



Call for Contributions

International FIG workshop on the Land Administration Domain Model (LADM2013)

www.isoladm.org

2013/09/24 0

24 – 25 September 2013
(in conjunction with ISG2013)
Kuala Lumpur, Malaysia

You are cordially invited to contribute and participate in the international FIG workshop on LADM. The Land Administration Domain Model, LADM passed on the 1st of November 2012 unanimously the final vote towards becoming an international standard, ISO 19152 and was formally published by ISO on 1st of December 2012. The workshop will be organized as joint activity of the International Federation of Surveyors (FIG), Universiti Teknologi Malaysia (UTM), Jupem, Association of Authorised Land Surveyors of Malaysia, Kadaster, ITC (University of Twente) and TU Delft.

About LADM

LADM is a common standard for the land administration domain. It will stimulate the development of software applications and will accelerate the implementation of proper land administration systems that will support sustainable development. The LADM covers basic information-related components of land administration (including those over water and land, and elements above

and below the surface of the earth); The standard provides an abstract, conceptual model with four packages related to:

- parties (people and organizations);
- basic administrative units, rights, responsibilities, and restrictions (ownership rights);
- spatial units (parcels, and the legal space of buildings and utility networks);
- spatial sources (surveying), and spatial representations (geometry and topology);

LADM defines terminology for land administration, based on various national and international systems that is as simple as possible in order to be useful in practice. The terminology allows a shared description of different formal or informal practices and procedures in various jurisdictions; The standard further provides a basis for national and regional profiles; and enables the combining of land administration information from different sources in a coherent manner.

Workshop topics

The workshop covers the following aspects:

Refined LADM modeling

- Informal and formal RRRs, refinements,
- LADM country profiles,
- Spatial modeling (2D, 3D, and integrated 2D/3D),
- Legal Modeling (consider deep integration with time: 4D)
- Land development, Land Readjustment, and Consolidation
- Social Tenure Domain Model (STDM),
- Formalizing constraints in UML/OCL,
- More formal semantics (e.g. RDF, OWL),

LADM input/output

- Legal/admin documents,
- Public and private law doctrines,
- Spatial (input/output) documents,
- Web-based dissemination and submission,
- Data acquisition (surveying, imagery,..),

Information Infrastructure

- LADM and Spatial data infrastructure (SDI),
- Key registers and Information Infrastructures (not only spatial/SDI),
- Lifecycle support spatial development,
- LADM and other models CityGML, LandXML,

LADM scope and beyond

- 3D Cadastre,
- Marine Cadastre,
- Urban and rural Cadastre,
- Tax Cadastre,
- Natural Resources and Mining Cadastre,
- RRRs related to infrastructure/utilities,
- Inclusion of spatial plans (as right or restriction),
- Cadastre 2014 (multi-purpose Cadastre),
- Further attention to blueprint classes: taxation, valuation, addresses, persons,...

LADM implementation

- LADM system development,
- LADM first use experiences,
- LADM conformance testing, certification,
- International use: INSPIRE CP or EULIS or....,
- LADM and LPIS (agricultural parcels for subsidy),
- National use within federated countries (States, Provinces, Bundesländer,...),
- Automated transformation from conceptual to physical schema (XML/XSD, SQL/DDI),
- Mapping from national LADM profile to international LADM profile (e.g. INSPIRE/CP),
- Industry implementations,
- Open Source / FLOSS for LADM/STDM.

Organization

Organizers: Alias Abdul Rahman and Muhamad Ghazali Hashim (UTM), Teng Chee Hua and Hasan Jamil (Jupem), Rohan Bennett and Jaap Zevenbergen (ITC, University of Twente) and Association of Authorised Land Surveyors of Malaysia (AALSM). Programme Committee chairs: Peter van Oosterom (TU Delft) and Christian Lemmen (Kadaster).

Venue

Universiti Teknologi Malaysia,
International Campus,
Jalan Semarak, Kuala Lumpur

Registration

Registration with normal workshop fee (RM 700) or student fee (RM 350) will be possible via the ISG conference website <http://www.voronoi.com/isg2013>

Publication

All submissions (extended abstracts of 500-1000 words) will be peer reviewed and all accepted contributions are expected to submit a full paper, which will be included in both the on-line and printed proceedings (available at the workshop), published by the FIG with ISBN/ISSN reference. Based on the full papers and the presentations at the workshop, a limited number of authors will be invited to submit a significantly different/ extended paper to a special LADM issue within the international scientific journal 'Land Use Policy' (LUP).

Paper submission

All papers must be submitted via the EasyChair online system. Information on the paper submission and formatting are available in the workshop website.

Important dates

Extended abstract	31 May 2013
Acceptance notification	30 June 2013
Camera-ready full paper	15 August 2013
Conference	24 – 25 September 2013

Website

More information available in the following link:
www.isoladm.org

Contact

Any enquiries please contact:
P.J.M.vanOosterom@tudelft.nl
(TU Delft, The Netherlands)



UNIVERSITI TEKNOLOGI MALAYSIA



JUPEM



PELITA



TU Delft



kadaster



ITC

UNIVERSITY OF TWENTE

