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FGDC

United States Thoroughfare, Landmark and Postal Address Data Standard (Address Data Standard)

The call for comments for the Address Data Standard was published in the January 25, 2016 edition of the Federal Register. The comment period closes **April 25, 2016**. See <https://federalregister.gov/a/2016-01337> for more information, including instructions on how to submit comments.

Standards in the queue

The FGDC Metadata Coordinator has identified several metadata and related standards for FGDC endorsement. Please note that she has not yet submitted formal proposals.

The standards are:

- INCITS/ISO 19115-1:2014[2014] Geographic information -- Metadata -- Part 1: Fundamentals
- ISO 19110:2005/Amd 1:2011 Feature Catalogue Encoding Annex E
- INCITS/ISO 19157:2013[2014] Geographic information -- Data Quality

The INCITS/ISO 19157:2013[2014] proposal will call for concurrent withdrawal of ISO/TS 19138:2006, Geographic information -- Data quality measures, as an FGDC-endorsed standard.

While INCITS/ISO 19115-1:2014[2014] revises ISO 19115:2003, ISO 19115:2003 and its corrigendum shall remain as FGDC-endorsed standards for legacy purposes.

The FGDC Metadata Coordinator also plans to submit proposals for FGDC endorsement of the following standards, after they have been approved and published as ISO standards:

- ISO/DTS 19115-3 Geographic information -- Metadata -- Part 3: XML schema implementation of metadata fundamentals
- ISO 19157-2 Geographic information -- Data Quality Part 2: XML Schema Implementation

INCITS Technical Committee L1, Geographic information systems – U.S. Technical Advisory Group to ISO Technical Committee 211, Geographic information/Geomatics

Meetings

The next ISO/TC211 42th Plenary and meetings will be held June 13 -17 in Tromsø, Norway. INCITS L1/U.S. TAG will meet April 29 at ESRI, Vienna, VA and May 23 at USGS, Reston, VA to prepare for the ISO/TC211 42th Plenary and meetings.

Open Geospatial Consortium

OGC TC/PC meetings

The last OGC TC/PC meeting was held March 7-11, 2016 at the World Bank, Washington, DC.

The next OGC TC/PC meeting will be held June 20-24, 2016 in Dublin, Ireland. #OGCdublin16

OGC® and ASTM International

OGC® and ASTM International signed an MOU to jointly develop standards and more. They will collaborate on developing and disseminating standards, best practices, and other tools. They will work together in areas such as data acquisition and dissemination, location-based services, and unmanned (autonomous) navigation.

OGC® and ASTM International plan to assess the current state of adopted and de facto standards for Point Cloud data. Then, they can identify future standards to support interoperability of Point Cloud data for sharing and analysis. This might involve collaborative publication of standards.

OGC® and ASTM International plan to organize joint activities such as working groups, regional forums, workshops, and pilot initiatives.

According to Daniel Smith, vice president, technical committee operations at ASTM International, "This partnership aligns perfectly with the growing number of activities in ASTM committees E57 on 3D Imaging Systems and F42 on Additive Manufacturing Technologies."

OGC and the American Society for Photogrammetry and Remote Sensing (ASPRS) will also jointly assess adopted and de facto standards for Point Cloud data.

OGC Meteorology & Oceanography (MetOcean) Domain Working Group (DWG)

The MetOcean DWG is working on the following documents:

- OGC Coverage Implementation Schema – GRIB2 Coverage Encoding Profile
- OGC Best Practice draft for using Web Map Services (WMS) with Ensembles of Forecast Data. There is still some work to finalize a release, hopefully at the June 2016 TC meeting.
- MetOcean Denumerical (?) Weather Prediction Model (NWP) metadata profile for WCS2.0: may become an OGC best practice.

- Trajectories discussion paper: while a discussion paper does not reflect an official OGC position, this might become an OGC Best Practice, which does reflect an official OGC position.

OGC compliance testing

A list of available tests and roadmap for OGC compliance testing is located at <http://cite.opengeospatial.org/roadmap>.

Contact

Contact your agency's representative(s) to OGC for more information.

Geospatial-Intelligence Standards WG (GWG)

The GWG Geospatial Web Services Focus Group met on March 17.

Contact

For more information, contact Julie Maitra, FGDC representative to GWG, or your agency's representative to GWG.

Common Framework for Earth Observation Data (CFEOD)

The Common Framework for Earth Observation Data (CFEOD) has been published on whitehouse.gov: visit <https://goo.gl/LSAOX6>.

The recommendations in the CFEOD are focused on discoverability, accessibility, and usability of Earth observations and derived data products.

The CFEOD covers:

- Data search and discovery services
- Data access services
- Data documentation
- Compatible formats and vocabularies

Recommended best practices for each are described:

- Standards and Protocols — officially endorsed standards for use in Earth observation data management.
- Methods and Practices — recommended ways to use the endorsed standards.
- Implementations — available software to use in realizing the standards and examples of use of standards at Federal agencies.

Monthly standards update

A workbook tracks individual FGDC, INCITS L1/ISO TC 211, GWG, OGC, and other standardization activities over time. It has been maintained since February 2011. There are over 300 standards tracked in the workbook. Download the March 2016 workbook.

After 5 years, the FGDC OS is evaluating the use of the monthly standards update: should it be continued or discontinued?

The FGDC publicizes the monthly standards through the FGDC Standards Working Group and INCITS L1 mailing lists and LinkedIn groups for ISO/TC 211, OGC, and FGDC Standards WG. In addition, the FGDC Standards Coordinator gave several presentations to create awareness of the monthly standards update:

- March 7: OGC North American Forum
- March 8: FGDC Coordination Group
- March 9: FGDC Metadata WG
- March 17: GWG Geospatial Web Services Focus Group

The FGDC OS is informally surveying the geospatial community about use of the standards status log: Do you use the standards status log? Do you find it useful? How might the FGDC make it more useful? In addition, the FGDC OS is evaluating web stats for use of the monthly standards update.

Events

Subject	Start Date	End Date	Description	Location
ASPRS 2016 Annual Conference Imaging & Geospatial Technology Forum (IGTF) 2016	4/11/2016	4/15/2016		Fort Worth, TX
CG	4/12/2016	4/12/2016		
ANSI Free Event: Open Source, Open Standards, Open Minds	4/15/2016	4/15/2016		Washington, DC
Address Data Standard	4/25/2016	4/25/2016	Deadline for comments	
INCITS L1/U.S. TAG	4/29/2016	4/29/2016		Esri, Vienna, VA
CG	5/10/2016	5/10/2016		
OGC – Agile – ICA Workshop The Role of Geospatial Standards for Sustainable Development	5/14/2016	5/14/2016		Helsinki, Finland
INCITS L1/U.S. TAG	5/23/2016	5/23/2016		USGS, Reston, VA
CG	6/7/2016	6/7/2016		
ISO TC 211 42th Plenary and meetings	6/13/2016	6/17/2016		Tromsø, Norway
OGC #OGCdublin16	6/20/2016	6/24/2016		Dublin, Ireland
GWG 16-2 Voting Meeting	6/22/2016	6/22/2016		Chantilly, VA
Esri International UC	6/27/2016	7/1/2016		San Diego, CA