarters, National Aeronautics and Space Administration

NASA/JPL/AIRS > Atmospheric Infrared Sounder, Jet Propulsion Laboratory, NASA

NASA/JPL/AIRSEA > Air - Sea Interaction & Climate, Jet Propulsion Laboratory, NASA

NASA/JPL/ASTER > ASTER, JET PROPULSION LABORATORY, NASA

NASA/JPL/ATMOS > Atmospheric Trace Molecule Spectroscopy Experiment, Jet Propulsion Laboratory, NASA

NASA/JPL/AVIRIS > Airborne Visible Infrared Imaging Spectrometer Data Facility, Jet Propulsion Laboratory, NASA

NASA/JPL/CC > Climate Change: NASA's Eyes on the Earth, Jet Propulsion Laboratory, NASA

NASA/JPL/GENESIS > GPS Environmental and Earth Science Information System, Jet Propulsion Laboratory, NASA

NASA/JPL/MISR > Multi-angle Imaging SpectroRadiometer Team, Jet Propulsion Laboratory, NASA

NASA/JPL/OCEANESIP > Ocean ESIP, Jet Propulsion Laboratory, NASA

NASA/JPL/ONEARTH > OnEarth, Jet Propulsion Laboratory, NASA

NASA/JPL/PDS-GEOSCIENCES NODE > Planetary Data System Geosciences Node, Jet Propulsion Laboratory, NASA

NASA/JPL/PODAAC/NEREIDS > Near-Real-Time Image Distribution Server, Physical Oceanography Distributed Active Archive Center, Jet Propulsion Laboratory, NASA

NASA/JPL/PODAAC > Physical Oceanography Distributed Active Archive Center, Jet Propulsion Laboratory, NASA

NASA/JPL/PUMAS > Practical Uses of Math And Science, Jet Propulsion Laboratory, NASA

NASA/JPL/QUIKSCAT > QUIKSCAT, JET PROPULSION LABORATORY, NASA

NASA/JPL/RDC > Radar Data and Outreach Center, Jet Propulsion Laboratory, NASA

NASA/JPL/SCIJINKS > SciJinks Weather Laboratory, Jet Propulsion Laboratory, NASA

NASA/JPL/SESPD/ACRP > Atmospheric Chemistry Research Program, Space and Earth Science Programs Directorate, Jet Propulsion Laboratory, NASA

NASA/JPL/SRTM > Shuttle Radar Topography Mission Project Office, Jet Propulsion Laboratory, NASA

NASA/JPL/TPJOT > TOPEX/Poseidon and Jason-1 Outreach Team, Jet Propulsion Laboratory, NASA

NASA/JPL/TPJOY > Poseidon and Jason-1 Outreach Team, Jet Propulsion Laboratory, NASA

NASA/JSC/EOL > Earth Sciences and Image Analysis, Johnson Space Center, NASA

NASA/LARC/SD/ASC/SABER > SABER Science Team, Atmospheric Sciences Competency, Science Directorate, Langley Research Center, NASA

NASA/LARC/SD/ASC/TCIDC > Tropospheric Chemistry Integrated Data Center, Atmospheric Sciences Competency, Science Directorate, Langley Research Center, NASA

NASA/LARC/SD/ASC/TCIDS > Tropospheric Chemistry Integrated Data Center, Atmospheric Sciences Competency, Science Directorate, Langley Research Center, NASA

NASA/LARC/SD/ASC > Atmospheric Sciences Competency, Science Directorate, Langley Research Center, NASA

NASA/LARC/SD/ASDC/MND > MY NASA DATA, Atmospheric Sciences Data Center, Science Directorate, Langley Research Center, NASA

NASA/LARC/SD/ASDC > Atmospheric Science Data Center, Science Directorate, Langley Research Center, NASA

NASA/LARC/SD/LARC\_DAAC > Langley Research Center Distributed Active Archive Center, Science Directorate, Langley Research Center, NASA

NASA/MSFC/GHCC/LAER > Lightning and Atmospheric Electricity Research, Global Hydrology and Climate Center, Marshall Space Flight Center, NASA

NASA/MSFC/GHCC > Global Hydrology and Climate Center, Marshall Space Flight Center, NASA

NASA/MSFC/GHRC/DISCOVER > Distributed Information Services for Climate and Ocean Products and Visualizations for Earth Research/Global Hydrology Resource Center, Marshall Space Flight Center, NASA

NASA/MSFC/GHRC > Global Hydrology Resource Center, Marshall Space Flight Center, NASA

NASA/MSFC/LIFTOFF > Liftoff, Marshall Space Flight Center, NASA

NASA/MSFC/NSSTC > National Space Science and Technology Center, Marshall Space Flight Center, NASA

NASA/MSFC/SEE > Space Environments and Effects Program, Marshall Space Flight Center, NASA

NASA/MSFC/SPB > Solar Physics Branch, Marshall Space Flight Center, NASA

NASA/MSFC/SWC > SpaceWeather.com, Marshall Space Flight Center, NASA

NASA/SCIENCE/KIDS > NASA Science for Kids, National Aeronautics and Space Administration

NASA/SSC/ASD > Applied Sciences Directorate, Stennis Space Center, NASA

NASA/SSC/OED > Office of Education, Stennis Space Center, NASA

NASA > National Aeronautics and Space Administration



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

NATURESERVE-CA > NatureServe, Canada  
 NATURESERVE-USA > NatureServe, United States  
 NATUUR > Natuur and Techniek  
 NAU/GEOL > Department of Geology, Northern Arizona University  
 NBC/MSNBC > Microsoft NBC, National Broadcast Company  
 NC/BG/BONAP > Biota of North America Program, Botanical Garden, North Carolina  
 NC/CGIA > Center for Geographic Information and Analysis, North Carolina  
 NC/DACS > Department of Agriculture and Consumer Services, North Carolina  
 NC/NCSU/CLIM > State Climate Office, North Carolina State University, North Carolina  
 NCCR CLIMATE > National Centre for Competence in Research on Climate  
 NCGR > National Center for Genome Research  
 NCSE > National Council for Science and the Environment  
 NC-STATE/BAED/WQG > Water Quality Group, Biological and Agricultural Engineering Department, North Carolina State University  
 NC-STATE/BASIC/NCGAP > NC Gap Analysis Project, Biological and Spatial Information Center, North Carolina State University  
 NC-STATE/BOT > Botany Department, North Carolina State University  
 NC-STATE/MEAS > Department of Marine Earth and Atmospheric Sciences, North Carolina State University  
 NC-STATE/SOIL > Soil Science Department, North Carolina State University  
 ND-STATE/COLAG/SOIL > Department of Soil Science, College of Agriculture, North Dakota State University  
 ND-STATE/PLANT > Department of Plant Science, North Dakota State University  
 NE-R/IEC > Interstate Environmental Commission  
 NE-R/NRCC > Northeast Regional Climate Center  
 NERSC > Nansen Environmental and Remote Sensing Centre  
 NEWHAVEN/BES > Department of Biology and Environmental Science, University of New Haven  
 NEWTEL > Newtel Communications Inc.  
 NFPA/FW > Firewise, National Fire Protection Association  
 NGS > National Geographic Society  
 NH/CLIM > State Climate Office, New Hampshire  
 NH/DES/WD/WMB > Watershed Management Bureau, Water Division, Department of Environmental Sciences, New Hampshire  
 NH/DES > Department of Environmental Services, New Hampshire  
 NH/FG > New Hampshire Fish and Game Department  
 NHML > THE NATURAL HISTORY MUSEUM, LONDON  
 NI/MARENA > Ministerio del Ambiente y Recursos Naturales (Ministry of the Atmosphere and Natural Resources), Nicaragua  
 NIBS > National Institute of Building Sciences  
 NIFC/NICC > National Interagency Coordination Center, National Interagency Fire Center  
 NIHON-U/HS/GEOSYS > Department of Geosystem Sciences, Humanities and Sciences, Nihon University  
 NIL-U/GEOG > Department of Geography, Northern Illinois University  
 NIL-U/GEOL > Geology and Environmental Geosciences, Northern Illinois University  
 NILU > Norwegian Institute for Air Research  
 NITG > The Netherlands Institute of Applied Geoscience  
 NJ/CLIM > State Climatologist, New Jersey  
 NJ/DEP/FGW > Division of Fish and Wildlife, Department of Environmental Protection, New Jersey  
 NJIT/BBSO > Big Bear Solar Observatory, New Jersey Institute of Technology  
 NJIT/MATHSCI/BIP > Division of Biological Sciences, Department of Mathematical Sciences, New Jersey Institute of Technology  
 NKI/NITH-OSLO > The Norwegian School of Information Technology (NITH) at Oslo, Norway  
 NL/EPROVINCIES > EProvincies, Netherlands  
 NL/KNMI > Royal Netherlands Meteorological Institute, Netherlands  
 NL/MECS/ITC > International Institute for Geo-Information Science and Earth Observation, Ministry of Education, Culture and Science, Netherlands  
 NL/MNP > Netherlands Environmental Assessment Agency  
 NL/NIOO-KNAW/CEMO > Centre for Estuarine and Coastal Ecology, Netherlands Institute of Ecology, Royal Netherlands Academy of Arts and Sciences, Netherlands  
 NL/NWO/NIOZ/NADC > National Antarctic Data Centre, Netherlands Institute for Sea Research, Netherlands Organization for Scientific Research, Netherlands  
 NL/NWO/NIOZ > Netherlands Institute for Sea Research, Netherlands Organization for Scientific Research, Netherlands  
 NL/RIVM > National Institute of Public Health and the Environment, Netherlands  
 NL/RWS-RIKZ > Rijksinstituut voor Kust en Zee (Institute for Marine and Coastal Management), Netherlands  
 NL/SRON > Space Research Organization Netherlands  
 NL-U/GEOG > Department of Geography, Northern Illinois University >  
 NM/BM/NMGRL/AL > Argon Lab, Geochronology Research Laboratory, Bureau of Mines, New Mexico  
 NM-STATE/CAHE/AEAB > Agricultural Economics and Agricultural Business, College of Agriculture and Home Economics, New Mexico State University  
 NM-STATE/CAHE/AGHORT > Agronomy & Horticulture, College of Agriculture and Home Economics, New Mexico State University  
 NM-STATE/CE/CAGE > Civil and Geological Engineering Department, College of Engineering, New Mexico State University



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 Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau,  
 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

NM-STATE/WRRI > Water Resources Research Institute, New Mexico State University  
 NMTECH/EES/MEVO > Mount Erebus Volcano Observatory, Earth and Environmental Science Department, New Mexico Institute of Mining and Technology  
 NMTECH/EES > Department of Earth and Environmental Science, New Mexico Institute of Mining and Technology  
 NO/IMR > Institute of Marine Research, Bergen, Norway  
 NO/MET > Norwegian Meteorological Institute, Norway  
 NO/MF/IMR > Institute of Marine Research, Ministry of Fisheries, Norway  
 NO/MPE/NVE > The Norwegian Water Resources and Energy Directorate, Ministry of Petroleum and Energy, Oslo, Norway  
 NO/NGU > Geological Survey of Norway, Norway  
 NO/NMA > Norwegian Mapping Agency, Norway  
 NO/NMDC/IMR > Institute of Marine Research, Norwegian Marine Data Centre, Norway  
 NO/NPCA/SOE > State of the Environment, Norwegian Pollution Control Authority, Norway  
 NO/NPI > Norwegian Polar Institute, Norway  
 NOAA > National Oceanic & Atmospheric Administration  
 NOPP/ECCO > Estimating the Circulation and Climate of the Ocean, National Oceanographic Partnership Program  
 NOPP > National Oceanographic Partnership Program  
 NORUT-TROMSO > Northern Research Institute Tromso, Tromso, Norway  
 NOVELL > Novell  
 NP/DMG > Department of Mines & Geology, Nepal  
 NPG > Nature Publishing Group  
 NRCC > Northeast Regional Climate Center  
 NSF > National Science Foundation  
 NSIDC\_AGDC > NSIDC Antarctic Glaciological Data Center  
 NSIDC\_ARCSS > Arctic System Science Data Coordination Center  
 NSIDC\_DAAC > NSIDC Distributed Active Archive Center  
 NSIDC\_FGDC > Frozen Ground Data Center  
 NSIDC\_NOAA > National Oceanic and Atmospheric Administration at the National Snow and Ice Data Center  
 NSIDC\_USADCC > NSIDC U.S. Antarctic Data Coordination Center  
 NSIDC > National Snow and Ice Data Center  
 NSO/GONG > Global Oscillation Network Group, National Solar Observatory  
 NSO/KP > National Solar Observatories, Kitt Peak  
 NSO/SP > National Solar Observatories, Sacramento Peak  
 NTU/ATMO > Department of Atmospheric Science, National Taiwan University  
 NTWARE > Win2000 Archives  
 NUI/MRMSI/AB > AlgaeBase, Martin Ryan Marine Science Institute, National University of Ireland, Galway  
 NWAIS/SN > STREAMNET, Northwest Aquatic Information Network  
 NWRA > Northwest Research Associates, Inc.  
 NWSEED/WPM > Wind Power Maps, Northwest SEED  
 NWU/SESP > School of Education and Social Policy, Northwestern University  
 NY/CLIM > State Climate Office, New York  
 NY/DEC/BMR > Bureau of Marine Resources, Department of Environmental Conservation, New York  
 NY/DEC/DFWMR/MARINE > Bureau of Marine Resources, Division of Fish, Wildlife and Marine Resources, Department of Environmental Conservation, New York  
 NY/DH/WC > Wadsworth Center, Department of Health, New York  
 NY/ED/NYSM > New York State Museum, Education Department, New York  
 NY/NYPA > New York Power Authority  
 NY-NJ/HEP/DD > Data Depot, Harbor Estuary Program, New York-New Jersey  
 NYU/CIMS/CAOS > Center for Atmosphere Ocean Science, Courant Institute of Mathematical Sciences, New York University  
 NZ/GNS > Institute of Geological and Nuclear Sciences Ltd., New Zealand  
 NZ/NIWA > National Institute of Water and Atmospheric Research Ltd, New Zealand  
 NZ/NZAI/ANZ > Antarctica New Zealand, New Zealand Antarctic Institute, New Zealand  
 OAU/AG/SOIL > Department of Soil Science, Faculty of Agriculture, Obafemi Awolowo University  
 OBS-MIP > Observatoire Midi-Pyrenees, Universite Paul Sabatier, Toulouse III  
 OCEANOR > Oceanographic Company of Norway AS  
 OCF > Open Channel Foundation  
 ODU/CCPO > Center for Coastal Physical Oceanography, Old Dominion University  
 ODU/CQFE > Center for Quantitative Fisheries Ecology, Old Dominion University  
 ODU/OEAS > Department of Ocean, Earth and Atmospheric Sciences, Old Dominion University  
 OGC > Open Geospatial Consortium  
 OH/CLIM > State Climate Office, Ohio  
 OH-STATE/BPRC/AGD > Antarctic Geologic Database, Byrd Polar Research Center, The Ohio State University



