



News from the standardisation bodies

JRC INSPIRE Team

On behalf of ISO TC-211 and OGC




15th MIG meeting – March 31, 2022

News from standardisation bodies

Information provided by:

- ISO TC/211.
- OGC.

INSPIRE MIG/14/2021/DOC3



INSPIRE
Infrastructure for Spatial Information in Europe

News from Standardisation Bodies

Type	Document for information and discussion
Creator	EC and EEA INSPIRE Team
Date/status/version	25/11/2021 / FINAL / version 1
Addressee	MIG
Identifier	MIG/14/2021/DOC3
Description	This documents summarises new developments and activities relevant to INSPIRE maintenance and implementation from the following standardisation bodies: <ul style="list-style-type: none">• ISO/TC 211 Geographic Information/ Geomatics• Open Geospatial Consortium (OGC)• World Wide Web Consortium (W3C)

actions:	MIG to: <ul style="list-style-type: none">• Take note of the document• Discuss possible coordinated actions related to the presented standardisation activities
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https://wikis.ec.europa.eu/download/attachments/44142553/%5BDOC5%5D_News%20from%20Standardisation%20Bodies-v1-20220330.pdf?version=1&modificationDate=1648662104530&api=v2

ISO TC/211

Geographic information/Geomatics

Recent and upcoming activities

- ISO/TC 211 meeting weeks
 - 9-13 May in Vienna: [54th Plenary meeting Vienna \(iso.org\)](https://www.iso.org/committee/211)
- Online standards guide (collaboration with International Hydrographic Office)
 - Launched in Feb 2022: [UNGGIM Standards Guide \(ogc.org\)](https://www.unggim.org/standards-guide)
- Land administration domain model workshop
 - 31 March – 2 April 2022: [LADM2022Workshop < Research/ISO19152 < TU Delft Wiki](https://www.tu-delft.nl/research/iso19152)
- Spatial digital twins workshop (liaison with World Geospatial Information Congress)
 - 5 April: <https://www.assetmapping.events/spatial-digital-twins>

ISO TC/211

Geographic information/Geomatics

New initiatives / standard projects

- Several initiatives in decision and voting process before formal start.

Highlights:

- Land Administration Domain Models (LADM) – ISO 19152:
 - Parts 1 to 6.
- Mechanism to harmonise Land cover and land use classifications - ISO 19144:
 - Parts 1 to 4.

ISO TC/211

Geographic information/Geomatics

Advisory and ad-hoc groups

- Highlights:
 - AHG 05 on automated documentation.
 - AHG 07 on representing time - “Time” is not specific to geographic information and good practice and standards for describing temporal aspects of data exist in many other areas.

Recently published standards

- No ISO/TC 211 standards have been published since November 2021.

New ISO/TC 211 Chair

- Mr. Peter Parslow - peter.parslow@os.uk (replacing Agneta Engberg).

OGC

- **2021 Recap** – Presentation from 122nd OGC Member meeting available at: https://portal.ogc.org/files/?artifact_id=100569
 - 12 Standards approved.
 - 3 Best and Community Practices approved.
 - 22 Engineering Reports approved.
 - 4 Discussion or Technical Papers approved.
 - 4 new Standards Working Group (SWG).
 - 12 Innovation Program initiatives completed.
- The [OGC API family of standards](#) are being developed to make it easy for anyone to provide geospatial data to the web. OGC API Roadmap.
- [OGC Standards Roadmap](#).
- Other highlights: [INSPIRE and OGC APIs - Part 1: Modernising INSPIRE](#) - Part 2 under development.

OGC Sprints

- 8th - 10th March 2022:
Joint OGC OSGeo ASF Code Sprint – covering all OGC Standards (Sponsored by OS).
- May 2022:
Covering OGC API DGGS, OGC API Tiles, OGC API Coverages, OGC API Environmental Data Retrieval.
- July 2022:
Covering OGC API Moving Features, OGC API Routes, OGC API GeoVolumes, OGC API Features
- September 2022:
Joint OGC and ISO/TC211 Code Sprint – covering OGC API Records, ISO 19115, JSON-FG, and STAC.
- December 2022:
Covering OGC API Maps, OGC API Tiles, OGC API Styles.

OGC

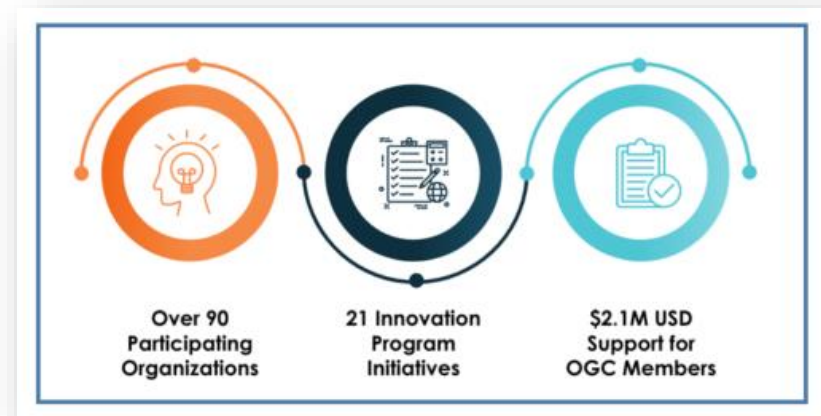
- OGC Members meetings

Date	Location	Host/Sponsor
28. Feb - 04. March 2022	Virtual	AWS
June 2022	In-person Europe (south-west)	
October 2022	Singapore	Singapore Land Authority
December 2022 Innovation Meeting	Virtual	
28. Feb - 04. March 2022	Virtual	AWS

OGC

OGC Innovation Program

- Forum for OGC members to solve the latest and hardest geospatial challenges via a collaborative and agile process.
- Current initiatives include:
 - Testbed-18
 - New Space
 - Machine Learning.
 - Open Science.
 - Building Energy.
 - Federated Marine SDI Pilot.
 - Climate Change Services Pilot.
 - GeoTech Interoperability Experiment (addressing connections between Science & IT, BIM & GIS, Users & Solutions).



Thank you!



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