GCMD Web Services

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NASA's Global Change Master Directory (GCMD)
ESIP Federation Meeting
July 7, 2009

Data Services

Service Keywords Describing Web Services

EARTH SCIENCE SERVICES > Data Analysis And Visualization > Geographic Information Systems
EARTH SCIENCE SERVICES > Data Management/data Handling > Archiving
EARTH SCIENCE SERVICES > Data Management/data Handling > Cataloging
EARTH SCIENCE SERVICES > Data Management/data Handling > Data Compression
EARTH SCIENCE SERVICES > Data Management/data Handling > Data Delivery
EARTH SCIENCE SERVICES > Data Management/data Handling > Data Interoperability > Data Reformatting
EARTH SCIENCE SERVICES > Data Management/data Handling > Data Interoperability
EARTH SCIENCE SERVICES > Data Management/data Handling > Data Mining
EARTH SCIENCE SERVICES > Data Management/data Handling > Data Networking/Data Transfer Tools
EARTH SCIENCE SERVICES > Data Management/data Handling > Data Search And Retrieval
EARTH SCIENCE SERVICES > Data Management/data Handling > Media Transfer/Data Rescue
EARTH SCIENCE SERVICES > Data Management/data Handling > Subsetting/Supersetting
EARTH SCIENCE SERVICES > Data Management/data Handling > Transformation/Conversion
EARTH SCIENCE SERVICES > Metadata Handling > Authoring Tools
EARTH SCIENCE SERVICES > Metadata Handling > Data Discovery
EARTH SCIENCE SERVICES > Metadata Handling > Metadata Transformation/Conversion
EARTH SCIENCE SERVICES > Metadata Handling > Service Discovery
EARTH SCIENCE SERVICES > Reference And Information Services > Gazetteer
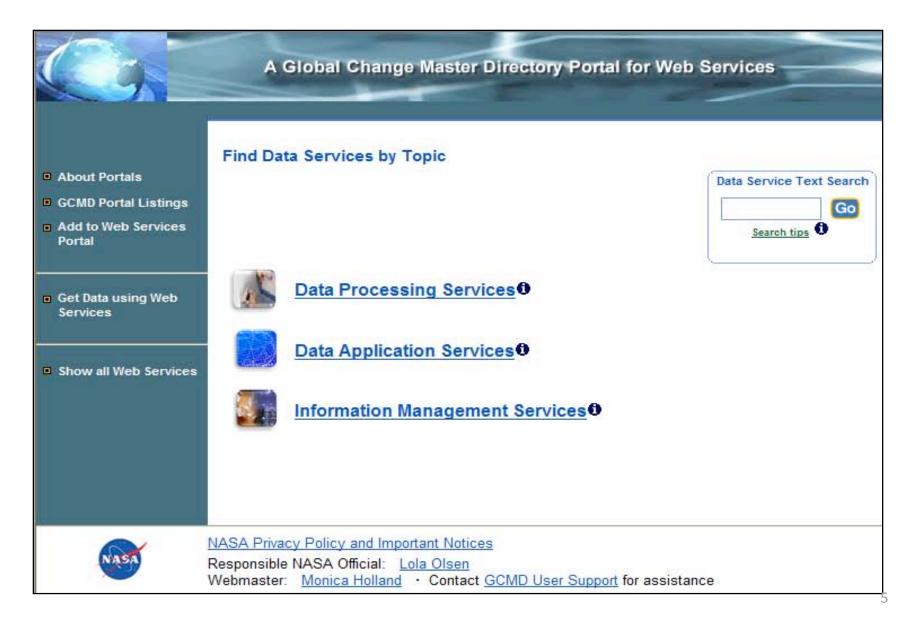**EARTH SCIENCE SERVICES > Reference And Information Services > Subscription Services**

Direct Access To Web Services

Metadata Describing Web Service

Web Service   **WSDL File**

Web Services Portal Prototype

Potential Hierarchy

Topic	Term	Variable
Web Services	Data Application Services	Web portal services
Web Services	Data Application Services	Gazeteer application services
Web Services	Data Application Services	Geographic data discovery services
Web Services	Data Application Services	Geographic data extraction services
Web Services	Data Application Services	Geographic data management services
Web Services	Data Application Services	Feature generalization application services
Web Services	Data Application Services	Coverage generalization services
Web Services	Data Application Services	Web Service Chaining
Web Services	Data Processing Services	Web Terrain Service (WTS)
Web Services	Data Processing Services	Web 3D Service
Web Services	Data Processing Services	Web Coordinate Transformation Service (WCTS)
Web Services	Data Processing Services	Web Image Classification Service (WICS)
Web Services	Data Processing Services	Feature Portrayal Service (FPS)
Web Services	Data Processing Services	Coverage Portrayal Service (CPS)
Web Services	Data Processing Services	Geoparser Service
Web Services	Data Processing Services	Geocoder Service
Web Services	Data Processing Services	Geolinking Service (GLS)
Web Services	Data Processing Services	Geolinked Data Access Service (GDAS)
Web Services	Data Processing Services	Geographic data extraction services
Web Services	Data Processing Services	Dimension measure-ment services
Web Services	Data Processing Services	Proximity analysis services
Web Services	Data Processing Services	Change detection services
Web Services	Data Processing Services	Data alignment services
Web Services	Data Processing Services	Feature generalization services
Web Services	Data Processing Services	Coverage generalization services
Web Services	Data Processing Services	Format conversion services
Web Services	Data Processing Services	Semantic trans-lation services
Web Services	Information Management Services	Catalog Service for the Web (CSW)
Web Services	Information Management Services	Gazeteer Service
Web Services	Information Management Services	Universal Description, Discovery and Integration (UDDI) Service

Direct Access to OGC Services Through Related URL in Metadata

GET SERVICE > GET WEB COVERAGE SERVICE (WCS)

GET SERVICE > GET WEB FEATURE SERVICE (WFS)

GET SERVICE > GET WEB MAP SERVICE (WMS)

Refers to Open Geospatial Consortium (OGC) services that provide access to geospatial coverages, features, and spatially referenced information.

Other Service Related URL Types:

GET SERVICE > ACCESS WEB SERVICE

GET SERVICE > GET WORKFLOW (SERVICE CHAIN)

GET SERVICE > GET MAP SERVICE

GET SERVICE > ACCESS MAP VIEWER

OGC Portals

Questions?

http://gcmd.nasa.gov/KeywordSearch/Home.do?Portal=webservices

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