

LADM II in support of the SDGs

Prof. Christiaan Lemmen with Eftychia Kalogianni, ISO and OGC

ABSTRACT

LADM revision is shaping-up. The scope of the current version of the model is extended and some of the existing parts are being refined. The goal is that these refinements will add more semantics to LADM, enhance interoperability but are also backwards compatible. The second Edition of LADM would be a multi-part model, with 6 parts, having the spatial development object lifecycle as a central concept.

The current scope of the standard is extended with a valuation and fiscal perspective to be used to construct information systems for immovable property valuation and taxation. What is more, spatial planning/zoning with legal implications is a further extension, while Edition II will include a normative reference to IHO S121 (Marine Limits and Boundaries). In addition, the second Edition is expected to go beyond a conceptual model, thus extensions towards implementations of the conceptual model will be included. Further, there will not only be attention for the information, but also for the Land Administration processes, while Edition II will also include a methodology of how the develop a country profile. Last but not least, LADM is extended with attributes allowing monitoring, based on globally comparable harmonized land indicators. Today, NWIP for Part 1 – Fundamentals has been submitted by Standards Australia and approved, NWIP Part 2 - Land Registration, is under development and will be submitted by FIG and for Part 6 - Implementation there is a close collaboration with OGC.