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

OH-STATE/BPRC/PMG > Polar Meteorology Group, Byrd Polar Research Center, The Ohio State University  
 OH-STATE/BPRC/RR > United States Polar Rock Repository, Byrd Polar Research Center, The Ohio State University  
 OH-STATE/BPRC > Byrd Polar Research Center, The Ohio State University  
 OH-STATE/FABE > Food, Agriculture and Biological Engineering, The Ohio State University  
 OH-STATE/GEOL > Department of Geological Sciences, The Ohio State University  
 OH-STATE/LIB > University Libraries, The Ohio State University  
 OH-STATE/SNR > School of Natural Resources, College of Food, Agriculture, and Environmental Sciences, The Ohio State University  
 OH-STATE/STAT/SSES > Program in Spatial Statistics and Environmental Sciences, Department of Statistics, The Ohio State University  
 OH-U/COM > College of Osteopathic Medicine, Ohio University  
 OITA/CHEM-ENG > Department of Applied Chemistry and Engineering, Oita University  
 OK/OCS > Oklahoma Climatological Survey, Oklahoma  
 OKAYAMA-MISASA/ISEI > Institute for Study of the Earth's Interior, Okayama University at Misasa  
 OK-STATE/ANSI > Department of Animal Sciences, Oklahoma State University  
 OK-STATE/BIOSYSTEMS > Biosystems and Agricultural Engineering, Oklahoma State University  
 OK-STATE/GEOG/OCGI > Oklahoma Center for Geospatial Information, Department of Geography, Oklahoma State University  
 OK-STATE/GEOLOGY > Boone Pickens School of Geology, Oklahoma State University  
 OK-STATE/SOILPHYSICS > Department of Plant and Soil Sciences, Oklahoma State University  
 OL > OCEANLINK  
 OPENDAP > OPeNDAP Inc.  
 OPENLAYERS > OpenLayers  
 OPENU/BIO/DAPTF > Declining Amphibian Population Task Force, Department of Biological Sciences, Open University  
 OPL > Oilfield Publications Limited  
 OR/CLIM > Oregon Climate Service, Oregon  
 OR/DEQ > Department of Environmental Quality, Oregon  
 OR/ODFW/NRIMP > Natural Resources Information Management Program, Oregon Department of Fish and Wildlife, Oregon  
 ORNL\_DAAC > The Oak Ridge National Laboratory (ORNL) Distributed Active Archive Center (DAAC)  
 OR-STATE/BG > Buoy Group, Oregon State University  
 OR-STATE/BLG > Boundary Layer Group, Oregon State University  
 OR-STATE/COAS > College of Oceanic and Atmospheric Sciences, Oregon State University  
 OR-STATE/COF > College of Forestry, Oregon State University  
 OR-STATE/CROP-SOIL > Department of Crop and Soil Science, Oregon State University  
 OR-STATE/EOARC > Eastern Oregon Agriculture Research Center, Oregon State University  
 OR-STATE/FOREST/FSL > Corvallis Forestry Research Community, Department of Forest Science, Oregon State University  
 OR-STATE/FS > Forest Science, Oregon State University  
 OR-STATE/GEO/TGL > Terra Cognita Laboratory, Department of Geosciences, Oregon State University  
 OR-STATE/GEO > Department of Geosciences, Oregon State University  
 OR-STATE/INR > Institute for Natural Resources, Oregon State University  
 OR-STATE/IPPC > Integrated Plant Protection Center, Oregon State University  
 OR-STATE/LARSE > Laboratory for Applications of Remote Sensing in Ecology, Oregon State University  
 OR-STATE/NACSE > Northwest Alliance for Computational Science & Engineering, Oregon State University  
 OR-STATE/RSOO > Remote Sensing Ocean Optics, Oregon State University  
 ORTECH/CGEIC > Canadian Global Emissions Interpretation Centre, Canadian ORTECH Environmental Inc.  
 ORTECH > Canadian ORTECH Environmental Inc.  
 OSGEO > Open Source Geospatial Foundation  
 OSSI > Open Source Software Institute  
 OU/CAPS > Center for Analysis and Prediction of Storms, University of Oklahoma  
 OU/EVAC > Environmental Verification and Analysis Center, University of Oklahoma  
 OXFORD/DPS > Department of Plant Sciences, University of Oxford  
 PA/CLIM > State Climatologist, Pennsylvania  
 PA/DEP > Department of Environmental Protection, Pennsylvania  
 PACINST/WW > World's Water, Pacific Institute for Studies in Development, Environment, and Security  
 PACINST > Pacific Institute for Studies in Development, Environment, and Security  
 PALEOMAP > PALEOMAP Project  
 PAN > Pesticide Action Network  
 PANGAEA/CRP > Cape Roberts Project, PANGAEA  
 PANGAEA/PKDB > International Paleoclimate Database, PANGAEA  
 PANGAEA > PANGAEA - Publishing Network for Geological and Environmental Data  
 PAZ > PAZ Software  
 PCCS > Provincetown Center for Coastal Studies  
 PCIG > PCI Geomatics  
 PDC > Pacific Disaster Center



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

PDI > Plumb Designs Inc.  
 PDX/GEOL > Department of Geology, Portland State University  
 PDX/PHYSICS > Department of Physics, Portland State University  
 PE > PalyEast >  
 PENNSTATE/AG/AERS > Agricultural Economics and Rural Sociology, College of Agriculture, Pennsylvania State University  
 PENNSTATE/AG/SFR > School of Forest Resources, College of Agricultural Sciences, Pennsylvania State University  
 PENNSTATE/EESI/CEI > Center for Environmental Informatics, Earth and Environmental Systems Institute, Pennsylvania State University  
 PENNSTATE/EESI/SOILINFO > Soil Information For Environmental Modeling And Ecosystem Management, Earth and Environmental Systems Institute, Pennsylvania State University  
 PENNSTATE/EMS/GEOG > Department of Geography, Earth and Mineral Science, Pennsylvania State University  
 PENNSTATE/EMS/GEOSCI > Geoscience Department, Earth and Mineral Science, Pennsylvania State University  
 PENNSTATE/EMS/MET > Meteorology Department, Earth and Mineral Sciences, Pennsylvania State University  
 PENNSTATE/ENGR/CE > Civil and Environmental Engineering, College of Engineering, Pennsylvania State University  
 PENNSTATE/ENGR/WATER > Water Resources Engineering, Department of Civil and Environmental Engineering, Pennsylvania State University  
 PGI > Polish Geological Institute  
 PH/DOST/PCARRD > Philippine Council for Agriculture, Forestry and Natural Resources Research and Development, Department of Science and Technology, Philippines  
 PHOTOSAT > PhotoSat Information Ltd.  
 PIK > Potsdam Institute for Climate Impact Research  
 PISCES > PISCES Conservation Ltd.  
 PK/MST/NIO > National Institute of Oceanography, Ministry of Science and Technology, Pakistan  
 PL/PAS/IGF > Institute of Geophysics, Polish Academy of Sciences, Poland  
 PL/PAS/INC > Institute of Nature Conservation, Polish Academy of Sciences, Poland  
 PLACEWAYS > PLACEWAYS  
 PLYMOUTH/WXCENTER > Weather Center, Plymouth State University  
 PMIP > Paleoclimate Modelling Intercomparison Project  
 POLIMI > Politecnico di Milano, Dipartimento di Ingegneria Aerospaziale, Italy  
 PORTO/CSG > Computer Science Group, Porto University  
 POTOMAC/ICPRB > Interstate Commission on the Potomac River Basin  
 PRBO/CADC > California Avian Data Center, Point Reyes Bird Observatory Conservation Science  
 PRINCETON/AOS > Atmospheric and Oceanic Sciences, Princeton University  
 PRINCETON/GEOS > Department of Geosciences, Princeton University  
 PSC > Pittsburgh Supercomputing Center  
 PT/AG/IPIMAR > Instituto de Investigacao das Pescas e do Mar, Ministerio da Agricultura, Portugal  
 PUJ/FEAR > Facultad de Estudios Ambientales y Rurales, Universidad Javeriana, Colombia  
 PURDUE/AG/ABE > Department of Agricultural and Biological Engineering, School of Agriculture, Purdue University  
 PURDUE/AG/AGRON/SOILS/MET > Applied Meteorology Group, Plant and Soils Lab, Department of Agronomy, School of Agriculture, Purdue University  
 PURDUE/AG/AGRON > Department of Agronomy, School of Agriculture, Purdue University  
 PURDUE/AGRON/LARS > Laboratory for Applications of Remote Sensing, Department of Agronomy, Purdue University  
 PURDUE/CERIS/ENTM > Entomology Department, Center for Environmental and Regulatory Information Systems, Purdue University  
 PURDUE/CERIS/NAPIS > National Agricultural Pest Information Service, Center for Environmental and Regulatory Information Systems, Purdue University  
 PURDUE/ECE > Electrical and Computer Engineering, Purdue University  
 PURDUE/EXTENSION > Purdue Extension, Purdue University  
 PURDUE/FNR/HEMA > Human-Environment Modeling and Analysis (HEMA) Laboratory, Department of Forestry and Natural Resources, Purdue University  
 PYTH/CS > Cheese Shop, Python  
 QPAIS > Qualifying Professional Association, Institutions and Societies  
 QUB/BB > Biology and Biochemistry Department, Queen's University, Belfast  
 RAMAS > Ramas Ecological Software  
 RC > RealClimate  
 REEF RELIEF > Reef Relief Organization  
 REEF > Reef Environmental Education Foundation  
 REGENT > Regent Instruments Inc.  
 RFF > Resources for the Future, Inc.  
 RGI > Resource GIS and Imaging Ltd.  
 RHODES/DZE > Department of Zoology and Entomology, Rhodes University  
 RI/DEM/DFW > Division of Fish and Wildlife, Department of Environmental Management, Rhode Island  
 RI/DOA > Department of Administration, Rhode Island  
 RI/DOH > Department of Health, Rhode Island  
 RICE/DES > Department of Earth Science, Rice University  
 RICE/RIS > Rice Space Institute, Rice University



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

RITI > Reading Information Technology, Inc.  
 RMBO > Rocky Mountain Bird Observatory  
 RPI/CS > Computer Science Department, Rensselaer Polytechnic Institute  
 RR > Refractions Research  
 RRES/BROOM > Broom's Barn, Rothamsted Research  
 RRES/GCTE SOMNET/EUROSOMNET > European Soil Organic Matter Network, Global Change and Terrestrial Ecosystems Soil Organic Matter Network, Rothamsted Research  
 RRES/GCTE SOMNET > Global Change and Terrestrial Ecosystems Soil Organic Matter Network, Rothamsted Research  
 RRES/ROTH > Rothamsted, Rothamsted Research  
 RS > Resurgent Software  
 RSI > RADARSAT International  
 RSINC > Research Systems Inc.  
 RSS > Remote Sensing Systems  
 RU/IRE/CPSSI > Center of Processing and Storing the Space Information, IRE RAS, Russia  
 RU/PINRO > Polar Research Institute of Marine Fisheries and Oceanography, Russia  
 RU/RAS/IACP/SML > Satellite Monitoring Laboratory, Institute of Automation and Control Processes, Russian Academy of Sciences, Russia  
 RU/RAS/ICMMG/NTL > Novosibirsk Tsunami Laboratory, Institute of Computational Mathematics and Mathematical Geophysics, Russian Academy of Sciences, Russia  
 RU/RAS/I-GEOG > Institute of Geography, Russian Academy of Sciences, Russia  
 RU/RAS/SCG > Scientific Centre for Geocology, Russian Academy of Sciences, Russia  
 RU/RAS/SIO > P.P. Shirshov Institute of Oceanology, Russian Academy of Sciences, Russia  
 RU/RAS/ZIN > Zoological Institute, Russian Academy of Sciences, Russia  
 RU/ROSHYDROMET/FERHRI > Far East Regional Hydrometeorological Research Institute, Russian Federal Service for Hydrometeorology and Environmental Monitoring, Russia  
 RU/SRI/SMIS > Space Monitoring Information Support Laboratory, Space Research Institute, Russia  
 RU/VNIRO > Russian Research Institute for Marine Fishing and Oceanography, Russia  
 RUG/ARTIC > Arctic Centre, University of Groningen, The Netherlands  
 RUG/BIO > Biology Department, University of Groningen, The Netherlands  
 RUG/M-BIO > Department of Marine Biology, University of Groningen, The Netherlands  
 CC/CRSSA > Center for Remote Sensing and Spatial Analysis, Cook College, Rutgers University  
 RUTGERS/CC/DES/GSMDB > Global Soil Moisture Data Bank, Department of Environmental Science, Cook College, Rutgers University  
 RUTGERS/CC/HE > Human Ecology, Cook College, Rutgers University  
 RUTGERS/CUPR > Center for Urban Policy Research, Rutgers University  
 RUTGERS/ENVISAT > Department of Environmental Sciences, Rutgers University  
 RUTGERS/IMCS/COOL > Coastal Ocean Observation Lab, Institute of Marine and Coastal Sciences, Rutgers University  
 RUTGERS/IMCS > Institute of Marine and Coastal Sciences, Rutgers University  
 RWI > RockWare, INC.  
 RWTH-AACHEN/KLIMAGED > Physical Geography and Climatology Group, RWTH Aachen University, Germany  
 SA > Sycamore Associates  
 SAHC > Southern Appalachian Highlands Conservancy  
 SAHFOS > Sir Alister Hardy Foundation for Ocean Science  
 SAIC > Science Applications International Corporation  
 SA-INC > Sylvan Ascent Inc.  
 SAMAB > The Southern Appalachian Man and the Biosphere  
 SANGIS > San Diego GIS  
 SANI/ITA > Sani-International Technology Advisors Inc.  
 SATOBSYS > Satellite Observing Systems  
 SC/DNR/SERTC > Southeast Regional Taxonomic Center, Department of Natural Resources, South Carolina  
 SC/DNR/WRD/SERCC > Southeast Regional Climate Center, Water Resources Division, Department of Natural Resources, South Carolina  
 SC/EMD > Emergency Management Division, South Carolina  
 SC/SFA > Seychelles Fishing Authority, Seychelles  
 SCC-FL/PHYSSCI > Department of Physical Sciences, Seminole Community College  
 SCCI > StormCenter Communications, Inc.  
 SCENOMICS > Scenomics  
 SCES/RELM > Regional Earthquake Likelihood Models ,Southern California Earthquake Center  
 SCIAM > Scientific American, Inc.  
 SCIFISH > Scientific Fishery Systems Inc.  
 SCO > Social Change Online  
 SCRIPPS/C4 > Center for Clouds Chemistry and Climate, Scripps Institution of Oceanography  
 SCRIPPS/CALSPACE/AARC > Arctic & Antarctic Research Center, California Space Institute, Scripps Institution of Oceanography  
 SCRIPPS/CALSPACE > California Space Institute, Scripps Institution of Oceanography



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 Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

