

## Global Change Master Directory (GCMD) Service Keywords

TOPIC > TERM > VARIABLE\_LEVEL\_1

Data Analysis and Visualization > Calibration/Validation  
Data Analysis and Visualization > Geographic Information Systems  
Data Analysis and Visualization > Geographic Information Systems > Desktop Geographic Information Systems  
Data Analysis and Visualization > Geographic Information Systems > Mobile Geographic Information Systems  
Data Analysis and Visualization > Geographic Information Systems > Web-Based Geographic Information Systems  
Data Analysis and Visualization > Global Positioning Systems  
Data Analysis and Visualization > Statistical Applications  
Data Analysis and Visualization > Visualization/Image Processing  
Data Management/Data Handling > Archiving  
Data Management/Data Handling > Cataloging  
Data Management/Data Handling > Data Compression  
Data Management/Data Handling > Data Delivery  
Data Management/Data Handling > Data Interoperability  
Data Management/Data Handling > Data Interoperability > Data Reformatting  
Data Management/Data Handling > Data Mining  
Data Management/Data Handling > Data Networking/Data Transfer Tools  
Data Management/Data Handling > Data Search and Retrieval  
Data Management/Data Handling > Media Transfer/Data Rescue  
Data Management/Data Handling > Subsetting/Supersetting  
Data Management/Data Handling > Transformation/Conversion  
Education/Outreach > Curriculum Support  
Education/Outreach > Curriculum Support > Background Information  
Education/Outreach > Curriculum Support > Classroom Activities  
Education/Outreach > Curriculum Support > Lesson Plans  
Education/Outreach > Exhibit Materials  
Education/Outreach > Exhibit Materials > Museum Exhibits  
Education/Outreach > Exhibit Materials > Science Center Exhibits  
Education/Outreach > Interactive Programs  
Education/Outreach > Interactive Programs > Stand Alone  
Education/Outreach > Interactive Programs > Web-Based  
Environmental Advisories > Agricultural Advisories  
Environmental Advisories > Agricultural Advisories > Crop Forecast  
Environmental Advisories > Agricultural Advisories > Drought Forecast  
Environmental Advisories > Fire Advisories  
Environmental Advisories > Fire Advisories > Prescribed Burns  
Environmental Advisories > Fire Advisories > Wildfires  
Environmental Advisories > Geological Advisories  
Environmental Advisories > Geological Advisories > Earthquakes  
Environmental Advisories > Geological Advisories > Geomagnetism  
Environmental Advisories > Geological Advisories > Landslides  
Environmental Advisories > Geological Advisories > Volcanic Activity  
Environmental Advisories > Health Advisories  
Environmental Advisories > Health Advisories > Animal Health Advisories  
Environmental Advisories > Health Advisories > Disease/Epidemic  
Environmental Advisories > Health Advisories > Human Health Advisories  
Environmental Advisories > Hydrological Advisories  
Environmental Advisories > Hydrological Advisories > Avalanche Forecasts  
Environmental Advisories > Hydrological Advisories > Drought  
Environmental Advisories > Hydrological Advisories > Floods  
Environmental Advisories > Hydrological Advisories > Water Quality  
Environmental Advisories > Marine Advisories  
Environmental Advisories > Marine Advisories > Marine Biology  
Environmental Advisories > Marine Advisories > Marine Weather/Forecast



At this time we are requesting 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

# Global Change Master Directory (GCMD) Service Keywords

TOPIC > TERM > VARIABLE\_LEVEL\_1

Environmental Advisories > Marine Advisories > Ocean Temperature  
Environmental Advisories > Marine Advisories > Sea Ice  
Environmental Advisories > Marine Advisories > Sea State  
Environmental Advisories > Marine Advisories > Tides  
Environmental Advisories > Marine Advisories > Tsunamis  
Environmental Advisories > Space Weather Advisories  
Environmental Advisories > Space Weather Advisories > Aurora Forecasts  
Environmental Advisories > Space Weather Advisories > Coronal Mass Ejection  
Environmental Advisories > Space Weather Advisories > Geomagnetic Storm  
Environmental Advisories > Space Weather Advisories > Radio Blackouts  
Environmental Advisories > Space Weather Advisories > Solar Flares  
Environmental Advisories > Space Weather Advisories > Solar Radiation Storms  
Environmental Advisories > Space Weather Advisories > Solar Winds  
Environmental Advisories > Weather/Climate Advisories  
Environmental Advisories > Weather/Climate Advisories > Air Quality  
Environmental Advisories > Weather/Climate Advisories > Climate Advisories  
Environmental Advisories > Weather/Climate Advisories > Dust/Ash Advisories  
Environmental Advisories > Weather/Climate Advisories > Frost/Freeze Warning  
Environmental Advisories > Weather/Climate Advisories > Heat Advisory  
Environmental Advisories > Weather/Climate Advisories > Present Weather  
Environmental Advisories > Weather/Climate Advisories > Severe Weather  
Environmental Advisories > Weather/Climate Advisories > UV Radiation  
Environmental Advisories > Weather/Climate Advisories > Weather Forecast  
Hazards Management > Disaster Recovery/Relief  
Hazards Management > Disaster Response  
Hazards Management > Hazards Mitigation  
Hazards Management > Hazards Planning  
Metadata Handling > Authoring Tools  
Metadata Handling > Authoring Tools Discovery  
Metadata Handling > Metadata Tools Transformation/Conversion  
Metadata Handling > Service Discovery  
Models > Atmospheric Chemistry Models  
Models > Atmospheric General Circulation Models  
Models > Carbon Cycle/Carbon Budget Models  
Models > Climate Change Impact Assessment Models  
Models > Component Process Models  
Models > Coupled Climate Models  
Models > Cryosphere Models  
Models > Digital Elevation/Digital Terrain Models  
Models > Dynamic Vegetation/Ecosystem Models  
Models > Earth Science Reanalyses/Assimilation Models  
Models > Geologic/Tectonic/Paleoclimate Models  
Models > Hydrologic and Terrestrial Water Cycle Models  
Models > Land Surface Models  
Models > Ocean General Circulation Models (OGCM)/Regional Ocean Models  
Models > Phenomenological Models  
Models > Physical/Laboratory Models  
Models > Regulatory Models  
Models > Social and Economic Models  
Models > Solar-Atmosphere/Space-Weather Models  
Models > Weather Research/Forecast Models  
Reference and Information Services > Bibliographic  
Reference and Information Services > Bibliographic > Bibliographic Databases



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# Global Change Master Directory (GCMD) Service Keywords

TOPIC > TERM > VARIABLE\_LEVEL\_1

Reference and Information Services > Bibliographic > Personnel Directories  
Reference and Information Services > Bibliographic > Professional Scientific Organizations  
Reference and Information Services > Digital/Virtual Reference Desks  
Reference and Information Services > Digital/Virtual Reference Desks > Ask-A Biologist  
Reference and Information Services > Digital/Virtual Reference Desks > Ask-A Ecologist  
Reference and Information Services > Digital/Virtual Reference Desks > Ask-A Geologist  
Reference and Information Services > Digital/Virtual Reference Desks > Ask-A Marine Biologist  
Reference and Information Services > Digital/Virtual Reference Desks > Ask-A Meteorologist  
Reference and Information Services > Digital/Virtual Reference Desks > Ask-A Oceanographer  
Reference and Information Services > Gazetteer



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