

Status of  
Metadata and related standards  
As of Friday, September 8, 2017

Name	Description	Status	ISO Stage	Proposed action
<b>ISO 19157-2 Data Quality XML Schema implementation</b>	Provides a schema for implementing ISO 19157 in XML	<p>ISO 19157-2:2016 was published on 2016-11-28</p> <p>At its January 6, 2017 meeting, INCITS L1 voted to adopt ISO 19157-2:2016 as an American National Standard; however the ANS is not yet published</p>	60.60	<b>TBD</b>
<b>ISO 19119:2016 Services</b>	Provides a framework and defines the metadata for services enabling users to access and process geographic information across a generic computing interface. The metadata portion of this standard has been moved to ISO 19115-1	International Standard published January 2016. The U.S. equivalent is not available through <a href="http://webstore.ansi.org">webstore.ansi.org</a>	60.60	<b>TBD</b>
<b>ISO 19109:2015 Rules for application schema</b>	Defines the a general feature model and rules for creating and documenting application schemas for modeling features and their properties allowing physical applications to understand and share data	<p>INCITS L1 voted to adopt the standard at its April 29 meeting. The motion passed with 10 yes, 0 abstain and 0 no. The U.S. equivalent of ISO 19109:2015 is not yet available.</p> <p>At its June 14, 2017 meeting, the GWG proposed to withdraw ISO 19109:2005 as it applies to internal standards registry business practices.</p>	60.60	<b>TBD</b>

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<p><b>ISO 19110 Feature cataloguing</b></p>	<p>ISO 19110:2016 defines the methodology for cataloguing feature types. It specifies how feature types can be organized into a feature catalogue and presented to users of a set of geographic data. Its principles can be extended to cataloguing other forms of geographic data. Feature catalogues are independent of feature concept dictionaries defined in ISO 19126 and can be specified without having to use or create a feature concept dictionary. ISO 19110:2016 is not applicable to the representation of individual instances of each feature type.</p>	<p>ISO 19110:2016 was published on 2016-11-28. At its January 6, 2017 meeting, INCITS L1 voted to adopt ISO 19110:2016 as an American National Standard; however, the ANS is not yet available on webstore.ansi.org</p>	<p>60.60</p>	<p><b>TBD</b></p>
<p><b>ISO 19139-2:2012 Metadata - XML schema for imagery and gridded data</b></p>	<p>Provides a schema for implementing ISO 19115-2:2009 in XML</p>	<p>At its November 15, 2016 meeting, INCITS L1/U.S. TAG voted to recommend registration of IS/TS 19139-2:2012 as an American National Standard. U.S. equivalent is not yet available. ISO/TS 19139-2:2012 was confirmed on 2016-06-27.</p>	<p>90.93</p>	<p><b>TBD</b></p>

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<b>GeoDCAT</b>	GeoDCAT-AP is an extension of DCAT-AP for describing geospatial datasets, dataset series, and services. It provides an RDF syntax binding for the union of metadata elements defined in the core profile of ISO 19115:2003 and those defined in the framework of the INSPIRE Directive. Its basic use case is to make spatial datasets, data series, and services searchable on general data portals, thereby making geospatial information better searchable across borders and sectors. This can be achieved by the exchange of descriptions of data sets among data portals.	GeoDCAT-AP v1.0.1 (2016-08-02) is final.	not applicable	<b>TBD</b>
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