SCRIPPS/CCS > Center for Coastal Studies, Scripps Institution of Oceanography  
 SCRIPPS/CMBB > Center for Marine Biotechnology and Biomedicine, Scripps Institution of Oceanography  
 SCRIPPS/GEOSCI > Geosciences Research Division, Scripps Institution of Oceanography  
 SCRIPPS/IGPP/VC > Visualization Center, Institution of Geophysics and Planetary Physics, Scripps Institution of Oceanography  
 SCRIPPS/IGPP > Institution of Geophysics and Planetary Physics, Scripps Institution of Oceanography  
 SCRIPPS/IOD/CDIP > Coastal Data Information Program, Integrative Oceanography Division, Scripps Institution of Oceanography  
 SCRIPPS/JEDAC > Joint Environmental Data Analysis Center, Scripps Institution of Oceanography  
 SCRIPPS/MARINE > Marine Physical Laboratory, Scripps Institution of Oceanography  
 SCRIPPS/METEORA > Climate Research Division, Scripps Institution of Oceanography  
 SCRIPPS/MLRG > Marine Life Research Group, Scripps Institution of Oceanography  
 SCRIPPS/ODF > Oceanographic Data Facility, Scripps Institution of Oceanography  
 SCRIPPS/PORD > Physical Oceanography Research Division, Scripps Institution of Oceanography  
 SCRIPPS/SOPAC > Scripps Orbit and Permanent Array Center, Scripps Institution of Oceanography  
 SCRIPPS/SSF > Satellite Facility, Scripps Institution of Oceanography  
 SCSU/ESC > Department of Earth Sciences, Southern Connecticut State University  
 SCSU/SETS/BIO > Department of Biological Sciences, School of Engineering Technology and Sciences, South Carolina State University  
 SDI/P > Pollen.com, Surveillance Data, Inc.  
 SDLS > Antarctic Seismic Data Library System  
 SD-STATE/ABS/AES > Agricultural Experiment Station, College of Agriculture and Biological Sciences, South Dakota State University  
 SD-STATE/SDSMT/MUSEUM > Museum of Geology, School of Mines and Technology, South Dakota State University  
 SD-STATE/SDSMT > School of Mines and Technology, South Dakota State University  
 SDSU/GEOINFO > Gateway of Geospatial Information Technology, San Diego State University  
 SE/IRF-K/AF > Atmospheric Research Programme, Swedish Institute of Space Physics in Kiruna, Sweden  
 SE/ME/SMHI > Swedish Meteorological and Hydrological Institute, Ministry of the Environment, Sweden  
 SE/SGU > Geological Survey of Sweden, Sweden  
 SE/ST/SMNH > The Swedish Museum of Natural History, Stockholm, Sweden  
 SEA-COOS > Southeast Atlantic Coastal Ocean Observing System  
 SEDAC > Socioeconomic Data and Applications Center  
 SEEDS > Seeds Foundation, Canada  
 SEI > Stockholm Environment Institute-Boston Center  
 SEPM > Society for Sedimentary Geology  
 SERVO-GRID > Solid Earth Research Virtual Observatory Grid  
 SFU-CA/GEOG > Geography Department, Simon Fraser University  
 SI/GSS > Geophysical Survey of Slovenia, Slovenia  
 SI/GVP > Global Volcanism Program, Smithsonian Institution  
 SI/NMNH/DSB/BOTANY > Botany Section, Department of Systematic Biology, National Museum of Natural History, Smithsonian Institution  
 SI/NMNH/ENTO > Entomology Department, National Museum of Natural History, Smithsonian Institution  
 SI/NMNH > National Museum of Natural History, Smithsonian Institution  
 SI/SERC > Smithsonian Environmental Research Center, Smithsonian Institution  
 SI/STRI/BIOGEODB/ > Office of Bioinformatics, Smithsonian Tropical Research Institute, Smithsonian Institution  
 SI/STRI/MESP > Marine Environment Sciences Program, Smithsonian Tropical Research Institute, Smithsonian Institution  
 SIDC > SETI Institute Data Center  
 SIENA/SOS/PHYSICS/ANTARCTIC > Space and Upper Atmosphere Physics, Department of Physics, Siena College  
 SII > Sirenian International, Inc.  
 SINAUER > Sinauer Associates, Inc.  
 SINICA > Academic Sinica  
 SITEX > SiteX  
 SIU/MICRO-BIO > Department of Microbiology, Southern Illinois University  
 SIU-CARBONDALE/GEOL > Department of Geology, Southern Illinois University - Carbondale  
 SKIO > Skidway Institute of Oceanography  
 SLU/EAS > Earth and Atmospheric Sciences, Saint Louis University  
 SLU/SOILS > Department of Soil Science, Swedish University of Agricultural Sciences  
 SMLTD/RESMAP > ResMap, Spatial Mapping Ltd.  
 SMLTD > Spatial Mapping Ltd.  
 SMRU > University of St. Andrews, Sea Mammal Research Unit, Scotland  
 SMU/GEOL > Department of Geology, Saint Mary's University  
 SOFTMAP > SoftMap Publishing Inc.  
 SOFTREE > Softree Technical Systems Inc.  
 SOL > SoL Energy  
 SOPAC > South Pacific Applied Geoscience Commission  
 SOS/ALLIANCE > Southern Oxidants Study Strategic Alliance



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

SOURCEFORGE > SourceForge.net  
 SP > Spatial Ecology  
 SPOT/FR > SPOT Image Corporation, France  
 SPOT/US > SPOT Image Corporation, US  
 SPS > Space Research Software  
 SR/SRCC > Southern Region Climate Center  
 SRBC > Susquehanna River Basin Commission  
 SRC > Syracuse Research Corporation  
 SSC/ESRANGE > Esrange Satellite Station, Swedish Space Corporation  
 SSC/SATELLITBILD > Satellitbild, Swedish Space Corporation  
 SSC > Salem Sound Coastwatch  
 SSI/SWC > Space Weather Center, Space Science Institute  
 SSS > Silicon Spaceships  
 SSSA > Soil Science Society of America  
 STANFORD-U/CEE > Department of Civil & Environmental Engineering, Stanford University  
 STANFORD-U/CSSA/WO > Wilcox Solar Observatory, Center for Space Science and Astrophysics, Stanford University  
 STANFORD-U/IIS/CESP > Center for Environmental Science and Policy, Institute for International Studies, Stanford University  
 STANFORD-U/JRBP/LSSF > Leslie Shao-ming Sun Field Station, Jasper Ridge Biological Preserve, Stanford University  
 STANFORD-U/SES/GES > Department of Geological and Environmental Sciences, School of Earth Sciences, Stanford University  
 STANFORD-U/SES/MARVE > Marine Virtual Explorer, School of Earth Sciences, Stanford University  
 STANFORD-U/SES/SCRF > Stanford Center for Reservoir Forecasting, School of Earth Sciences, Stanford University  
 STANFORD-U/SHA > Stanford Helioseismology Archive, Stanford University  
 STANFORD-U/STAR/VLF > Very Low Frequency Group, STARLab, Stanford University  
 STD > Solar Terrestrial Dispatch  
 STEVENS/CIESE > Center for Improved Engineering and Science Education, Stevens Institute of Technology  
 ST-OLAF/CEGSIC > Center for Geophysical Studies of Ice and Climate, St. Olaf College  
 STRATEGIES > Institute for Global Environmental Strategies  
 SU/CSC/KMR > Knowledge Management Group, School of Computer Science and Communication, Stockholm University  
 SUNY-ALBANY/CAS/ATMOS > Department of Earth and Atmospheric Sciences, Collage of Arts and Sciences, State University of New York, Buffalo  
 SUNY-BINGHAMTON/BIO > Department of Biological Sciences, State University of New York, Binghamton  
 SUNY-BINGHAMTON/GCCF > GIS Campus Core Facility, State University of New York, Binghamton  
 SUNY-BUFFALO/PHYS > Department of Physics, State University of New York, Buffalo  
 SUNYSB/SOMAS > School of Marine and Atmospheric Sciences, Stony Brook University  
 SUNY-SYRACUSE/ESF/CHEMISTRY-DEPARTMENT > Chemistry Department, College of Environmental Science and Forestry, State University of New York, Syracuse, NY  
 SWRI/IDDS > IMAGE Data Delivery System, Southwest Research Institute  
 SWRI > Southwest Research Institute  
 SYRACUSE/ES/TGIGRG > Thermochronology, Geochronology, and Isotope Geochemistry Research Group, Department of Earth Sciences, Syracuse University  
 SYRACUSE/ES > Department of Earth Sciences, Syracuse University  
 TAC > Aerospace Corporation  
 TAIR > The Arabidopsis Information Resource  
 TAMU/BAEN/DFS/SSL > Spatial Sciences Laboratory, Department of Forest Science, Biological & Agricultural Engineering, Texas A&M University  
 TAMU/BAEN > Biological & Agricultural Engineering, Texas A&M University  
 TAMU/BWG > Bioinformatics Working Group, Texas A&M University  
 TAMU/CGS/ODP > Ocean Drilling Program, College of Geosciences, Texas A&M University  
 TAMU/ENTO > Department of Entomology, Texas A&M University  
 TAMU/GERG > Geochemical & Environmental Research Group, Texas A&M University  
 TAMU/OCEAN > Department of Oceanography, Texas A&M University  
 TAMUCC/CVEP > Cabeza de Vaca Earthmobile Project, Texas A&M University-Corpus Christi  
 TAMUCC/DNR > Division of Nearshore Research, Texas A&M University-Corpus Christi  
 TATUKGIS > TatuKGIS  
 TCBB > The Coalition for Buzzards Bay  
 TCS > The Climate Source, Inc.  
 TELEMOR > Telemorphic, Inc.  
 TERC > TERC  
 TGS > Texas Geographic Society  
 TH/AIT/GIC > Geoinformatics Center, Asian Institute of Technology, Thailand  
 TH/MSTE/GISTDA > Geo-Informatics and Space Technology Agency, Minister of Science, Technology and Environment, Thailand  
 THE MIT PRESS > MIT Press  
 TLC > The Lobster Conservancy



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

TN/DEC > Department of Environment and Conservation, Tennessee  
 TNC/GIS > GIS, The Nature Conservancy  
 TNC > The Nature Conservancy  
 TNRIS > Texas Natural Resources Information System  
 TOHOKU/PAT > Planetary Atmosphere Physics Laboratory, Tohoku University, Japan  
 TOHOKU/SCI > Graduate School of Science, Tohoku University, Japan  
 TOLWEB > Tree of Life Web Project  
 TOWSON-U/CGIS > Center for Geographic Information Sciences, Towson University  
 TOWSON-U/CSM > College of Science and Mathematics, Towson University  
 TQ > Think Quest  
 TRENT/GEOG > Department of Geography, Trent University  
 TRINET > TriNet  
 TSC > Tropical Science Center  
 TTRS > Tall Timbers Research Center  
 TTU/MTTU/PALEO > Paleontology Division, Museum of Texas Tech University, Texas Tech University  
 TUAT/FA/PF > Phytorn Facility, Faculty of Agriculture, Tokyo University of Agriculture and Technology  
 TU-BERLIN/IWAWI > Institut für Wasserbau und Wasserwirtschaft, Technical University of Berlin  
 TU-BERLIN/KLIMA > Department of Climatology, Institute of Ecology, Technical University of Berlin, Germany  
 TUFTS/TIE > Tufts Institute of the Environment, Tufts University  
 TUFTS/VET/CCM > Center for Conservation Medicine, Tufts Cummings School of Veterinary Medicine, Tufts University  
 TVA/ERC > Environmental Research Center, Tennessee Valley Authority  
 TVA > Tennessee Valley Authority  
 TWC > The Weather Channel  
 TWS > The Wilderness Society  
 TX/RRC > Railroad Commission, Texas  
 TX/TCEQ/WQ > Water Quality Division, Texas Commission on Environmental Quality, Texas  
 TZ/MEM/MRD > Mineral Resources Department, Ministry of Energy and Minerals, Tanzania  
 U.S. SATELLITE LABORATORY > U.S. Satellite Laboratory  
 UA/NASC > National Antarctic Scientific Centre of the Ukraine  
 UA/NODC/BIO > Biological National Oceanographic Data Center of Ukraine  
 UA/SRI/DSITS/SERVICES > Services, Department of Space Information Technology and Systems, Space Research Institute, Ukraine  
 UA/UAS/IBSS > Institute of Biology of the Southern Seas, Ukrainian Academy of Science, Ukraine  
 UA/UAS/MHI > Marine Hydrophysical Institute, Ukrainian Academy of Sciences, Ukraine  
 U-ADELAIDE/GISCA > Geographic Information Systems Cooperative of Adelaide, University of Adelaide  
 UAH-ES/PHYS/GIFA > Group of Investigation in Environmental Physics, Fisica(Physics), Universidad de Alcalá de Henares - Spain  
 UAK > University of Alaska, School of Fisheries  
 UAK-F/BW/IAB > Institute of Arctic Biology, Biology & Wildlife, University of Alaska Fairbanks  
 UAK-F/GI/GDC > GeoData Center, Geophysical Institute, University of Alaska Fairbanks  
 UAK-F/GI > Geophysical Institute, University of Alaska, Fairbanks  
 UAK-F/INE/WERC > Water and Environmental Research Center, Institute of Northern Engineering, University of Alaska, Fairbanks  
 UAK-F/SALMON > Sea-Air-Land Modeling and Observing Network, University of Alaska, Fairbanks  
 UAK-F/SFOS/AOOS > Alaska Ocean Observing System, School of Fisheries and Ocean Sciences, University of Alaska - Fairbanks  
 UAK-F/SFOS/ASG > Alaska Sea Grant, School of Fisheries and Ocean Sciences, University of Alaska - Fairbanks  
 UAK-F/SFOS/IMS > Institute of Marine Science, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks  
 UAK-F/SNRAS/AFES/PRC > Palmer Research Center, Agriculture and Forestry Experiment Station, School of Natural Resources & Agricultural Science, University of Alaska Fairbanks  
 UAL-B/BIO > Department of Biology, University of Alabama, Birmingham  
 UALBERTA/RR > Department of Renewable Resources, University of Alberta  
 UAL-H/ATMOS/ESSL > Earth System Science Laboratory, Department of Atmospheric Sciences, University of Alabama, Huntsville  
 UAL-H/ATMOS > Department of Atmospheric Sciences, University of Alabama, Huntsville  
 UAL-H/ITSC/SUBSET > Subset, Information Technology and Systems Center, University of Alabama, Huntsville  
 UAL-H/ITSC > Information Technology and Systems Center, University of Alabama, Huntsville  
 UAM/DB > Departamento de Biología, Universidad Autónoma de Madrid  
 U-AMSTERDAM/IBED > Institute for Biodiversity and Ecosystem Dynamics, University of Amsterdam  
 UARK/CAST > Center for Advanced Spatial Technologies, University of Arkansas  
 UAZ/AGLS/OALS/ARIA > Arizona Regional Image Archive, Office of Arid Lands Studies, College of Agriculture and Life Sciences, University of Arizona  
 UAZ/AGLS/OALS/RV > RangeView, Office of Arid Lands Studies, College of Agriculture and Life Sciences, University of Arizona  
 UAZ/AGLS/OALS > Office of Arid Lands Studies, College of Agriculture and Life Sciences, University of Arizona  
 UAZ/AGLS/SRNR > School of Renewable Natural Resources, College of Agriculture and Life Sciences, University of Arizona  
 UAZ/AGLS/SWES/AZMET > The Arizona Meteorological Network, Soils, Water and Environmental Science Department, College of Agriculture and Life Sciences, University of Arizona



