

Information Technology Resource Management Council (ITRMC)

ENTERPRISE GUIDELINES – G400 ARCHITECTURE AND DESIGN

Category: GXXX – STATEWIDE GEOSPATIAL CLEARINGHOUSE

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I. DEFINITION

1. Geographic Information Systems (GIS) – As defined in [ITRMC Policy 1070 – Geographic Information Systems \(GIS\)](#), GIS are digital databases in which a geographic coordinate system is used to reference the location of features represented by the data. In general, typical components of GIS are the tools used to capture, store, transform, analyze, model, simulate, and display spatial and tabular data.
2. Geospatial Clearinghouse – A centralized location (one stop resource) for searching, collecting, classifying, storing, and distributing geographic data and metadata that makes GIS data readily available for everyone through the internet.

II. RATIONALE

This Guideline is intended to define and clarify the characteristics of a Statewide Geospatial Clearinghouse. Sharing data through a Statewide Geospatial Clearinghouse is a role of State Agencies as defined in [G420 – Roles of GIS Participants](#). Supporting the use of a Statewide Geospatial Clearinghouse for data sharing is a Policy stated in ITRMC [Policy 1070 – Geographic Information Systems \(GIS\)](#).

III. GUIDELINE

A Statewide Geospatial Clearinghouse for Idaho would be expected to perform the following duties:

Provide centralized access for public and private parties for the effective and simple searching, and locating of Geospatial and other GIS data and the associated Metadata produced by authoritative sources in Idaho.

In Addition:

- A. Provide map services especially of seamless and authoritative statewide framework data.
- B. Coordinate contributions and updates to the NSDI framework datasets.
- C. Be able to provide assistance in locating or confirming information and developing metadata and standards.
- D. Be a library and redundant storage location of framework data.
- E. Promote the use of common data sets and common data standards for GIS.

IV. PROCEDURE REFERENCE

Policies for a Statewide Geospatial Clearinghouse are detailed in ITRMC Information Technology Enterprise Policy [P1070 – Geographic Information Systems \(GIS\)](#).

V. CONTACT INFORMATION

For more information, contact the ITRMC Staff at (208) 332-1876.

REVISION HISTORY

Effective Date: