



Compliance Component

DEFINITION

<i>Name</i>	Content Standard for Digital Geospatial Metadata
<i>Description</i>	The Federal Geographic Data Committee (FGDC) content standard for digital geospatial metadata establishes a common framework for communicating information about geospatial data sets. Geospatial metadata provide a wealth of information about geographic or spatial data, making it much easier to obtain, understand, and use them. Adopting a uniform standard for metadata allows all users of geospatial data to locate and evaluate that data with a predefined set of criteria. The standard includes mandatory elements as well as recommended or optional elements.
<i>Rationale</i>	All federal government agencies are required to the extent practical to provide geospatial metadata that conform to this standard. Missouri along with many local governments and other states has adopted the FGDC metadata standard or a modified version of it. This helps to facilitate the exchange of geospatial data and to provide the information necessary to search for, assess, understand, and use geospatial data.
<i>Benefits</i>	<ul style="list-style-type: none"> • Geospatial metadata provide a common set of terminology and definitions for the documentation of digital geospatial data. • Nearly all state and federal geospatial data and metadata are publicly available and most have adopted the FGDC standard or a variation of it. • Providing a standard makes it easier for users to use and create geospatial metadata, since it gives specific guidelines on the type of information that should be within the metadata. • Creating a standard geospatial metadata allows developers to incorporate metadata components into their enterprise applications.

ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Information
<i>Specify the Discipline Name</i>	Geographic Information Technology
<i>Specify the Technology Area Name</i>	Geospatial Metadata
<i>Specify the Product Component Name</i>	This compliance component applies to all products in the Geospatial Metadata Technology Area.

COMPLIANCE COMPONENT TYPE

<i>Document the Compliance Component Type</i>	Standard
<i>Component Sub-type</i>	

COMPLIANCE DETAIL

<i>State the Guideline, Standard or Legislation</i>	Executive Order 12906, "Coordinating Geographic Data Acquisition and Access: The National Spatial Data Infrastructure," was signed on April 11, 1994, by President William Clinton. Section 3, Development of a National Geospatial Data Clearinghouse, paragraph (b) states: "Standardized Documentation of Data, ... each agency shall document all new geospatial data it collects or produces, either directly or indirectly, using the standard under development by the FGDC, and make that standardized documentation electronically accessible to the Clearinghouse network." This standard is the data documentation standard referenced in the executive order. Federal Geographic Data Committee. FGDC-STD-001-1998. Content standard for digital geospatial metadata (revised June 1998). Federal Geographic Data Committee. Washington, D.C.		
<i>Document Source Reference #</i>	FGDC-STD-001-1998		
Compliance Sources			
<i>Name</i>	Federal Geographic Data Committee	<i>Website</i>	http://www.fgdc.gov/index.html
<i>Contact Information</i>			
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			
KEYWORDS			
<i>List Keywords</i>	geospatial, metadata, documentation, data dictionary, data, information, quality, utility, content, standard, definitions, mandatory, voluntary, Federal Geographic Data Committee (FGDC), International Standards Organization (ISO), Technical Committee 211, lineage, metadata collection tools, compiling metadata		
COMPONENT CLASSIFICATION			
<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i>	<input checked="" type="checkbox"/> <i>Current</i>	<input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>
<i>Sunset Date</i>			

COMPONENT SUB-CLASSIFICATION

Sub-Classification	Date	Additional Sub-Classification Information
<input checked="" type="checkbox"/> <i>Technology Watch</i>	09/03/03	<p><u>FGDC/ISO Metadata Standard Harmonization</u> Current activities to harmonize the International Standards Organization (ISO) metadata standard ISO 19115 with FGDC's Content Standard for Digital Geospatial Metadata (CSDGM) (FGDC-STD-001-1998) are ongoing. American National Standards Institute (ANSI) administers and coordinates the U.S. voluntary standardization and represents U.S. interests with ISO. ANSI does not develop standards itself, but rather accredits other organizations as standards development organizations.</p> <p>ANSI has accredited the International Committee for Information Technology Standards (INCITS) (www.incits.org) to develop standards for Information and Communications Technologies (ICT). INCITS Technical Committee L1, Geographic Information Systems, develops U.S. National Standards for geographic information systems (GIS) and geospatial metadata. The L1 is also the U.S. Technical Advisory Group (TAG) to ISO Technical Committee 211, Geographic information/Geomatics.</p> <p>In July 2003, ISO announced the approval and publication of ISO 19115, Geographic information - Metadata. The standard is now available for purchase at: http://webstore.ansi.org/ansidocstore/product.asp?sku=ISO+19115%3A2003</p> <p>ISO approval does not automatically present the U.S. with a new metadata standard. The American National Standards Institute (ANSI), which administers and coordinates voluntary standardization in the U.S. and represents U.S. interests with ISO, has to adopt ISO 19115 as an American National Standard.</p>
<input type="checkbox"/> <i>Variance</i>		
<input type="checkbox"/> <i>Conditional Use</i>		
Rationale for Component Classification		
<i>Document the Rationale for Component Classification</i>		
Migration Strategy		
<i>Document the Migration Strategy</i>		
Impact Position Statement		
<i>Document the Position Statement on Impact</i>		
CURRENT STATUS		
<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i> <input type="checkbox"/> <i>Under Review</i> <input checked="" type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>	
AUDIT TRAIL		
<i>Creation Date</i>	08/11/2003	<i>Date Approved / Rejected</i> 1/13/2004

<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			