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

UAZ/AGLS/SWES > Soil, Water and Environmental Science, College of Agriculture and Life Sciences, University of Arizona  
 UAZ/AGLS/WRRC > Arizona Water Resources Research Center, College of Agriculture and Life Sciences, The University of Arizona  
 UAZ/CS > Department of Computer Science, University of Arizona  
 UAZ/GEOSCI/RADIOCARBON > Radiocarbon, Department of Geosciences, University of Arizona  
 UAZ/GEOSCI > Department of Geosciences, University of Arizona  
 UAZ/WALTER > Wildfire Alternatives, University of Arizona  
 UB/SGS/BRIDGE > Bristol Research Initiative for the Dynamic Global Environment, School of Geographical Sciences, University of Bristol  
 UBA/FCEN/EGE > Department of Ecology, Genetics and Evolution, Faculty of Exact and Natural Sciences, University of Buenos Aires  
 UBC/EOS > Earth and Ocean Sciences, University of British Columbia  
 UBC/FOR > Forestry, University of British Columbia  
 U-BERGEN/GEOG > Geography Department, University of Bergen  
 U-BERN/PI/CEP > Climate and Environmental Physics, Physics Institute, University of Bern  
 UB-ES/FGEO/DGG > Departamento Geodinamica y Geofisica, Facultad de Geologia, Universidad de Barcelona  
 UBIRM/PHYS-AST/AST-SP > Astrophysics and Space Research Group, School of Physics and Astronomy, University of Birmingham, UK  
 UBO-IUEM/LOC-CHIMAR > Laboratoire de Chimie Marine (CHIMAR), Institut Universitaire Europeen de la Mer (IUEM), Universite de Bretagne Occidentale (UBO)  
 UBONN/GEOG/GIS > GIS and Remote Sensing, Department of Geography, Universitaet Bonn  
 U-BOURGOGNE/CRC > Centre for Climatic Research, University of Bourgogne  
 U-BREMEN/IUP > Institute of Environmental Physics and Remote Sensing, University of Bremen  
 UC - ERLANGEN-NURNBERG > Geology Department, Universitat Erlangen-Nurnberg  
 U-CADIZ/FA > Departamento Fisica Aplicada, Universidad de Cadiz  
 UCAR/COMET > Cooperative Program for Operational Meteorology, Education and Training, University Corporation for Atmospheric Research  
 UCAR/COSMIC/CDAAC > COSMIC Data Analysis and Archive Center, Constellation Observing System for Meteorology, Ionosphere and Climate, University Corporation for Atmospheric Research  
 UCAR/ESMF > Earth System Modeling Framework, University Corporation for Atmospheric Research  
 UCAR/JOSS > Joint Office for Science Support, University Corporation for Atmospheric Research  
 UCAR/NCAR/ACD/CPRM > Chemical Processes and Regional Modeling Group, Atmospheric Chemistry Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/ACD > Atmospheric Chemistry Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CGD/CAS > Climate Analysis Section, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CGD/CCSM > Community Climate System Model, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CGD/CMS > Climate Model Section, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CGD/OCE > Oceanography Section, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CGD/TSS > Terrestrial Sciences Section, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CGD > Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CISL/DSS > Data Support Section, Computational and Information Systems Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CISL/HSS/DASG > Data Analysis Services Group, High End Services Section, Computational & Information Systems, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CISL/VETS/CDP > Community Data Portal, Visualization and Enabling Technologies Section, Computational and Information Systems Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/CISL/VETS > Visualization and Enabling Technologies Section, Computational and Information Systems Laboratory, National Center for Atmospheric Research, UCAR  
 UCAR/NCAR/EDOUT > Education and Outreach, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/EOL/CEOPDM > CEOP Data Management, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/EOL/CODIAC > Cooperative Distributed Interactive Atmospheric Catalog System, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/EOL/RAF > Research Aviation Facility, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/EOL/RDP > Research Data Program, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/EOL/RTF/ISFF > Integrated Surface Flux Facility, Research Technology Facility, Earth Observing Laboratory, National Center for Atmospheric Research, UCAR  
 UCAR/NCAR/EOL/RTF > Research Technology Facility, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UCAR/NCAR/EOL > Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/EPO/E-BRIDGE > Educator's Bridge, Education and Outreach, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/HAO/CEDAR > Coupling, Energetics and Dynamics of Atmospheric Regions, High Altitude Observatory, National Center for Atmospheric Research, UCAR  
 UCAR/NCAR/HAO > High Altitude Observatory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/MMM/MPG > Mesoscale Prediction Group, Mesoscale and Microscale Meteorology, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/MMM/PPWS > Prediction Of Precipitating Weather Systems Group, Mesoscale and Microscale Meteorology, National Center for Atmospheric Research, UCAR  
 UCAR/NCAR/MMM > Mesoscale and Microscale Meteorology, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/RAP > Research Application Program, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/NCAR/SERE/ISSE > Institute for the Study of Society and Environment, Societal-Environmental Research and Education Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research  
 UCAR/UNIDATA > Unidata, University Corporation for Atmospheric Research  
 UCAR/WZU > Windows to the Universe, University Corporation for Atmospheric Research  
 UC-BERKELEY/BSL/NCEDC > Northern California Earthquake Data Center, Berkeley Seismological Laboratory, University of California, Berkeley  
 UC-BERKELEY/CAMFER > Center for the Assessment and Monitoring of Forest and Environmental Resources, University of California, Berkeley  
 UC-BERKELEY/CED > College of Environmental Design, University of California Berkeley  
 UC-BERKELEY/CEDR/REGIS > Research Program in Environmental Planning and Geographic Information Systems, Center for Environmental Design Research, University of California, Berkeley  
 UC-BERKELEY/CNR/ESPM > Department of Environmental Science, Policy and Management, College of Natural Resources, University of California, Berkeley  
 UC-BERKELEY/CS/DLP > Digital Library Project, Computer Science, University of California, Berkeley  
 UC-BERKELEY/ERG > Energy and Resources Group, University of California, Berkeley  
 UC-BERKELEY/ESML > Earth Science and Map Library, University of California Berkeley  
 UC-BERKELEY/GSE > Graduate School of Education, University of California at Berkeley  
 UC-BERKELEY/I-BIO > Department of Integrative Biology, University of California, Berkeley  
 UC-BERKELEY/M-PALEO > Museum of Paleontology, University of California, Berkeley  
 UC-BERKELEY/PEER > Pacific Earthquake Engineering Research Center, University of California, Berkeley  
 UC-BERKELEY/PHYSICS > Physics Department, University of California, Berkeley  
 UC-BERKELEY/SSL/CSE > Center for Science Education Space Sciences Laboratory, University of California at Berkeley  
 UC-BERKELEY/SSL/SPRG > Space Physics Research Group, Space Sciences Laboratory, University of California, Berkeley  
 UC-BERKELEY/SSL/THEMIS > THEMIS Mission, Space Sciences Laboratory, University of California, Berkeley  
 UC-BERKELEY/SSL > Space Sciences Laboratory, University of California, Berkeley  
 UC-BERKELEY/UCJEPS > The University and Jepson Herbaria, University of California, Berkeley  
 UC-DAVIS/ANR/IPM > Integrated Pest Management Program, Agriculture and Natural Resources, University of California, Davis  
 UC-DAVIS/CAES/DEH/DENDROME > Dendrome, Department of Environmental Horticulture, College of Agriculture and Environmental Sciences, University of California, Davis  
 UC-DAVIS/CAES/LAWR/ATMO > Atmospheric Science, Department of Land, Air and Water Resources, College of Agriculture and Environmental Sciences, University of California, Davis  
 UC-DAVIS/CAES/POM > Department of Pomology, College of Agriculture and Environmental Sciences, University of California, Davis  
 UC-DAVIS/CNL > Crocker Nuclear Laboratory, University of California, Davis  
 UC-DAVIS/DES/ICE > Information Center for the Environment , Department of Environmental Science and Policy, University of California, Davis  
 UC-DAVIS/DWFCB > Department of Wildlife and Fisheries Conservation Biology, University of California, Davis  
 UC-DAVIS/GEOL/PALEOMAG > Paleomagnetism Laboratory, Geology Department, University of California, Davis  
 UCHILE/FCFM/DFI > Departamento de fisica, Facultad de Ciencias Fisicas y Matematicas, Universidad de Chile, Chile  
 UC-IRVINE/EEB > Department of Ecology and Evolutionary Biology, University of California, Irvine  
 UC-IRVINE/PHYSSCI/CHEM > Department of Chemistry, School of Physical Sciences, University of California, Irvine  
 UC-IRVINE/PHYSSCI/ESS > Earth System Science, School of Physical Sciences, University of California, Irvine  
 UCL/GEOENG/ICEDS > Integrated CEOS European Data Server, Department of Geomatic Engineering, University College London  
 UC-LA/ATMOS/ESM > Earth System Modeling Group, Department of Atmospheric and Oceanic Sciences, University of California, Los Angeles  
 UC-LA/IGPP/SSC > Space Science Center, Institute of Geophysics and Planetary Physics, University of California, Los Angeles  
 UCLA/SAMBA > South American Meridional B-field Array data center, University of California, Los Angeles  
 UC-LA/SMBO > Santa Monica Bay Observatory, University of California, Los Angeles  
 UC-LONDON/GEOG > Department of Geography, University College London  
 UC-LONDON/SC-PHYS/MSSL > Mullard Space Sciences Laboratory, Department of Space and Climate Physics, University College London >  
 UC-LOUVAIN/PHYS/IAGGL > Institut d'Astronomie et de Geophysique Georges Lemaitre, Departement de Physique Universite Catholique de Louvain  
 UCM/BIO > Faculty of Biology, Universidad Complutense de Madrid  
 UCO/CEAS/CCAR > Colorado Center for Astrodynamics Research, College of Engineering and Applied Science, University of Colorado



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 Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UCO/CIEI > Center for Imaging the Earth's Interior, University of Colorado  
 UCO/CIRES > Cooperative Institute for Research in Environmental Sciences, University of Colorado  
 UCO/INSTAAR/QGISL > Quarternary GIS Laboratory, Institute of Arctic and Alpin Research, University of Colorado  
 UCO/LASP/AIM > AIM Mission, Laboratory for Atmospheric and Space Physics, University of Colorado  
 UCO/LASP/CISM/KTG > Knowledge Transfer Group, Center for Integrated Space Weather Modelling, Laboratory for Atmospheric and Space Physics, University of Colorado  
 UCO/LASP/LISIRD > Lasp Interactive Solar IRradiance Datacenter, Laboratory for Atmospheric and Space Physics, University of Colorado  
 UCO/LASP/SEE > SEE Science Team, Laboratory for Atmospheric and Space Physics, University of Colorado  
 UCO/LASP/SNOE > Student Nitric Oxide Explorer, Laboratory for Atmospheric and Space Physics, University of Colorado  
 UCO/LASP/SORCE > SORCE Science Team, Laboratory for Atmospheric and Space Physics, University of Colorado  
 UCO/LASP > Laboratory for Atmospheric and Space Physics, University of Colorado  
 UCO/MAPSTEDI > MAPSTEDI, University of Colorado  
 UCO/NHC > Natural Hazards Center, University of Colorado  
 UCONN/CANR/CLEAR > Center for Land use Education And Research, College of Agriculture and Natural Resources, University of Connecticut  
 UCONN/EEB > Ecology and Evolutionary Biology, University of Connecticut  
 UCONN/ENGR > School of Engineering, University of Connecticut  
 UCONN/MARINE > Marine Science, University of Connecticut  
 UCR/BIOLOGIA/MUSEO > Museum of Zoology, Biology Department, University of Costa Rica  
 U-CRANFIELD/SILSOE/NSRI > National Soil Resources Institute, University of Cranfield, Silsoe  
 UC-RIVERSIDE/CNAS/ENVIRO > Environmental Science, College of Natural and Agricultural Sciences, University of California, Riverside  
 UC-RIVERSIDE/CNAS/ES > Department of Earth Science, College of Natural and Agricultural Sciences, University of California, Riverside  
 UC-SB/ADL > Alexandria Digital Library, University of California, Santa Barbara  
 UC-SB/BREN-ENVI/BIO-GEOG > BioGeography Lab, Donald Bren School of Environmental Science and Management, University of California, Santa Barbara  
 UC-SB/BREN-ENVI/EIL > Environmental Information Lab, Donald Bren School of Environmental Science & Management, University of California, Santa Barbara  
 UC-SB/GEOG/OPL > Ocean Physics Laboratory, Department of Geography, University of California, Santa Barbara  
 UC-SB/ICESS > Institute for Computational Earth System Science, University of California, Santa Barbara  
 UC-SB/ICS > Institute for Crustal Studies, University of California, Santa Barbara  
 UC-SB/NCEAS/KDE > Kids Do Ecology, National Center for Ecological Analysis and Synthesis, University of California, Santa Barbara  
 UC-SB/NCEAS/PDDB > Paleobiology Database, National Center for Ecological Analysis and Synthesis, University of California-Santa Barbara  
 UC-SB/NCGIA > National Center for Geographic Information and Analysis, University of California, Santa Barbara  
 UC-SB/SPOT > Center for SPOT Imagery, University of California, Santa Barbara  
 UC-SC/BEOE/MATH-STAT > Applied Mathematics and Statistics, Baskin School of Engineering, University of California, Santa Cruz  
 UC-SC/CBSE > Center for Biomolecular Science and Engineering, University of California, Santa Cruz  
 UC-SC/EARTH-SCI > Earth Sciences Department, University of California, Santa Cruz  
 UC-SC/IMS > Institute of Marine Sciences, University of California, Santa Cruz  
 UC-SD/CHEM > Department of Chemistry and Biochemistry, University of California, San Diego  
 UC-SD/DFPM > Department of Family and Preventive Medicine, University of California, San Diego  
 UC-SD/IEK > ISS EarthKAM, University of California, San Diego  
 UC-SD/SDSC > San Diego Supercomputer Center, University of California, San Diego  
 UC-SEDE MEDELLIN/GEOSCI > School of Geoscience, University of Colombia, Sede Medellin  
 UCT/OCEAN > Department of Oceanography, University of Cape Town  
 UDEC/EBMD > Estacion de Biologia Marina-Dichato, Universidad de Concepcion, Chile  
 UDEC-CL/COPAS > Center for Oceanographic Research in the eastern South Pacific FONDAP-COPAS, University of Concepcion, CHILE  
 UDEL/CMS > Graduate College of Marine Studies, University of Delaware  
 UDEL/GEOG/CCR > Center For Climate Research, Department of Geography, University of Delaware  
 UDEL/RDMS/DGIC/DIME > Delaware Internet-based Metadata Entry, Delaware Geospatial Information Clearinghouse, Research Data Management Services, University of Delaware  
 UDEL/RDMS > Research Data Management Services, University of Delaware  
 UDP/FCNET/CEREB > Centro de Estudios de Recursos Bioticos, Facultad de Ciencias Naturales, Universidad de Panama  
 UDPV/PHYS > Depto. Fisica Aplicada II, Universidad del Pais Vasco  
 UEA/SES/CRU > Climatic Research Unit, School of Environmental Sciences, University of East Anglia  
 UEA/SES/SOLAS > Surface Ocean Lower Atmosphere Study, School of Environmental Sciences, University of East Anglia, UK  
 UE-EDINBURGH/DL/EDINA > EDINA, Data Library, University of Edinburgh  
 UE-EDINBURGH/GEOG/TB > Tephabase, Department of Geography, University of Edinburgh  
 UE-EDINBURGH/GEOG > Department of Geography, University of Edinburgh  
 UFL/BOTANY > Department of Botany, University of Florida  
 UFL/CDCP/GFPIRC > Geo-Facilities Planning & Information Center, College of Design Construction and Planning, University of Florida  
 UFL/GEOG > Geography Dept., University of Florida  
 UFL/IFAS/CAIP > Center for Aquatic and Invasive Plants, Institute of Food and Agricultural Sciences, University of Florida



