

ISO/TC 211 Geographic Information/Geomatics

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SUMMARY

ISO/TC211 – Geographic information/Geomatics is the ISO technical committee dealing with geospatial matters. Larry Hothem is the representative from ISO/TC211 to FIG and Nic Donnelly and Louise Friis-Hansen (on behalf of the FIG office) are the representatives from FIG to ISO/TC211.

Two plenary meetings were held during 2019, the first in Maribor, Slovenia from 3 June – 7 June and the second in Omiya, Japan, from 9 December – 13 December. The next plenary meeting will be in Helsinki, Finland in June 2020.

There are a number of items on the TC211 work programme that may be of interest to FIG member organizations. For a full list, please refer to the ISO/TC211 website <https://committee.iso.org/sites/tc211/home/projects.html>

Foremost is the work being done on a revision of the Land Administration Domain Model, ISO19152 (see below). The original development of this standard was led by members of FIG Commission 7 and FIG remains heavily involved in the revision, principally through the contributions of Christiaan Lemmen and Peter Van Oosterom. Early work has focussed on determining the scope of the revision, with a focus on extensions to accommodate valuation and taxation components to the data model.

Another proposed enhancement is an extension to the survey model to better support the integration of spatial planning with land administration.

Another item of interest is that the development of a new standard for Discrete Global Grid Systems

(DGGS), ISO19170, has commenced. This work is undertaken jointly with OGC, which has already published a standard on DGGS. DGGS are designed to support big-data processing at global scales, providing a scalable means of assigning location to data at any desired resolution.

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FIG Working Week 2020
Smart surveyors for land and water management
Amsterdam, the Netherlands, 10–14 May 2020