

News from standardisation bodies

12th MIG meeting – 27 November 2020

News from standardisation bodies

INSPIRE MIG/12/2020/DOC7

- Information provided by
 - OGC
 - ISO TC/211
 - W3C



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	18/11/2020 / DRAFT / version 0.1
Addressee	MIG
Identifier	MIG/12/2020/DOC7
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

ISO TC/211 Geographic information/Geomatics

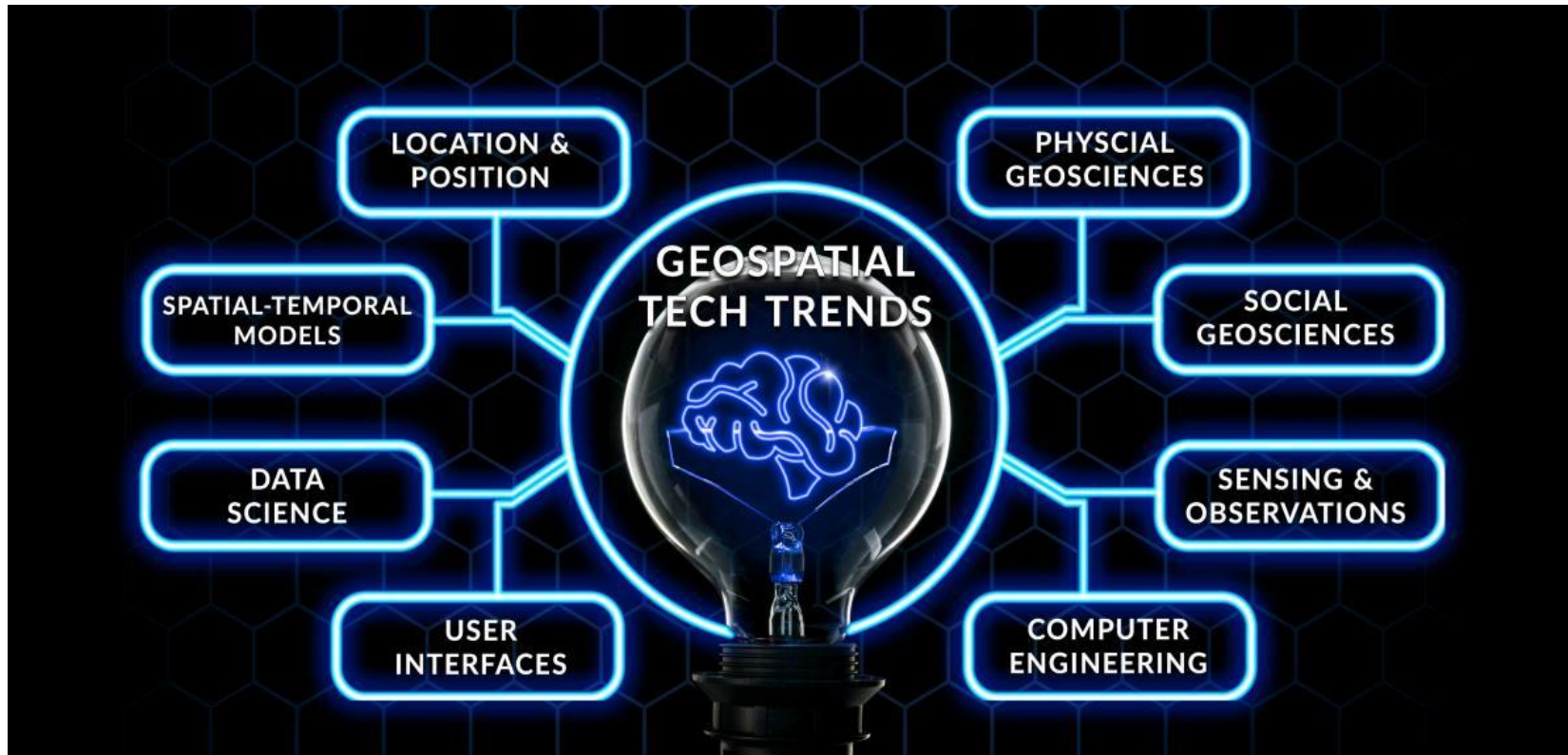
- Some 20 ISO/TC 211 standards are referenced in the INSPIRE implementing rules. For a description of benefits, please take part of this summary [ISO/TC 211 standards in European INSPIRE Directive](#)
 - Presentation at ISO/TC211 Standard in Action Seminar 27/11
- The ISO/TC 211 Standards in Action Seminar in June provided many examples of the use of standards, e.g. the ISO 19160-1 standard on addresses, widely used in monitoring and blocking the contagion chain of the COVID-disease
- New initiatives, New standard projects, Recently published standard
- <https://committee.iso.org/home/tc211>

OGC Recent developments

- Status of standardisation activities in Q1 and Q2 of 2020
 - 5 Standards approved
 - 1 Best Practice
 - 24 Engineering Reports approved
 - 5 Discussion or White Papers approved
- OGC API Roadmap
- OGC Standards Roadmap
- Technical / Planning Committee Meetings

OGC Recent developments

- OGC Tech Trends
 - analysis of the trends using AI-based Geospatial Technology Explorer



OGC – JRC collaboration

- Bi-monthly meetings JRC-OGC
 - Explore synergies and ensure good uptake of OGC standards + feedback on the technical level
- JRC has been invited to present on APIs at the OGC Europa Forum (January tbd)

W3C – Web of Things

- Virtual workshop on AI and Machine Learning organised in August/September 2020, see: <https://www.w3.org/2020/06/machine-learning-workshop/>
- [The Web and Networks IG](#) is exploring opportunities arising from the advent of 5G, high bandwidth and low latency networking.
- [The Web GPU Graphics WG](#) is developing an API for web applications to exploit GPUs from web page scripts.
- [The Immersive Web WG](#) is creating some basic building blocks in respect to high-performance Virtual Reality (VR) and Augmented Reality (AR) (collectively known as XR) to the open Web via APIs to interact with XR devices and sensors in browsers.

Keep in touch



EU Science Hub: ec.europa.eu/jrc



@EU_ScienceHub



EU Science Hub – Joint Research Centre



EU Science, Research and Innovation



Eu Science Hub