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 Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UFL/IFAS/SFRC > School of Forest Resources and Conservation, Institute of Food and Agricultural Sciences, University of Florida  
 UFL/IFAS > Institute of Food and Agricultural Sciences, University of Florida  
 UFPR/CEM > Center of Studies of the Sea, Federal University of the Parana  
 UG/UWA > Uganda Wildlife Authority, Uganda  
 UGA/AG-ES/OI-AG > Office of International Agriculture, College of Agricultural and Environmental Sciences, University of Georgia  
 UGA/BAE > Department of Biological and Agricultural Engineering, University of Georgia  
 UGA/CAES/ENTO > Department of Entomology, College of Agricultural and Environmental Sciences, University of Georgia  
 UGA/FRANKLIN/MARINESCIENCES > Department of Marine Sciences, Franklin College of Arts and Sciences, University of Georgia  
 UGA/NUVMC > National UV Monitoring Center, University of Georgia  
 U-GOETTINGEN/GEOG-INST/P-GEOG > Department of Physical Geography, Geographical Institute, University of Goettingen  
 UH&I-UK/SAMS > Scottish Association for Marine Science, University of Highlands and Islands, UK  
 U-HELSINKI/DPS/DOG > Division of Geophysics, Department of Physical Sciences, University of Helsinki, Finland  
 U-HELSINKI/GEOL > Department of Geology, University of Helsinki, Finland  
 U-HELSINKI/SEISMO > Institute of Seismology, University of Helsinki, Finland  
 UHI/DB > Department of Botany, University of Hawaii  
 UHI/IA/MO > Mees Solar Observatory, Institute for Astronomy, University of Hawaii  
 UHI/IA/SOLAR > Solar Group, Institute for Astronomy, University of Hawaii  
 UHI/SOEST/GG/CG > Coastal Geology, Department of Geology and Geophysics, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/GG > Department of Geology and Geophysics, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/GMT > Generic Mapping Tools, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/HIGP > Hawaii Institute of Geophysics and Planetology, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/HIMB > Hawaii Institute of Marine Biology, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/IPRC/APDRC > Asia-Pacific Data-Research Center, International Pacific Research Center, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/IPRC > International Pacific Research Center, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/JIMAR > Joint Institute for Marine and Atmospheric Research, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/METEO > Meteorology Department, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/OCEAN/JASADCP > Joint Archive for Shipboard Acoustic Doppler Current Profiler Center, Oceanography Dept., School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/OCEAN/LMO > Laboratory for Microbiological Oceanography, Oceanography Department, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/OCEAN/SAT-LAB > Satellite Oceanography Laboratory, Oceanography Department, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/OCEAN/SLC/JASL > Joint Archive for Sea Level, Sea Level Center, Oceanography Department, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/OCEAN/SLC > Sea Level Center, Oceanography Department, School of Ocean and Earth Science and Technology, University of Hawaii  
 UHI/SOEST/OCEAN > Department of Oceanography, School of Ocean and Earth Science and Technology, University of Hawaii  
 U-HOUSTON/GEOSCI > Department of Geoscience, University of Houston  
 U-HULL/HMAP > History of Marine Animal Populations, University of Hull, United Kingdom  
 UIA/PHYS > Department of Physics & Astronomy, University of Iowa  
 UIA/WNP > WiderNet Project, University of Iowa  
 UIC/EAES > Earth and Environmental Sciences, University of Illinois at Chicago  
 UIC/EVL > Electronic Visualization Laboratory, University of Illinois at Chicago  
 UID/CAMBR > Center for Advanced Microelectronics and Biomolecular Research, University of Idaho  
 UID/CNR/FR > Forest Resources, College of Natural Resources, University of Idaho  
 UID/CNR/RS-GISRL > Remote Sensing & GIS Research Lab, College of Natural Resources, University of Idaho  
 UI-UC/ATMO > Department of Atmospheric Sciences, University of Illinois at Urbana-Champaign  
 UI-UC/CACES/CROPSCI > Department of Crop Sciences, College of Agricultural, Consumer, and Environmental Sciences, University of Illinois at Urbana-Champaign  
 UI-UC/EX-OR > Office of Extension and Outreach, University of Illinois at Urbana-Champaign  
 UI-UC/GEOG/SAL > Spatial Analysis Laboratory, Department Geography, University of Illinois at Urbana-Champaign  
 UI-UC/GMS > Geographic Modeling Systems, University of Illinois at Urbana-Champaign  
 UI-UC/NCSA/HDF > Hierarchical Data Format, The National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign  
 UI-UC/NCSA > The National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign  
 UI-UC/SIB > School of Integrative Biology, University of Illinois at Urbana-Champaign  
 UK/ST/CREEM/RUWPA > Research Unit for Wildlife Population Assessment, Center for Research Into Ecological and Environmental Modeling, University of St. Andrews  
 U-KASSEL/AG/OAS > Organic Agricultural Sciences, Faculty of Agriculture, University of Kassel  
 U-KASSEL/CES > Center for Environmental Systems, University of Kassel  
 UKS/GEOL > Department of Geology, University of Kansas  
 UKS/KARS > Kansas Applied Remote Sensing Program, University of Kansas



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UKS/NHMBRC/PALEOBOT > Division of Paleobotany, Natural History Museum and Biodiversity Research Center, University of Kansas  
 UKS/NHMBRC > Natural History Museum and Biodiversity Research Center, University of Kansas  
 UKS/PRISM > Polar Radar for Ice Sheet Measurements, University of Kansas Center for Research  
 UKY/APPAL-CENTER > Appalachian Center, University of Kentucky  
 U-LAPLAND/AC > Arctic Centre, University of Lapland, Finland  
 ULG/AGO/COU > Chemical Oceanography Unit, Department of Astrophysics Geophysics and Oceanography, Universite de Liege  
 U-LIEGE/GHER/MODB > Mediterranean Oceanic Data Base, GeoHydrodynamics and Environmental Research, University of Liege  
 U-LIVERPOOL/BIO/PEML > Port Erin Marine Laboratory, Biology Department, University of Liverpool, UK  
 U-LJUBLJANA/BIOTECH/WOOD > Department of Wood Science and Technology, Biotechnical Faculty, University of Ljubljana  
 ULP/EOST > ECOLE ET OBSERVATOIRE DES SCIENCES DE LA TERRE (EOST), UNIVERSITE LOUIS PASTEUR STRASBOURG (ULP)  
 UMAINE SMS OMG > University of Maine, School of Marine Science, Ocean Modeling Group  
 UMAINE/CE/MESG > Maine Sea Grant, Cooperative Extension, University of Maine  
 UMAINE/CE/MSG > Maine Sea Grant, Cooperative Extension, University of Maine  
 UMAINE/CLIMATE > Climate Change Institute, University of Maine  
 UMAINE/DES > Department of Earth Sciences, University of Maine  
 UMAINE/DG/BPP > Beach Profiling Project, Department of Geology, University of Maine  
 UMAINE/NSFA > College of Natural Sciences, Forestry, and Agriculture, University of Maine  
 UMAINE/SGJMC > Senator George J. Mitchell Center for Environmental and Watershed Research, University of Maine  
 UMAINE/SMS/DMC > Darling Marine Center, School of Marine Science, University of Maine  
 UMAINE/SMS > School of Marine Sciences, University of Maine  
 UMAINE > University of Maine  
 U-MANCHESTER/MIMAS > Manchester Information and Associated Services, University of Manchester  
 UMASS-A/GEOSCI > Department of Geosciences, University of Massachusetts, Amherst  
 UMASS-A/LEP > Landscape Ecology Program, University of Massachusetts, Amherst  
 UMASS-D/SMASST > School for Marine Science and Technology, University of Massachusetts Dartmouth  
 UMBC/JCET/UMBC > Joint Center for Earth Systems Technology, University of Maryland, Baltimore Campus  
 UMCES/HPL > Horns Point Laboratory, University of Maryland Center for Environmental Science  
 UMD/ASTRO/BIMA > Berkeley Illinois Maryland Association, Astronomy Department, University of Maryland  
 UMD/CIVIL > Department of Civil and Environmental Engineering, University of Maryland  
 UMD/CS/HCIL > Human-Computer Interaction Lab, Department of Computer Science, University of Maryland  
 UMD/ESSIC > Earth System Science Interdisciplinary Center, University of Maryland  
 UMD/GEOG/LCRS > Land Cover and Remote Sensing, Geography Department, University of Maryland  
 UMD/GEOG > Geography Department, University of Maryland  
 UMD/GEOL > Department of Geology, University of Maryland  
 UMD/GLCF > Global Land Cover Facility, University of Maryland  
 UMD/IPST/UAP > Space and Upper Atmosphere Physics, Institute for Physical Science and Technology, University of Maryland  
 UMD/MDSG > Maryland Sea Grant, University of Maryland  
 UMD/METEO > Meteorology Department, University of Maryland  
 UMD/PD/SPG/IMP8 > IMP-8, Space Physics Group, Physics Department, University of Maryland  
 UMD/PD/SPG/WIND > WIND, Space Physics Group, Physics Department, University of Maryland  
 U-MEMPHIS/ES > Department of Earth Science, University of Memphis  
 U-MEMPHIS/GWI > Ground Water Institute, University of Memphis  
 U-MIAMI/RSMAS/MGGD/GEOD-L > Geodesy Laboratory, Marine Geology and Geophysics Division, Rosenstiel School of Marine and Atmospheric Science, University of Miami  
 U-MIAMI/RSMAS > Rosenstiel School of Marine and Atmospheric Science, University of Miami  
 UMICH/ENG/CSEM > Center for Space Environment Modeling, College of Engineering, University of Michigan  
 UMICH/LSA/GEOL > Department of Geological Sciences, College of Literature, Science and the Arts, University of Michigan  
 UMICH/NAME > Department of Naval Architecture and Marine Engineering, University of Michigan  
 UMICH/SNRE > School of Natural Resources and Environment, University of Michigan  
 UMICH/SPRL/TIDI > TIDI Science Team, Space Physics Research Laboratory, University of Michigan  
 UMICH/UZZ/ADW > Animal Diversity Web, Museum of Zoology, University of Michigan  
 UMICH-FLINT/ERS > Department of Earth and Resource Science, University of Michigan  
 UMN/CNR/FOR/CFC > Cloquet Forestry Center, Department of Forestry, College of Natural Resources, University of Minnesota  
 UMN/IPM > Integrated Pest Management, University of Minnesota  
 UMN/IT/ME > Department of Mechanical Engineering, Institute of Technology, University of Minnesota  
 UMN-D/GEOL > Department of Geological Sciences, University of Minnesota, Duluth  
 UMO-COLUMBIA/CA/CARES > Center for Agricultural, Resource and Environmental Systems, College of Agriculture, University of Missouri - Columbia  
 UMO-COLUMBIA/SNR/SEAS > Soil Environmental Atmospheric Sciences, School of Natural Resources, University of Missouri-Columbia  
 UMT/BIO/INVADER > Invaders, Division of Biological Sciences, University of Montana  
 UMT/EOSTC > EOS Training Center, University of Montana  
 UMT/NLCEP > National Lewis and Clark Education Project, University of Montana



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UMT/SF/NTSG > Numerical Terradynamic Simulation Group, School of Forestry, University of Montana  
 UN/CARTO > Cartographic Section, United Nations  
 UN/CSB > Cyberschoolbus, United Nations  
 UN/FAO/AG/AGA/AGAH/IDG > Infectious Diseases Group, Animal Health Service, Animal Production & Health Division, Agricultural Department, Food & Agriculture Organization, United Nations  
 UN/FAO/AG/AGPC > Crop and Grassland Service, Agriculture Department, Food and Agriculture Organization, United Nations  
 UN/FAO/AGL/LAND/WRB > World Reference Base, Land and Plant Nutrition Management Service, Land and Water Development Division, Food and Agriculture Organization, United Nations  
 UN/FAO/AGL/LAND > Land and Plant Nutrition Management Service, Land and Water Development Division, Food and Agriculture Organization, United Nations  
 UN/FAO/AGL/WRMDS > Water Resources, Management and Development Service, Land and Water Development Division, Food and Agriculture Organization, United Nations  
 UN/FAO/AGL > Land and Water Development Division, Food and Agriculture Organization, United Nations  
 UN/FAO/FAOSTAT > FAO Statistical Databases, Food and Agriculture Organization, United Nations  
 UN/FAO/FISH > Fisheries Department, Food and Agriculture Organization of the United Nations  
 UN/FAO/GEONETWORK > GeoNetwork, Food and Agriculture Organization, United Nations  
 UN/FAO/GIEWS > Global Information and Early Warning System, Food and Agriculture Administration, United Nations  
 UN/FAO/GTOS/TEMS > Terrestrial Ecosystem Monitoring Sites, Global Terrestrial Observing System, Food and Agriculture Organization, United Nations  
 UN/FAO/GTOS > Global Terrestrial Observing System, Food and Agriculture Organization, United Nations  
 UN/FAO/IAEA/WRP > Water Resources Programme, International Atomic Energy Agency, Food and Agriculture Organization, United Nations  
 UN/FAO/IAEA > International Atomic Energy Agency, Food and Agriculture Organization, United Nations  
 UN/FAO/PIC > Prior Informed Consent, Food and Agriculture Organization, United Nations  
 UN/FAO/SD/ENV/METART > METART, Environment, Sustainable Development Department, Food and Agriculture Organization, United Nations  
 UN/FAO/SD > Sustainable Development Department, Food and Agriculture Organization of the United Nations  
 UN/FAO/WAICENT > World Agricultural Information Centre, Food and Agriculture Organization, United Nations  
 UN/OC-ATL > Ocean Atlas, United Nations  
 UN/POPIN > Population Information Network, United Nations  
 UN/WHO/DEHA > Department of Emergency and Humanitarian Action, World Health Organization, United Nations  
 UN/WHO/GLOBALATLAS > Global Atlas, World Health Organization, United Nations  
 UN/WMO > World Meteorological Organization, United Nations  
 UNAVCO > UNAVCO  
 UNB/CEMAR > Centre for Environmental and Molecular Algal Research, University of New Brunswick, Canada  
 UNB/CRI > Canadian Rivers Institute, University of New Brunswick, Canada  
 UNB/GEOL/PASSC > Planetary and Space Science Centre, Department of Geology, University of New Brunswick  
 UNBC/GIS-RS > GIS and Remote Sensing Laboratory, University of Northern British Columbia  
 U-NCL/EDDI > European Diatom Database, University of Newcastle, UK  
 UNC-WILMINGTON/SMEC > Science and Mathematics Education Center, University of North Carolina at Wilmington  
 UND/UMAC > Upper Midwest Aerospace Consortium, University of North Dakota  
 UNE-L/ANDRILL > Antarctic Drilling Program, University of Nebraska, Lincoln  
 UNE-L/CALMIT > Center for Advanced Land Management Information Technologies, University of Nebraska, Lincoln  
 UNE-L/CASDE > Consortium for the Application of Space Data to Education, University of Nebraska, Lincoln  
 UNE-L/NDMC > National Drought Mitigation Center, University of Nebraska, Lincoln  
 UNE-L/PANHANDLE > Panhandle Research and Extension Center, University of Nebraska, Lincoln  
 UNE-L/SNR/NESEN > Nebraska Earth Science Education Network, School of Natural Resources, University of Nebraska, Lincoln  
 UNE-O/CASDE > Consortium for the Application of Space Data to Education, University of Nebraska, Omaha  
 UNEP/AP/RRC > Regional Resource Centre, Asia and the Pacific, United Nations Environment Programme  
 UNEP/DEWA/GRID-EUROPE > Global Resource Information Database - Geneva, Division of Early Warning and Assessment, United Nations Environment Programme  
 UNEP/GRID/IETC > International Environmental Technology Centre, Global Resource Information Database, United Nations Environment Programme  
 UNEP/GRID/PAC > Programme Activity Centre, Global Resource Information Database, United Nations Environment Programme  
 UNEP/GRID-ARENDAL/BSR > Baltic Sea Region, Global Resource Information Database - Arendal, Norway, United Nations Environment Programme  
 UNEP/GRID-ARENDAL > Global Resource Information Database - Arendal, United Nations Environment Programme  
 UNEP/GRID-BRAZIL > Global Resource Information Database - Sao Jose dos Campos, Brazil, United Nations Environment Programme  
 UNEP/GRID-KATHMANDU > Global Resource Information Database - Kathmandu, United Nations Environment Programme  
 UNEP/GRID-KUWAIT > Global Resource Information Database - Kuwait, United Nations Environment Programme  
 UNEP/GRID-SIOUX FALLS > Global Information Database - Sioux Falls, United Nations Environment Programme  
 UNEP/GRID-TSUKUBA > Global Resource Information Database - Tsukuba, United Nations Environment Programme  
 UNEP/GRID-WARSAW > UNEP - Global Resource Information Database - Warsaw, United Nations Environment Programme  
 UNEP/INFOTERRA > INFOTERRA, United Nations Environment Programme  
 UNEP/WCMC/PAP > Protected Areas Programme, World Conservation Monitoring Centre, United Nations Environment Programme  
 UNEP/WCMC > World Conservation Monitoring Centre, United Nations Environment Programme



