



The 7th Land Administration Domain Model Workshop

Welcome to the homepage of the LADM 2018 workshop, Zagreb, Croatia,
11-13 April 2018
in conjunction with Sixth Croatian Congress on Cadastre (VI.HKK), to be
held at Hotel Antunovic.

Technical Programme and Proceedings

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00 Title page and other front matter of the Proceedings

Draft programme 11 April 2018:

13:00-15:00 session 1: Opening, fast-forward, LADM experiences 1 (chair: Peter van Oosterom)

- Rinaldo Paar: Welcome to the participants on behalf of the local organization
- Peter van Oosterom: Summary of the LADM2017 workshop (as starting point of the LADM 2018 workshop) [pres_00b](#)
- Christiaan Lemmen: Impression from the LADM discussions at the World bank conference 19-23 March 2018
- Fast forward presentations: 21 * 3 minutes... [pres_00ff1](#) [pres_00ff2](#), video
- [paper_01](#) Hrvoje Tomić, Siniša Mastelić Ivić, Miodrag Roić, and Goran Jurakić: Are Croatian official registers complying with the LADM fiscal/valuation extension? [pres_01](#)
- [paper_02](#) Abdullah Kara, Ümit Işıkdag, Volkan Çağdaş, Peter van Oosterom, Christiaan Lemmen, and Erik Stubkjær: A Database Implementation of LADM Valuation Information Model in Turkish Case Study [pres_02](#)
- [paper_03](#) Pieter Soffers and Eric Hagemans: Semantically enriching and reconstructing the cadastral map of the Netherland: An LADM approach [pres_03](#)

16:00-17:30 plenary with VI.CCC: Opening ceremony

Draft programme 12 April 2018:

9:00-10:30 **plenary with VI.CCC: Invited lectures**

11:00-12:30 **session 2: 3D Cadastre** (chair: Gyula Iván)

- [paper 04](#) Abbas Rajabifard, Muiyiwa Agunbiade, Mohsen Kalantari, Kit Meng Yip, Behnam Atazadeh, Farshad Badiee, Mohd Noor Isa, Mohamad Kamali Adimin, Chan Keat Lim, Ali Aien, Hamed Olfat, Davood Shojaei, and Mohsen Rahimpour Anaraki: An LADM-based approach to developing and implementing national 3D cadastre: A case study of Malaysia [pres_04](#)
- [paper 05](#) Eftychia Kalogianni, Efi Dimopoulou, and Peter van Oosterom: 3D Cadastre and LADM: needs and expectations towards LADM revision [pres_05](#)
- [paper 06](#) Behnam Atazadeh, Abbas Rajabifard, and Mohsen Kalantari: Connecting LADM and IFC Standards: Pathways towards an Integrated Legal-Physical Model [pres_06](#)
- [paper 07](#) Rod Thompson, Peter van Oosterom, Barbara Cemellini, and Marian de Vries: Developing an LADM compliant dissemination and visualization system for 3D Spatial Units [pres_07](#)

14:00-15:30 **working session 1: topic/groups/leaders**

- Valuation Information Model Extension, co-chairs Jesper Paasch/ Christiaan Lemmen, support Abdullah Kara
- Tech.models/encodings (LADM/BIM/CityGML/...), co-chairs Karel Janečka/ Peter van Oosterom, support Abdullah Alattas
- 3D Cadastres/Marine Cadastres, co-chairs Efi Dimopoulou/ Michael Sutherland, support Eftychia Kalogianni
- Organisation revision (ISO, OGC, FIG, UN GGIM), co-chairs Kees de Zeeuw/ Chris Body, support Pieter Soffers

16:00-17:30 **session 3: Land administration processes** (chair: Olaf Østensen)

- [paper 08](#) Saša Vranić, Hrvoje Matijević, and Miodrag Roić: Application of workflow management system to the modelling of processes in land administration systems [pres_08](#)
- [paper 09](#) Christiaan Lemmen, Peter van Oosterom, Eva-Maria Unger and Kees de Zeeuw, and Mohsen Kalantari: Exploring Options for Standardisation of Processes and Transactions in Land Administration [pres_09](#)
- [paper 10](#) Brent Jones: Current State of Geospatial Technology Supporting LADM [pres_10](#)
- [paper 11](#) Jennifer Oldfield, Ronald Bergs, Peter van Oosterom, Thomas Krijnen, and Miquel Marzabal Galano: 3D Cadastral Lifecycle: An Information Delivery Manual ISO 29481 for 3D data extraction from the building permit application process [pres_11](#)

18:00-19:00 **session 4: LADM experiences 2** (chair: Miodrag Roić)

- [paper 12](#) Karel Janečka, Jarosław Bydłosz, Aleksandra Radulović, Nikola Vučić, Dubravka Sladić, and Miro Govedarica: Lessons learned from the creation of the LADM based country profiles [pres_12](#)
- [paper 13](#) Miro Govedarica, Aleksandra Radulović, Dubravka Sladić, and Dragana Popović: LADM – experiences and challenges in implementation [pres_13](#)
- [paper 14](#) Mehmet Alkan, Zeynel Abidin Polat: Analysis of Studies on the Land Administration Domain Model in Turkey [pres_14](#)

Draft programme 13 April 2018:

9:00-10:30 **session 5: Technical models/implementation** (chair: Brent Jones)

- [paper 15](#) Erik Stubkjær, Jesper Paasch, Volkan Cagdas, Peter van Oosterom, Scott Simmons, Jenny Paulsson, and Christiaan Lemmen: International code list management - The Case of Land Administration [pres_15](#)
- [paper 16](#) Abdullah Alattas, Peter Van Oosterom, and Sisi Zlatanova: Deriving Technical model for the indoor navigation prototype based on the integration of [IndoorGML](#) and LADM [pres_16](#)
- [paper 17](#) Lina Baron, Fabian Mejia, and Lorenz Jenni: Legal independence, modularity and implementation of LADM using INTERLIS – case study of the Colombian ISO 19152 profile [pres_17](#)
- [paper 18](#) Abdullah Kara, Volkan Çağdaş, Ümit Işıkdag, Peter van Oosterom, Christiaan Lemmen, and Erik Stubkjær: The LADM Valuation Module Based on INTERLIS [pres_18](#)

11:00-12:30 **working session 2: topics/groups/leaders**

- Valuation Information Model Extension [pres_22a](#)
- Tech.models/encodings (LADM/BIM/CityGML/...) [pres_22b](#)
- 3D Cadastres/Marine Cadastres [pres_22c](#)
- Organisation revision (ISO, OGC, FIG, UN GGIM) [pres_22d](#)

14:00-15:30 **session 6: Marine Cadastre, Reporting working sessions, and NWIP** (chair: Christiaan Lemmen)

- [paper 19](#) Veljko Flego, Miodrag Roić, and Irena Benasić: Is LADM ready for maritime domain? - Case study Croatia [pres_19](#)
- [paper 20](#) Charisse Griffith-Charles, Michael Sutherland, and Sunil Lalloo: Extensions to the LADM Trinidad and Tobago toward a Juridical, Fiscal, and Marine Cadastre [pres_20](#)
- Video reporting working sessions [v1](#) [v2](#)
- [paper 21](#) Christiaan Lemmen, Peter van Oosterom, and Mohsen Kalantari: Towards a New Working Item Proposal for Edition II of LADM

15:30-16:00 **plenary with VI.CCC: Closing**