

ISO 19152:2012 Land Administration Domain Model (LADM)

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SUMMARY

This Standard grew out of the Commission 7 work on the Core Cadastral Domain Model. It was accepted into the ISO/TC 211 work programme in 2008. The Land Administration Domain Model (LADM) ISO 19152:2012 Edition 1 was published in 2012. It facilitates the efficient set-up of land administration and can function as the core of any land administration system. LADM is flexible,

widely applicable and functions as a central source of state-of-the-art international knowledge on this topic. LADM is one of the first spatial domain standards.

The development of this standard was prepared and initiated in Commission 7. The first Edition was published in December 2012. A second edition is under preparation now within ISO TC 211 on Geographic Information.

The proposals for inclusion of new functionality in the LADM and for an extension of the scope were discussed during a TC211 meeting in July 2019 in Maribor, Slovenia. During this meeting, it was decided to publish the second edition in several parts:

Part 1 – Land Administration Fundamentals

Part 2 – Land

Registration

Part 3 – Marine Space

Part 4 – Land Valuation

Part 5 – Spatial Planning

Part 6 – Implementations

Each part will be a separate standard and requires a submission of a formal “New Working Item Proposal” (NWIP). It is planned those NWIPs will be submitted by FIG and its commissions. The preparations for those submissions will be discussed during the Standards Network Meeting in Amsterdam in 2020. It is important to organise this in cooperation with UN GGIM, World Bank, IHO, RICS, etc.

An earlier NWIP submitted in autumn 2018 by FIG concerned the development of edition two as one comprehensive standard. This NWIP is no longer valid.

To start development, a so-called “Stage 0” Document was prepared. After a second TC211 meeting in Tokyo Japan in 2019, this “Stage 0” was distributed for comments and observations by the TC211 members. A substantial part of this “Stage 0” document is also published in FIGs paper of the month of December 2019.

The 8th Land Administration Domain Model (LADM) Workshop was held in Kuala Lumpur, Malaysia,

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

to 3 October 2019. The proceedings are available at

<https://wiki.tudelft.nl/bin/view/Research/ISO19152/LADM2019Workshop>

A special issue on the Land Administration Domain Model of the International Scientific Journal

“Land Use Policy” is under preparation. Apart from this many scientific publications on LADM are published in the Journal, also in 2019: <https://www.journals.elsevier.com/land-use-policy>

Preparations with the Open Geo-Spatial Consortium on LADM operationalisation are ongoing. There were meetings on this issue in Leuven, Belgium, in June 2019 and in Toulouse, France in November 2019.