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

UNESCO/IHE > Institute for Water Education, United Nations Educational, Scientific and Cultural Organization  
 UNESCO/IHP/LAC > Latin America and the Caribbean, International Hydrological Programme, United Nations Educational, Scientific and Cultural Organization  
 UNESCO/IHP > International Hydrological Programme, United Nations Educational, Scientific and Cultural Organization  
 UNESCO/IOC/IODE > International Oceanographic Data and Information Exchange, IOC, United Nations Educational, Scientific and Cultural Organization  
 UNESCO/IOC > Intergovernmental Oceanographic Commission, United Nations Educational, Scientific and Cultural Organization  
 UNESCO/MAB > Man and the Biosphere Program, United Nations Educational, Scientific and Cultural Organization  
 UNESCO/PUB > Publishing, United Nations Educational, Scientific and Cultural Organization  
 UNFCCC > United Nations Framework Convention on Climate Change  
 UNFPA > United Nations Population Fund  
 UNGEMS\_WATER > UN Global Environmental Monitoring System, Water Programme Office  
 UNH/CICEET > Cooperative Institute for Coastal and Estuarine Environmental Technology, University of New Hampshire  
 UNH/EOS/CCRC/NICL-SMO > National Ice Core Laboratory Science Management Office, Climate Change Research Center, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire  
 UNH/EOS/COOA/WEBCOAST > WEBCOAST, Center for Coastal Ocean Observation and Analysis, Institute for the Study of Earth, Oceans, and Space, Univ. of New Hampshire  
 UNH/EOS/CSRC/EOSWEBSTER > EOS-WEBSTER, Complex Systems Research Center, Institute for the Study of Earth, Oceans, and Space, Univ. of New Hampshire  
 UNH/EOS/CSRC/FW > Forest Watch, Complex Systems Research Center, Institute for the Study of Earth, Oceans, and Space, Univ. of New Hampshire  
 UNH/EOS/CSRC/WATSYS > Water Systems Analysis Group, Complex Systems Research Center, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire  
 UNH/EOS/MVH > Measuring Vegetation Health, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire  
 UNH/EOS/SSC/IMP8 > IMP-9 CNRC, Space Science Center, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire  
 UNH/EOS > Institute for the Study of Earth, Oceans, and Space, University of New Hampshire  
 UNH/GMWICS > Gulf of Maine Watershed Information and Characterization System, University of New Hampshire  
 UNH/JEL/OOA/EM > Environmental Monitoring Project, Open Ocean Aquaculture, Jackson Estuarine Laboratory, University of New Hampshire  
 UNH/JEL/OOA > Open Ocean Aquaculture Program, Jackson Estuarine Laboratory, University of New Hampshire  
 UNH/JEL > Jackson Estuarine Laboratory, University of New Hampshire  
 UNH/WAIS > West Antarctic Ice Sheet Ice Core, University of New Hampshire  
 UNI/DES/STORM > Science Center for Teaching, Outreach, and Research on Meteorology, Department of Earth Science, University of Northern Iowa  
 UNIBO/CIAM > Universita di Bologna, Dipartimento di Chimica (Giacomo Ciamician), Italy  
 UNIBO/DISTART > Universita di Bologna, Dipartimento di Ingegneria delle Strutture, dei Trasporti, delle Acque, del Rilevamento del Territorio, Italy  
 UNICAL > Universita della Calabria  
 UNICAMP/IB > Instituto de Biologia, Universidade de Campinas  
 UNI-HAMBURG/BIO/IHFS > Institute of Hydrobiology and Fishery Science, Faculty of Biology, University of Hamburg  
 UNI-HAMBURG/METEO-I > Meteorological Institute, University of Hamburg, Germany  
 UNI-HAMBURG/OCEAN-I > Institute of Oceanography, University of Hamburg, Germany  
 UNI-HAMBURG/TU/IRCE > Institute for River and Coastal Engineering, University of Technology University of Hamburg  
 UNI-KIEL/IFM > Institut fuer Meereskunde, University of Kiel, Germany  
 UNIMI/FISICA > Dipartimento di Fisica, Universita degli Studi di Milano, Italy  
 UNIMO/TERRA > Dipartimento di Scienze della Terra, Universita degli Studi di Modena e Reggio Emilia, Italy  
 UNIPD/BIOLOGIA > Dipartimento di Biologia, Univerista di Padova, Padova, Italy  
 UNIP/DST > Dipartimento di Scienze Della Terra, Universita di Pisa, Italy  
 UNIROMA/BAU > Dipartimento di Biologia Animale e dell Uomo, Universita di Roma - La Sapienza  
 UNIROMA/BIOLOGIA > Universita degli Studi di Roma 'Tor Vergata', Dipartimento di Biologia, Rome, Italy  
 UNIROMA/CHIMICA > Universita degli Studi di Roma 'La Sapienza', Dipartimento di Chimica, Rome, Italy  
 UNIROMA/DBV > Unversita degli Studi di Roma 'La Sapienza', Dipartimento di Biologia Vegetale, Rome, Italy  
 UNIROMA/FISICA > Universita degli Studi di Roma 'La Sapienza', Dipartimento di Fisica, Rome, Italy  
 UNIROMATRE/FIS > Dipartimento di Fisica E. Amaldi, Universita Degli Studi Roma Tre, Rome, Italy  
 UNIROMA-TRE/FISICA/OASI > OASI Group/Dipartimento di Fisica, Universita di Roma TRE  
 UNIS > University Centre in Svalbard  
 UNISA/DIFARMA > Universita Degli Studi Di Salerno, Dipartimento di Scienze Farmaceutiche, Italy  
 UNISI/DSA > Dipartimento di Scienze Ambientali (G. Sarfatti), Universita Delgi Studi di Siena, Italy  
 UNISI/DST > Dipartimento di Scienze Della Terra, Universita Degli Studi di Siena, Italy  
 UNISYS/WS > Weather Services, UNISYS Corporation  
 UNITO/CHIMICA > Dipartimento di Chimica Analitica, Universita Degli Sudi di Torino, Torino, Italy  
 UNITO/DFG/GEOFIT > Department of General Physics, University of Turin, Italy  
 UNITS/BIOLOGIA > Dipartimento di Biologia, Universita degli Studi di Trieste, Trieste, Italy  
 UNIVAQ/FISICA > Dipartimento di Fisica, Universita degli Studi di L'Aquila, Italy  
 UNIVE/DSA > Universita Ca' Foscari Venezia, Dipartimento di Scienze Ambientali, Venice, Italy  
 UNIV-MRS/CNRS-LMGEM > Laboratoire de Microbiologie, Geochimie et Ecologie Marines, CNRS/Universite de la Mediterranee



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .

NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

UNIV-PARIS/CCR/LBCM > Laboratoire de Biogeochimie et Chimie Marine, Centre de Calcul Recherche et Réseau Jussieu, Université Pierre et Marie Curie (Paris VI)

UNIV-PARIS/IPGP > Institut de Physique du Globe de Paris, Université de Paris VII

UNIV-PARIS/LODYC > Laboratoire d'Océanographie Dynamique et de Climatologie (LODYC), Université de Pierre et Marie Curie (Paris VI)

UNIVPM/IBG > Istituto di Biologia e Genetica, Università Politecnica delle Marche, Italy

UNIVPM/POLIMI > Politecnico di Milano, Dipartimento di Ingegneria Aerospaziale, Università Politecnica delle Marche, Italy

UNLP/FCAGLP > Facultad de Ciencias Astronómicas y Geofísicas, Universidad Nacional de La Plata

UNM/EDAC/EDACESIP > EDAC ESIP, Earth Data Analysis Center, University of New Mexico

UNM/EDAC > Earth Data Analysis Center, University of New Mexico

UNM/EPS/IOM > Institute of Meteoritics, Department of Earth and Planetary Sciences, University of New Mexico

UNO/BIO/BBC > Biodiversity and Biological Collections, Biology Department, University of New Orleans

UNV-RENO/BD/ENVIRONMENT > Biological Resources Research Center, Department of Biology, University of Nevada, Reno

UOK/CAPS > Center for Analysis and Prediction of Storms, University of Oklahoma

U-OREGON/GS > Department of Geological Sciences, University of Oregon

U-OREGON/ISE > Institute for a Sustainable Environment, University of Oregon

U-OSLO/ITA > Institute of Theoretical Astrophysics, University of Oslo, Norway

U-OSLO > University of Oslo, Norway

U-OTTAWA/GEOG > Department of Geography, University of Ottawa

UP > UNIVERSITY OF PLYMOUTH, UK

UPATRAS/CIVIL > Department of Civil Engineering, University of Patras

UPM/MATH > Departamento de Matemática Aplicada de la Información, Universidad Politécnica de Madrid

UPPSALA/GEO > Department of Earth Sciences, Uppsala University, Sweden

U-PUNE/BIOINFO > Bioinformatics Centre, University of Pune, India

U-READING/SPS/CPDS > Centre for Plant Diversity and Systematics, School of Plant Sciences, University of Reading

U-REDLANDS/RI/SSDP > Salton Sea Database Program, Redlands Institute, University of Redlands

URI/GSO/CACS > Center for Atmospheric Chemistry Studies, Graduate School of Oceanography, University of Rhode Island

URI/GSO/MAEWEST > Maewest, Graduate School of Oceanography, University of Rhode Island

URI/GSO/PO/RAFOS > RAFOS Float Group, Physical Oceanography Department, Graduate School of Oceanography, University of Rhode Island

URI/GSO/PO-RS > Physical Oceanography and Remote Sensing, Graduate School of Oceanography, University of Rhode Island

URI/GSO > Graduate School of Oceanography, University of Rhode Island

URI/NRS > Department of Natural Resources Science, University of Rhode Island

URI/PLS > Department of Plant Sciences and Entomology, College of the Environment and Life Sciences, University of Rhode Island

URL/OE > Observatori de l'Ebre, Universitat Ramon Llull

USAP/DCC > Data Coordination Center, United States Antarctic Program

USASK/GIS > GIS Services, University of Saskatchewan

USAT > USA TODAY

USC/BARUCH/BMFL/NIWB > North Inlet-Winyah Bay Reserve, Baruch Marine Field Laboratory, Belle W. Baruch Institute for Marine and Coastal Sciences, University of South Carolina

USC/BARUCH/BMFL > Baruch Marine Field Laboratory, Belle W. Baruch Institute for Marine and Coastal Sciences, University of South Carolina

USC/BIO > Department of Biological Sciences, University of South Carolina

USC/GEOG > Department of Geography, University of South Carolina

USC/GEOL/SEIS > Seismology, Department of Geological Sciences, University of South Carolina

USC/SCES/CME > Community Modeling Environment, Southern California Earthquake Center, University Southern California

USDA/ADDS > Agricultural Databases for Decision Support, U.S. Department of Agriculture

USDA/APHIS/PPQ > Animal and Plant Health Inspection Service, Plant Protection and Quarantine, U.S. Department of Agriculture

USDA/ARS/AFRS > Appalachian Fruit Research Station, Agricultural Research Service, U. S. Department of Agriculture

USDA/ARS/AQPGDRU > Air Quality Plant Growth and Development Research Unit, Agricultural Research Service, U. S. Department of Agriculture

USDA/ARS/BARC/ANRI/EQL > Environmental Quality Laboratory, Animal and Natural Resources Institute, USDA-ARS/BARC

USDA/ARS/BARC/ANRI/HRSL > Hydrology and Remote Sensing Laboratory, Animal and Natural Resources Institute, USDA-ARS/BARC

USDA/ARS/BARC/ANRI/SASL > Sustainable Agricultural Systems Laboratory, Animal and Natural Resources Institute, USDA-ARS/BARC

USDA/ARS/BARC/ANRI > Animal and Natural Resources Institute, Agricultural Research Service, U. S. Department of Agriculture/BARC

USDA/ARS/BARC/PSI/ACSL > Alternate Crops & Systems Lab, Plant Sciences Institute, USDA-ARS/BARC

USDA/ARS/CGPRS > Central Great Plains Research Station, Agricultural Research Service, U. S. Department of Agriculture

USDA/ARS/CICGRU > Corn Insects and Crop Genetics Research Unit, Agricultural Research Service, U. S. Department of Agriculture

USDA/ARS/CMAVE/CGERU > Crop Genetics and Environmental Research Unit, Center for Medical, Agricultural and Veterinary Entomology, ARS, U. S. Department of Agriculture

USDA/ARS/CMAVE/PBRU > Postharvest and Bioregulation Research Unit, Center for Medical, Agricultural, and Veterinary Entomology, ARS, U. S. Department of Agriculture

USDA/ARS/CPCRC > Columbia Plateau Conservation Research Center, Agricultural Research Service, U. S. Department of Agriculture

USDA/ARS/CPRL > Conservation and Production Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture

USDA/ARS/CPSWPCR > Coastal Plains Soil, Water, and Plant Research Center, Agricultural Research Service, U. S. Department of Agriculture



