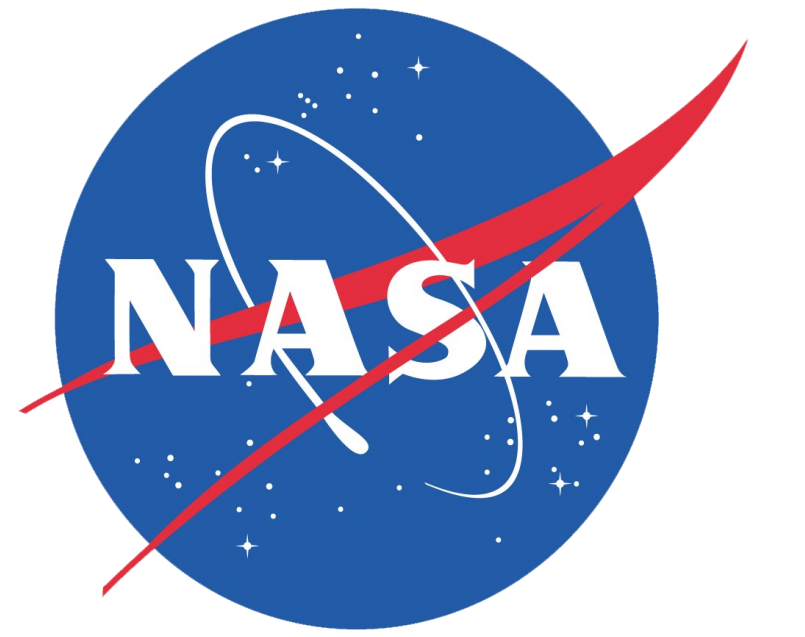


NASA's Global Change Master Directory (GCMD) Keyword Viewer

Beta



Introduction

The Global Change Master Directory (GCMD) Keyword Viewer is a web-based client that allows metadata curators and ontologists to search for and navigate the GCMD keywords in a user-friendly and human-readable tree structure. The Keyword Viewer is built on top of the Keyword Management Systems (KMS) API, which provides machine-to-machine access to the keywords.

The Keyword Viewer includes the following features:

- Searching for a Specific Keyword
- Filtering for a Keyword By Category
- Navigating the Keyword Hierarchy
- Viewing Keyword Definitions and References
- Accessing Related Keywords (Platforms, Instruments, etc.)
- Downloading the Keywords in RDF, JSON and CSV Formats

Access the Keyword Viewer at:

<https://gcmd.earthdata.nasa.gov/KeywordViewer/>

GCMD Keywords

The GCMD Keywords are a hierarchical set of controlled Earth Science vocabularies that help ensure Earth science data, services, and variables are described in a consistent and comprehensive manner and allow for the precise searching of metadata and subsequent retrieval of data, services, and variables. Initiated over twenty years ago, GCMD Keywords are periodically analyzed for relevancy and will continue to be refined and expanded in response to user needs.

Access the Keyword Landing Page at:

<https://earthdata.nasa.gov/earth-observation-data/find-data/gcmd/gcmd-keywords>

Access the KMS API at:

<https://gcmd.earthdata.nasa.gov/kms/>

If you have feedback about the Keyword Viewer or want to submit a request for new and/or updated keywords, please send an email to support@earthdata.nasa.gov.

The screenshot shows the NASA EarthData GCMD Keyword Viewer interface. The top navigation bar includes the NASA logo, 'EARTHDATA', and a search bar. The main header displays 'GCMD Keyword Viewer' and a 'BETA' badge. On the left, a tree structure shows the hierarchy: Keywords > Earth Science > AGRICULTURE > AQUACULTURE. The right panel displays details for 'AQUACULTURE', including its Full Path, UUID, Category, and a Definition. A 'Reference' section cites the National Resources Inventory Glossary. At the bottom, there are links for 'RDF' and 'JSON' formats.

Science Keyword Hierarchy and Keyword Definition/Reference

This screenshot shows the 'AQUA' keyword details. The left tree structure highlights 'AQUA' under 'OCEANS' > 'AQUATIC SCIENCES'. The right panel shows the 'Resource(s)' section with links to the keyword search and provider pages. Below this, the 'Related' section lists instruments: AMSR-E, AMSU-A, CERES-FM3, CERES-FM4, and HSB, each with a 'has_instrument' relationship. A 'More...' link is also present. The bottom of the page includes a footer with contact information and a 'Feedback' link.

Platform Keyword Search and Related Instrument Keywords

This screenshot shows the 'EARTH SCIENCE' keyword details. The left tree structure highlights 'EARTH SCIENCE' under 'Earth Science'. The right panel displays the keyword's Full Path, UUID, Category, and Definition. At the top right of the details panel, there are buttons for 'RDF', 'JSON', and 'CSV' formats, which are highlighted with a red box. The bottom of the page includes a footer with contact information and a 'Feedback' link.

Science Keyword Filter With Access in RDF, JSON, and CSV Formats