

**Committee of Experts on Global Geospatial
Information Management
Twelfth session
3-5 August 2022**

INTRODUCTORY STATEMENT

Agenda Item 15

Implementation and adoption of standards for the global geospatial information community

Thursday, 4 August 2022

Thank you Mr. / Ms. Co-Chair, Dear colleagues,

I am honored to bring this report prepared jointly by the Open Geospatial Consortium (OGC), the Technical Committee 211 of the International Organization for Standardization (ISO/TC 211) and the International Hydrographic Organization (IHO) to your attention.

At its eleventh session, the Committee of Experts adopted decision 11/111, which expressed its appreciation for the collaborative efforts and work of the standards development organizations in developing and preparing standards for the measurement and monitoring of the Sustainable Development Goals, advancing data access and data sharing, including towards the ongoing response to the COVID-19 pandemic disaster, risk reduction and management, and welcomed continuing development of the open application programming interface (API) standards, the ISO 19152 Land Administration Domain Model and the S-100 suite of marine data product specifications. The Committee also welcomed and endorsed the third edition of the “Guide to the role of standards in geospatial information management”, the purpose of which was to promote the recommendations regarding the use of standards for geospatial information management.

In the referenced report the three organizations elaborate on their collective efforts made since. They provide details of the Open Geospatial Consortium’s work on the development of modernized open API standards and the integration of geospatial information, statistics and other data to address access to, and integration of, location information related to Earth observations, disaster preparedness and response, health, marine spatial data interoperability, the environment and climate change.

As listed in detail in the full report, the work of OGC community includes a strong focus on improving connections of OGC standards with IHO Standards and ISO Standards.

The report also describes the work of technical committee 211 and its continued progress in the development of the multi-part standards ISO 19152 Land Administration Domain Model, the ISO 19144 series on land cover and ISO 19160 on addressing, and discuss the increased use of the ISO Geodetic Registry.

Last, this report presents the advances made by the International Hydrographic Organization on the S-100 Universal Hydrographic Data Model to support the creation and maintenance of interoperable maritime data product services that are compliant with the ISO 19100 series of geographic information standards and the projected work with coastal nations to engage on using the IGIF-MSDI Maturity Roadmap for real-world (Marine) SDI development.

Among other relevant items the organizations report also provides an overview of the work done regarding the use of geospatial standards in supporting the measurement and monitoring of the Sustainable Development Goals, highlights the continued support to the standards pathway for the Implementation Guide of the IGIF; and discuss practical examples on the implementation of geospatial standards that help further strengthen the Standards Guide.

I invite the Committee to take note of the report and to express its views on the ongoing work of the three standards development organizations.

Dr Mathias Jonas, Secretary General IHO