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

USDA/ARS/CSRL > Crop Science Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/EIWRU > Exotic and Invasive Weeds Research Unit, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/EORC/SMRU > Sustainable Management of Rangelands Unit, Eastern Oregon Agricultural Research Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/GPSRU > Great Plains Systems Research Unit, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/GRL > Grazinglands Research Laboratory, Agricultural Research Service, U.S. Department of Agriculture  
 USDA/ARS/GSWRL/EPIC > Environmental Policy Integrated Climate, Grassland Soil and Water Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/GSWRL/SWAT > Soil and Water Assessment Tool, Grassland Soil and Water Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/GSWRL > Grassland Soil and Water Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/HCLR > Horticultural Crops Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/IS > Information Services, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/JER > Jornada Experimental Range, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/JPCSNRCC > J.P. Campbell, Sr., Natural Resource Conservation Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/KDLGSARC/IFNRRU > Integrated Farming and Natural Resources Research Unit, Kika De La Garza Subtropical Agricultural Research Center, USDA-ARS  
 USDA/ARS/KDLGSARC > Kika De La Garza Subtropical Agricultural Research Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/LARRL > Livestock and Range Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/MARC/BERU > Biological Engineering Research Unit, Meat Animal Research Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NAEWRU > North Appalachian Experimental Watershed Research Unit, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NAL/WQIC > Water Quality Information Center, National Agricultural Library, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NAL > National Agricultural Library, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NCSCRL > North Central Soil Conservation Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NCSU/NCARS > NC Agricultural Research Service, North Carolina State University, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NGPRL > Northern Great Plains Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NGRL > National Germplasm Resources Laboratory, Agricultural Research Service, U.S. Department of Agriculture  
 USDA/ARS/NPARL > Northern Plains Agricultural Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NSDL > National Soil Dynamics Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NSL > National Sedimentation Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NSTL > National Soil Tilth Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/NWRC > Northwest Watershed Research Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/PBARC > Pacific Basin Agricultural Research Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/PGRU > Plant Genetics Research Unit, USDA-ARS at University of Missouri  
 USDA/ARS/PSWMRL > Pasture Systems & Watershed Management Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/RRRU > Rangeland Resources Research Unit, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SDRU > Soil Drainage Research Unit, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SES/RSPERU > Range Sheep Production/Efficiency Research Unit, U.S. Sheep Experiment Station, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SEWRL > Southeast Watershed Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SHRS > Subtropical Horticulture Research Station, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SPARC/APMU > Area Wide Pest Management Research Unit, Southern Plains Agricultural Research Center, ARS, U. S. Department of Agriculture  
 USDA/ARS/SPARC > Southern Plains Agricultural Research Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SPNRU > Soil, Plant, and Nutrients Research Unit, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SPRRS > Southern Plains Range Research Station, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SWCURU > Soil and Water Conservation Research Unit, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/SWRC > Southwest Watershed Research Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/TFRL > Tree Fruit Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/USHRL > U.S. Horticultural Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/USSL > U.S. Salinity Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/USWCL > U.S. Water Conservation Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/VFCRU > Vegetable and Forage Crop Research Unit, Agricultural Research Service, U.S. Department of Agriculture  
 USDA/ARS/WRRC > Western Regional Research Center, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS/YARL > Yakima Agricultural Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture  
 USDA/ARS > Agricultural Research Service, U. S. Department of Agriculture  
 USDA/CSREES/AES/UC-DAVIS > Agricultural and Environmental Sciences, University of California-Davis, USDA-CSREES  
 USDA/CSREES/CRIS > Current Research Information System, USDA-CSREES  
 USDA/CSREES/FARM-A-SYST > National Farm Assessment Office, USDA-CSREES



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

USDA/CSREES/GCREC/UFL > Gulf Coast Research and Education Center, University of Florida, USDA-CSREES  
 USDA/CSREES/LAES/LSU > Louisiana Agricultural Experiment Station, Louisiana State University, USDA-CSREES  
 USDA/CSREES/MSAFES/MSU > Mississippi Agricultural and Forestry Experiment Station, Mississippi State University, USDA-CSREES  
 USDA/CSREES/MSUE/MSU > Michigan State University Extension, Michigan State University, USDA-CSREES  
 USDA/CSREES/NCCES/NCSSU > North Carolina Cooperative Extension Service, North Carolina State University, USDA-CSREES  
 USDA/CSREES/OARDC/OSU > Ohio Agricultural Research and Development Center, Ohio State University, USDA-CSREES  
 USDA/CSREES/PMC/UMES/UMN > Pest Management Center, University of Minnesota Extension Services, University of Minnesota, USDA-CSREES  
 USDA/CSREES/SDCES/SDSU > South Dakota Cooperative Extension Service, South Dakota State University, USDA-CSREES  
 USDA/CSREES/TAES/TAMU > Texas Agricultural Experiment Station, Texas A&M University, USDA-CSREES  
 USDA/CSREES/UAEX/UARK > University of Arkansas Cooperative Extension, University of Arkansas, USDA-CSREES  
 USDA/CSREES/WVAFES/WVU > West Virginia Agricultural and Forestry Extension Station, West Virginia University, USDA-CSREES  
 USDA/ERS/ESS > Economics and Statistics System, Economic Research Service, U. S. Department of Agriculture  
 USDA/ERS > Economic Research Service, U. S. Department of Agriculture  
 USDA/FAS/PECAD > Production Estimates and Crop Assessment Division, Foreign Agricultural Service, U.S. Department of Agriculture  
 USDA/FAS > Foreign Agricultural Service, U. S. Department of Agriculture  
 USDA/FS/AFC > Alexandria Forest Center, Forest Service, U.S. Department of Agriculture  
 USDA/FS/EMC/NRIS > Natural Resource Information System, Ecosystem Management Coordination, Forest Service, U. S. Department of Agriculture  
 USDA/FS/ENG/RSAC > Remote Sensing Applications Center, Engineering, Forest Service, U.S. Department of Agriculture  
 USDA/FS/FAM > Fire & Aviation Management, Forest Service, U. S. Department of Agriculture  
 USDA/FS/FHP/FHMP > Forest Health Monitoring Program, Forest Health Protection, Forest Service, U. S. Department of Agriculture  
 USDA/FS/FHP > Forest Health Protection, Forest Service, U. S. Department of Agriculture  
 USDA/FS/FIA > Forest Inventory and Analysis, Forest Service, U.S. Department of Agriculture  
 USDA/FS/FPL > Forest Products Laboratory, Forest Service, U. S. Department of Agriculture  
 USDA/FS/FRM > Forest and Rangeland Management, Forest Service, U. S. Department of Agriculture  
 USDA/FS/FSGCRP > Forest Service Global Change Research Program, U. S. Department of Agriculture  
 USDA/FS/IITF > International Institute of Tropical Forestry, Forest Service, U. S. Department of Agriculture  
 USDA/FS/IMI > Inventory and Monitoring Institute, Forest Service, U.S. Department of Agriculture  
 USDA/FS/IPIF > Institute of Pacific Islands Forestry, Forest Service, U. S. Department of Agriculture  
 USDA/FS/LAR > Land and Realty Management, Forest Service, U. S. Department of Agriculture  
 USDA/FS/NCRS > North Central Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/NERS/FSL > Forestry Sciences Laboratory, Northeastern Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/NERS > Northeastern Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/NRS > Northern Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/NWFP > Northwest Forest Plan, Forest Service, U.S. Department of Agriculture  
 USDA/FS/PNW/FERA > Fire and Environment Research Applications Team, Pacific Northwest Research Station, Forest Service, U.S. Department of Agriculture  
 USDA/FS/PNW/ICBEMP > Interior Columbia Ecosystem Management Project, Pacific Northwest Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/PNW > Pacific Northwest Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/PSW > Pacific Southwest Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/RD/TS > Treesearch, Research and Development, Forest Service, U. S. Department of Agriculture  
 USDA/FS/RM > Rangelands Management, Forest Service, U. S. Department of Agriculture  
 USDA/FS/RMRS/MGSL > Moscow Forestry Sciences Laboratory, Rocky Mountain Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/RMRS > Rocky Mountain Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/SR > Southern Region, Forest Service, U. S. Department of Agriculture  
 USDA/FS/SRS/SGCP > Southern Global Change Program, Southern Research Station, Forest Service, Department of Agriculture  
 USDA/FS/SRS > Southern Research Station, Forest Service, U. S. Department of Agriculture  
 USDA/FS/WFAS > Wildlands Fire Assessment System, Forest Service, U. S. Department of Agriculture  
 USDA/FS > Forest Service, U. S. Department of Agriculture  
 USDA/FSA/CRP > Conservation Reserve Program, Farm Service Agency, U. S. Department of Agriculture  
 USDA/NAL/AGNIC > Agriculture Network Information Center, National Agricultural Library, U. S. Department of Agriculture  
 USDA/NASS > National Agricultural Statistics Service, U. S. Department of Agriculture  
 USDA/NPS/PNWR > Pacific Northwest Region, National Park Service, U.S. Department of Agriculture  
 USDA/NRCS/ALASKA > Natural Resources Conservation Service-Alaska, U. S. Department of Agriculture  
 USDA/NRCS/CED > Conservation Engineering Division, Natural Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/ESIS > Ecological Site Information System, Natural Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/GDG > Geospatial Data Gateway, Natural Resources Conservation Service, U.S. Department of Agriculture  
 USDA/NRCS/ITC > Information Technology Center, National Resource Conservation Service, U.S. Department of Agriculture  
 USDA/NRCS/MONTANA > Natural Resources Conservation Service-Montana, U. S. Department of Agriculture  
 USDA/NRCS/NCGC > National Cartography and Geospatial Center, National Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/NEBRASKA > Natural Resource Conservation Service-Nebraska, U.S. Department of Agriculture



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

USDA/NRCS/NPDC > National Plant Data Center, National Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/NRI > Natural Resources Institute, National Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/NSERL > National Soil Erosion Research Laboratory, National Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/NSSC > National Soil Survey Center, National Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/NWCC > National Water and Climate Center, National Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/PMP > Plant Materials Program, National Resources Conservation Service, U. S. Department of Agriculture  
 USDA/NRCS/WSR > World Soil Resources, National Resources Conservation Service, U. S. Department of Agriculture  
 USDA/OCE/WAOB > World Agricultural Outlook Board, Office of Chief Economist, U. S. Department of Agriculture  
 USDA/OCE/WC/PUBS > Publications, Weather and Climate, Office of Chief Economist, U. S. Department of Agriculture  
 USDA/RMA > Risk Management Agency, U. S. Department of Agriculture  
 USDA > U. S. Department of Agriculture  
 USF/CAS > College of Arts and Sciences, University of South Florida  
 USF/CMS/IMARS > Institute for Marine Remote Sensing, College of Marine Science, University of South Florida  
 USF/CMS > College of Marine Science, University of South Florida  
 USF/FCCDR > Florida Center for Community Design and Research, University of South Florida  
 USF/ISB > Institute for Systematic Botany, University of South Florida  
 USGS/FRESC/SRFS > Snake River Field Station, Forest and Rangeland Ecosystem Science Center, U.S. Geological Survey  
 USGS > U.S. Geological Survey, Department of the Interior  
 USM/CBEP > Casco Bay Estuary Partnership, University of Southern Maine  
 USM/GOMA > Gulf of Maine Area Program Census of Marine Life, University of Southern Maine  
 USNA/OCEAN > Department of Oceanography, United States Naval Academy  
 U-SOTON/SOBS > School of Biological Sciences, University of Southampton, UK  
 U-SOTON/SOC/RAPID > Rapid Climate Change, Southampton Oceanography Centre, University of Southampton  
 U-SOTON/SOC > Southampton Oceanography Centre, University of Southampton  
 USP/IB/MARCUS > Departamento de Zoologia, Instituto de Biociencias, Universidade de Sao Paulo  
 USP/IO > Instituto Oceanografico, Universidade de Sao Paulo  
 USRA/CASS/LPI/ED > Education, Lunar and Planetary Institute, Center for Advanced Space Studies, Universities Space Research Association  
 USTL/LOA > Laboratoire d'Optique Atmospherique, Universite des Sciences et Technologies de Lille  
 U-STRATH/STAMS > Department of Statistics and Modelling Science, University of Strathclyde, UK  
 USU/ED-HS/TL > TeacherLink, College of Education and Human Services, Utah State University  
 USU/NR/GEOG-ER/RS-GIS > Remote Sensing and GIS Lab, Geography and Earth Resources, College of Natural Resources, Utah State University  
 U-SURREY/CVSSP > Centre for Vision, Speech, and Signal Processing, University of Surrey  
 U-SYDNEY/COLEO > Coleoptera, University of Sydney  
 U-SYDNEY/SSIU > Spatial Science Innovation Unit, University of Sydney  
 UT/AGRC > Automated Geographic Reference Center, Utah  
 UT/CLIM > Utah Climate Center, Utah  
 UT/DOT > Department of Transportation, Utah  
 U-TARTU/EMI > Estonian Marine Institute, University of Tartu  
 UTFSM/PHYS/RERERC > Renewable Energy Resource and Environmental Research Center, Physics Department, Universidad Tecnica Federico Santa Maria  
 UTL/ISA/DEF > Forestry Department, Institute of Agronomy, University of Technology, Lisbon  
 UTN-C/BES > Biological and Environmental Sciences, University of Tennessee - Chattanooga  
 U-TOKYO/CSDIC-IIS > CEOP Satellite Data Integration Center, Institute of Industrial Science, University of Tokyo  
 U-TOKYO/ORI > Ocean Research Institute, University of Tokyo  
 U-TOKYO/RADIOISOTOPE CENTER > Radioisotope Center, University of Tokyo  
 U-TOKYO/VRC-ERI > Volcanic Research Center, Earthquake Research Institute, University of Tokyo  
 U-TROMSO/NCFS > Norwegian College of Fishery Science, University of Tromsø  
 UTX-AUSTIN/ARL > Applied Research Laboratories, University of Texas at Austin  
 UTX-AUSTIN/CSR > Center for Space Research, University of Texas at Austin  
 UTX-AUSTIN/ENGR/CRWR > Center for Research in Water Resources, Bureau of Engineering Research, University of Texas at Austin  
 UTX-AUSTIN/GEOSCI/BEG > Bureau of Economic Geology, School of Geosciences, University of Texas at Austin  
 UTX-AUSTIN/IG/SDC > Seismic Data Center, Institute for Geophysics, University of Texas at Austin  
 UTX-AUSTIN/IG > Institute for Geophysics, University of Texas at Austin  
 UTX-AUSTIN/TMM/TNHC > Texas Natural History Collections, Texas Memorial Museum, University of Texas, Austin  
 UTX-DALLAS/CSS/CINDI/EPO > Education and Public Outreach, Coupled Ion-Neutral Dynamics Investigation, Center for Space Science, University of Texas at Dallas  
 UTX-MB/MBI/NRCC > National Resource Center for Cephalopods, Marine Biomedical Institute, University of Texas - Medical Branch  
 UU/FES > Faculty of Geosciences, Utrecht University  
 UU/PHYS-ASTR/IMAU > Institute for Marine and Atmospheric Research, Physics and Astronomy Department, Utrecht University  
 U-UTAH/EGI > Energy and Geoscience Institute, University of Utah  
 U-UTAH/MET/MESOWEST > MesoWest, Department of Meteorology, University of Utah  
 U-UTAH/MET > Department of Meteorology, University of Utah



