

ISO TC211

Geographic information/Geomatics

<https://committee.iso.org/home/tc211>

Dublin May 2018



- Next plenary meeting

May 27th – June 1st 2018 in Copenhagen, Denmark

<https://committee.iso.org/sites/tc211/home/plenary-meeting/46th-plenary-meeting-dk.html>



News

- Will be discussed
 - Automatic system to establish a CEN standard from a new or updated ISO TC211 standard



Meeting schedule

	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00
Sunday									Preparation meeting (conv.)					
	WG1	19112	19112			19105		19105	Welcome Reception					
			19152			19116		19116						
Monday	WG4		JWG GIS/BIM			JWG GIS/BIM		JWG GIS/BIM						
	WG7		19150-4			19126		19126						
	WG9		WG9			19165-2		19165-2						
	WG10		JTF 211/204			19161-1		19161-1						
	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00
Tuesday	WG6		19130-3			19163-2		19123-1						
	PT 19131		PT 19131			19139-1		19139-1						
	6709		6709			ISO/TC 211 - OGC JAG		Outreach						
	AG Sustain. Dev.		19160-3			19160-3		19160-3						
	19166		Classification WS			19167		AH or PT 19162						
	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00
Wednesday	PMG		Resource			Resource (GOM, TMG, XMG, HMMG)								
			Standards in Action			Standards in Action		Standards in Action						
	Control Body Geodetic Registry							PT 19111						
							AG Business Plan		AG Strategy					
Thursday	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00
	Plenary		Plenary			Plenary		Plenary			Meeting dinner			
Friday	09.00	10.00	11.00	12.00	13.00									
	Plenary													

Standards in action workshop

Wednesday 30th May 2018, Copenhagen

Schedule	Time frame	Subject	Speaker
10.30-11.00		Coffee Registration for non-TC211	
11.00		Welcome	
11.10-11.30	20 min	Metadata catalogues in Denmark <i>The past year, several Danish initiatives have focused on improving the metadata of public sector datasets and on making it easier for end users to find those metadata in the portal of their choice. In order to be successful, it should be simple for data providers to update their metadata and it should be possible to do that in in one place only, despite the co-existence of different catalogues and accompanying standards. This presentation will explain the set-up in Denmark.</i>	Heidi Vanparys and Johan Hartnack
11.35-11.55	20 min	Towards Safe City – why standards play an important role <i>As we need to bridge the silos in order to transform a city into safe/smart, standards have to be used on all different levels. Within the different domains (Government, Transportation, Utilities, Public Safety, Education, ...) to lay the foundation for "bridging" as well as from technology perspective (e.g. what to do with sensors, IoT, ...) within the geospatial context</i>	Uwe Jasnoch
12.00-12.25	20 min	Motivators and barriers to the implementation of quality and standards.	Serena, ICA
		Lunch break	
13.15-13.35	20 min	eGov in Denmark	Jan Hjelmager?
13.35-13.40		Workshop: <i>The workshop will focus on the requirements for Land Cover (LC) standards and possible harmonisation strategies for similar LC concepts like LCML and the European EAGLE</i>	
13.40-14.00	3 h incl. coffee break	Global aspects and requirements for LC Standards <i>Steffen Fritz is one of the leading domain experts regarding the requirements for global land cover datasets and the challenges to handle semantic issues. Within the presentation the global perspective and requirements for future LC standards are discussed.</i>	Steffen Fritz
14.05-14.45		Use of LC Standards within the INSPIRE Initiative <i>The INSPIRE Directive aims to create a spatial data infrastructure in Europe, enabling the sharing of environmental spatial information in a harmonized way. One of the data themes covered by the Directive is Land Cover in which the use of the LCML ISO 19144-2 standard is foreseen. the following note: "The presentation is part of the LC-Session proposed by the p-member Austria."</i>	Lena Hallin-Pihlatie
14.50-15.10		The overall EAGLE Concept	Mario Caetano
15.30-15.50		Concept of the EAGLE Matrix	Stephan Arnold
15.55-16.15		Harmonisation strategies of LCML and EGALE concepts within the revision of ISO 19144	Roland Grillmayer
16.20		Wrap up and end	



New

- [ISO 19157:2013/Amd 1:2018](#) Describing data quality using coverages
- ISO/TS 19159-3:2018 Geographic information -- Calibration and validation of remote sensing imagery sensors and data -- Part 3: SAR/InSAR
- [ISO 19165-1:2018](#) Geographic information -- Preservation of digital data and metadata -- Part 1: Fundamentals



Under development

- ISO/NP 6709 Standard representation of geographic point location by coordinates
- ISO 19101-2 Geographic information -- Reference model -- Part 2: Imagery
- ISO/NP 19105 Geographic information -- Conformance and testing
- ISO/DIS 19107 Geographic information -- Spatial schema
- ISO/DIS 19111 Geographic information -- Referencing by coordinates
- ISO/DIS 19112 Geographic information -- Spatial referencing by geographic identifiers
- ISO 19115-2 Geographic information -- Metadata -- Part 2: Extensions for acquisition and processing
- ISO/CD 19116 Geographic information -- Positioning services
- ISO/NP 19123-1 Geographic information -- Schema for coverage geometry and functions
- ISO 19123-2 Geographic information -- Schema for coverage geometry and functions -- Part 2: Coverage implementation schema
- ISO/CD 19126 Geographic information -- Feature concept dictionaries and registers
- ISO/PRF 19127 Geographic information -- Geodetic register
- ISO/DIS 19130-1 Geographic information -- Imagery sensor models for geopositioning -- Part 1: Fundamentals
- ISO/AWI TS 19130-3 Geographic information -- Imagery sensor models for geopositioning -- Part 3: Implementation Schema



Under development

- ISO/CD 19131 Geographic information -- Data product specifications
- ISO/CD 19136-1 Geographic information -- Geography Markup Language (GML) -- Part 1: Fundamentals
- ISO/DTS 19139-1 Geographic information -- Metadata -- XML schema implementation -- Part 1: Encoding rules for geographic resources
- ISO 19146 Geographic information -- Cross-domain vocabularies
- ISO/NP 19148 Geographic information -- Linear referencing
- ISO 19150-2:2015/DAmD
- ISO/CD 19150-4 Geographic information -- Ontology -- Part 4: Service ontology
- ISO/AWI 19160-2 Addressing -- Part 2: Good practices for address assignment schemes
- ISO/CD 19160-3 Addressing -- Part 3: Address data quality
- ISO/AWI 19161-1 Geographic information -- Geodetic references -- Part 1: The international terrestrial reference system (ITRS)
- ISO/NP TS 19163-2 Geographic information -- Content components and encoding rules for imagery and gridded data -- Part 2: Implementation schema
- ISO/AWI 19165-2 Geographic information -- Preservation of digital data and metadata -- Part 2: Content specifications for earth observation data and derived digital products
- ISO/AWI 19166 Geographic information -- BIM to GIS conceptual mapping (B2GM)
- ISO/NP TR 19167 Geographic Information -- The Application of ubiquitous public access for air quality information



New work item proposal

- ISO 19168 WFS
 - Together with OGC



- Europa standard direkt för alla
- Dagordning standards in action
- Presentationsverktyg för standarder
- Serenas arbete, egen punkt (fredag)
- WFS/19168



Reference

- ISO/TC 211 Programme of work
<https://www.iso.org/committee/54904/x/catalogue/p/0/u/1/w/0/d/0>
- ISO Online Browsing Platform (OBP)
<https://www.iso.org/obp/ui/#home>
- ISO information for Geographic Information/Geomatics
<https://www.iso.org/committee/54904.html>