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

U-UTAH/SCI > Scientific Computing and Imaging Institute, University of Utah  
 UVA/ENVSCI/CREC > Center for Regional Environmental Studies, Department of Environmental Science, University of Virginia  
 UVA/ENVSCI/GECP > Global Environmental Change Program, Department of Environmental Science, University of Virginia  
 UVA-ESP/PHYS > Department of Applied Physics, University of Valladolid, Spain  
 U-VIENNA/FSM/IECB > Institute of Ecology and Conservation Biology, Faculty of Sciences and Mathematics, University of Vienna  
 UVM/GEO > Department of Geography, University of Vermont  
 UVM/GEOLOGY > Department of Geology, University of Vermont  
 UVM/GIEE/EC > Ecoinformatics Collaboratory, Gund Institute for Ecological Economics, the University of Vermont  
 UVM/GIEE > Gund Institute for Ecological Economics, the University of Vermont  
 UVM/RSENR > Rubenstein School of Environment and Natural Resources, University of Vermont  
 UW/WYGISC > Wyoming Geographic Information Science Center, University of Wyoming  
 UWA/APL/PSC > Polar Science Center, Applied Physics Laboratory, University of Washington  
 UWA/APL > Applied Physics Laboratory, University of Washington  
 UWA/ATMOS/JISAO/CSES > Center for Science in the Earth System, Joint Institute for the Study of the Atmosphere and Ocean, Department of Atmospheric Sciences, University of Washington  
 UWA/ATMOS/JISAO > Joint Institute for the Study of the Atmosphere and Ocean, Department of Atmospheric Sciences, University of Washington  
 UWA/ATMOS > Department of Atmospheric Science, University of Washington  
 UWA/CFR > College of Forest Resources, University of Washington  
 UWA/ESS/GLACIOLOGY > Glaciology, Near-Surface Geophysics, Earth and Space Sciences, University of Washington  
 UWA/ESS/QRC/COSMOLAB > Cosmogenic Nuclide Lab, Quaternary Research Center, Earth and Space Sciences, University of Washington  
 UWA/ESS/QRC > Quaternary Research Center, Earth and Space Sciences, University of Washington  
 UWA/ESS/SPACE > Earth and Space Sciences, Space Physics Group, University of Washington  
 UWA/ESS > Earth and Space Sciences, University of Washington  
 UWA/HYDRO > Land Surface Hydrology Research Group, University of Washington  
 UWA/OCEAN > School of Oceanography, University of Washington  
 UWA/SAFS/CBR > Columbia Basin Research, School of Aquatics and Fisheries Sciences, University of Washington  
 UWA/SAFS/UWFC > University of Washington Fish Collection, School of Aquatic and Fishery Sciences, University of Washington  
 U-WALES-SWAN/BIO > Biological Science Department, School of the Environment and Society, University of Wales - Swansea  
 U-WAU/MATH-S > School of Mathematics and Statistics, University of Western Australia  
 UWC/BOT/SA > SeaweedAfrica, Department of Botany, University of the Western Cape  
 UWF/CEDB > Center for Environmental Diagnostics and Bioremediation, University of West Florida  
 UWI-GB/NAS > Department of Natural and Applied Sciences, University of Wisconsin-Green Bay  
 UWI-MAD/DCS > Department of Computer Sciences, University of Wisconsin, Madison  
 UWI-MAD/ICECUBE > Ice Cube Neutrino Observatory, University of Wisconsin, Madison  
 UWI-MAD/IES/CCR > Center for Climatic Research, Gaylord Nelson Institute for Environmental Studies, University of Wisconsin, Madison  
 UWI-MAD/IES/SAGE > Center for Sustainability and the Global Environment, Gaylord Nelson Institute for Environmental Studies, University of Wisconsin, Madison  
 UWI-MAD/MLCR > McArdle Laboratory for Cancer Research, University of Wisconsin, Madison  
 UWI-MAD/SCO > State Cartographer's Office, University of Wisconsin, Madison  
 UWI-MAD/SOILS > Department of Soil Science, University of Wisconsin, Madison  
 UWI-MAD/SSEC/AMRC > Antarctic Meteorological Research Center, Space Science and Engineering Center, University of Wisconsin, Madison  
 UWI-MAD/SSEC/CIMSS/POLAR > Polar Satellite Meteorology and Climatology, Cooperative Institute for Meteorological Satellite Studies, SSEC, University of Wisconsin, Madison  
 UWI-MAD/SSEC/CIMSS > Cooperative Institute for Meteorological Satellite Studies, Space Science and Engineering Center, University of Wisconsin, Madison  
 UWI-MAD/SSEC > Space Science and Engineering Center, University of Wisconsin, Madison  
 UWI-MIL/GEOL > Department of Geosciences, University of Wisconsin-Milwaukee  
 UWI-SP/GEOG-GEOL > Department of Geography and Geology, University of Wisconsin-Stevens Point  
 UWYO/SMTC > Science and Mathematics Teaching Center, University of Wyoming  
 UY/IAU/CUDA > Centro Uruguayo de Datos Antarticos, Instituto Antartico Uruguayo, Uruguay  
 U-YORK-CA/DESSE/GEOICT > Geospatial Information and Communication Technology Lab, Department of Earth and Space Science and Engineering, The University of York, Toronto Canada  
 U-YORK-UK/CELP > Centre for Ecology, Law and Policy, The University of York, UK  
 VA/CLIM > State Climate Office, Virginia  
 VA/DOF > Department of Forestry, Virginia  
 VA/VDGIF/FWIS > Fish and Wildlife Information Service, Department of Game and Inland Fisheries, Virginia  
 VA/VDGIF/WDD > Wildlife Diversity Division, Department of Game and Inland Fisheries, Virginia  
 VANAQUA > VANCOUVER AQUARIUM MARINE SCIENCE CENTRE  
 VANDERBILT/EES > Department of Earth and Environmental Sciences, Vanderbilt University  
 VATECH/CMI > Conservation Management Institute  
 VATECH/FWS > DEPARTMENT OF FISHERIES AND WILDLIFE SCIENCES, VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY



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 Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau,  
 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

VATECH/PPWS > Department of Plant Pathology, Physiology, and Weed Science, Virginia Polytechnic Institute and State University  
 VCGI > Vermont Center for Geographic Information  
 VERIDIAN/TERRAIN > Terrain Data, Veridian  
 V-GAI > Vaisala-GAI Inc.  
 VORSIM > VORSIM  
 VRIJE-A/FES > Faculty of Earth Science, Vrije Universiteit, Amsterdam  
 VRIJE-B/CHEM/ANCH > Laboratory of Analytical and Environmental Chemistry, Department of Chemistry, Vrije Universiteit, Brussels  
 VSI > Vivid Solutions Inc.  
 VT/ANR/DEC/GS > Geological Survey, Department of Environmental Conservation, Agency of Natural Resources, Vermont  
 VT/ANR/DEC/WQ > Water Quality, Department of Environmental Conservation, Agency of Natural Resources, Vermont  
 VT/ANR/DEC/WS > Water Supply, Department of Environmental Conservation, Agency of Natural Resources, Vermont  
 VT/ANR/FWD/NNHP > Nongame and Natural Heritage Program, Department of Fish and Wildlife, Agency of Natural Resources, Vermont  
 VT/ANR > Agency of Natural Resources, Vermont  
 VT/CLIM > Office of the State Climatologist, Vermont  
 VT > Video Transfer, Inc.  
 VTP > Virtual Terrain Project  
 VUW/SES/WC > Weather and Climate, School of Earth Science, Victoria University Wellington, New Zealand  
 WA/DE > Department of Ecology, Washington State  
 WA/ECO/CMAP/SWCES > Southwest Washington Coastal Erosion Study, Coastal Monitoring & Analysis Program, Department of Ecology, Washington  
 WA/PSWQAT > Puget Sound Water Quality Team, Washington  
 WA/TPL > Tacoma Public Library, Tacoma, Washington  
 WA-STATE/BIO-SCI > School of Biological Sciences, Washington State University  
 WATERKEEPER > Waterkeeper Alliance  
 WDC/AEROSOLS, ISPRA > World Data Center for Aerosols, ISPRA  
 WDC/GEOLOGY, BEIJING > World Data Center for Geology, Beijing  
 WDC/GEOMAGNETISM, EDINBURGH > World Data Center for Geomagnetism, Edinburgh  
 WDC/GEOPHYSICS, BEIJING > World Data Center for Geophysics, Beijing  
 WDC/GLACIOLOGY, BOULDER > World Data Center for Glaciology, Boulder  
 WDC/GREENHOUSE GASES, TOKYO > World Data Center for Greenhouse Gases, Tokyo  
 WDC/GSD, UKRAINE > World Data Center for Geoinformatics and Sustainable Development, Ukraine  
 WDC/HIE, PALISADES > World Data Center for Human Interactions in the Environment  
 WDC/IONOSPHERE, TOKYO > World Data Center for Ionosphere, National Institute of Information and Communications Technology, Tokyo, Japan  
 WDC/MARE, BREMEN, GERMANY > World Data Center for Marine Environmental Sciences, Bremen, Germany  
 WDC/METEOROLOGY, ASHEVILLE > World Data Center for Meteorology, Asheville  
 WDC/METEOROLOGY, OBNINSK > World Data Center for Meteorology, Obninsk  
 WDC/MGG, BOULDER > World Data Center for Marine Geology and Geophysics, Boulder  
 WDC/OCEANOGRAPHY, OBNINSK > World Data Center for Oceanography, Obninsk  
 WDC/PALEOCLIMATOLOGY, BOULDER > World Data Center for Paleoclimatology, Boulder  
 WDC/RADIATION, ST. PETERSBURG > World Data Center for Radiation, St. Petersburg  
 WDC/RR&E, BEIJING > World Data Center for Renewable Resources & Environment, Beijing  
 WDC/SEG, BOULDER > World Data Center for Solid Earth Geophysics, Boulder  
 WDC/SEISMOLOGY, DENVER > World Data Center for Seismology, Denver  
 WDC/SEP, MOSCOW > World Data Center for Solid Earth Physics, Moscow  
 WDC/SOILS, ISRIC, WAGENINGEN > World Data Center for Soils, ISRIC - World Soil Information, Wageningen  
 WDC/STP, BOULDER > World Data Center for Solar-Terrestrial Physics, Boulder  
 WDC/STP, MOSCOW > World Data Center for Solar-Terrestrial Physics, Moscow  
 WDC/STS/IPS, SYDNEY > Ionospheric Prediction Service, World Data Centre for Solar Terrestrial Science, Sydney  
 WDC/WOUDC, TORONTO > World Data Center for Ozone and Ultraviolet Radiation, Toronto  
 WEBMIN/MD > Mineralogy Database, WebMineral  
 WESLEYAN/EES > Department of Earth and Environmental Sciences, Wesleyan University  
 WFC/FB > FishBase, WorldFish Center  
 WFC/RB > ReefBase, WorldFish Center  
 WFC > World Fish Center  
 WGBH/EF/TD > Teachers' Domain, Education Foundation, WGBH  
 WGMS > World Glacier Monitoring Service  
 WGT > Weather Graphics Technologies  
 WHOI/AOPE/COFDL > Coastal and Ocean Fluid Dynamics Laboratory, Applied Ocean Physics and Engineering Department, Woods Hole Oceanographic Institution  
 WHOI/AOPE/OAL > Ocean Acoustics Lab, Applied Ocean Physics and Engineering Department, Woods Hole Oceanographic Institution  
 WHOI/AOPE > Applied Ocean Physics and Engineering Department, Woods Hole Oceanographic Institution



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 M. Holland, T. Northcutt, R. A. Restrepo, 2007 .  
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

WHOI/DGG/NOSAMS > National Ocean Sciences Accelerator Mass Spectrometer Facility, Department of Geology and Geophysics, Woods Hole Oceanographic Institution  
 WHOI/DGG/PALEOCEANOGRAPHY > Paleocceanography Laboratory, Department of Geology and Geophysics, Woods Hole Oceanographic Institution  
 WHOI/MCG > Marine Chemistry and Geochemistry Department, Woods Hole Oceanographic Institution  
 WHOI/MVCO > Martha's Vineyard Coastal Observatory, Woods Hole Oceanographic Institution  
 WHOI/PO > Physical Oceanography Department, Woods Hole Oceanographic Institution  
 WHOI/UOPG > Upper Ocean Processes Group, Woods Hole Oceanographic Institution  
 WHOI/WFDAC > WOCE Subsurface Float Assembly Center, Woods Hole Oceanographic Institution  
 WHOI/WSG > Woods Hole Sea Grant Program, Woods Hole Oceanographic Institution (WHOI) Sea Grant Program  
 WHS/RES > Regents Earth Science, Wilson High School  
 WHS > Woodroffe High School, Canada  
 WIDENER-U/CAS > College of Arts and Science, Widener University  
 WIS/PHYSICS > Faculty of Physics, Weizmann Institute of Science  
 WJU/CET > Center for Educational Technologies, Wheeling Jesuit University  
 WLDELFT > Delft Hydraulics  
 WM > World Mapper  
 WNPS/WENATCHEE/SKIS > Six Kingdom Inventory System, Wanatchee Chapter, Washington Native Plant Society  
 WORLDSAT > WorldSat International Inc.  
 WPTI > The Wildlife Trust  
 WR/WRCC > Western Regional Climate Center  
 WRI > World Resources Institute  
 WUR/ALTERRA > ALTERRA, Wageningen University and Research Centre  
 WUR/DES/ESAG > Environmental Systems Analysis Group, Department of Environmental Sciences, Wageningen University and Research Center  
 WUR/LIB/GCW > Green City Wageningen, Wageningen UR Library, Wageningen University and Research Centre  
 WU-SL/EPS/MARGINS > MARGINS, Department of Earth and Planetary Sciences, Washington University in St. Louis  
 WUSTL/DATAFED > DataFed, Washington University in St. Louis  
 WV/GISTC > GIS Technical Center, West Virginia  
 WVU/FOR > Forestry Department, West Virginia University  
 WWF > World Wildlife Fund  
 WWSS > Watershed Watch Salmon Society  
 WWU/SPMC > Shannon Point Marine Center, Western Washington University  
 WX\_UNDERGROUND > The Weather Underground, Inc.  
 WY/CLIM > State Climatologist Office, Wyoming  
 WY/TC/DEM > Department of Emergency Management, Teton County, Wyoming  
 YALE/EPMP > Environmental Performance Measurement Project, Yale University  
 YAMAGATA/FE > Faculty of Engineering, Yamagata University  
 ZA/CSIR/SADCO > Southern African Data Center for Oceanography, Council for Scientific and Industrial Research, South Africa  
 ZA/DEAT/MCM > Marine and Coastal Management, Department of Environmental Affairs and Tourism, South Africa  
 ZA/DEAT > Department of Environmental Affairs and Tourism, South Africa  
 ZA/DPLG/SANDMC > South Africa Natural Disaster Management Centre, Department of Provincial and Local Government, South Africa  
 ZA/HMO > Hermanus Magnetic Observatory, Hermanus, South Africa  
 ZOOGENE > Zooplankton Genomics  
 ZURICH/GEOG > Department of Geography, University of Zurich Switzerland  
 Z-ZNR > Zoonomen - Zoological Nomenclature Resource



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