



OFFICE INTERNATIONAL DU CADASTRE ET DU RÉGIME FONCIER
INTERNATIONAL OFFICE OF CADASTRE AND LAND RECORDS
INTERNATIONALES AMT FÜR KATASTER UND GRUNDBUCHWESEN

OICRF Annual Report 2017

OICRF - the International Office for Cadastre and Land Records - is one of the permanent bodies of the International Federation of Surveyors (FIG). OICRF serves as a documentation and study centre for land administration and is charged with the following tasks: collecting and systematically filing and indexing all documentation material relating to existing cadastres and land registration systems; conducting comparative studies of this material and publishing the results; providing information and advice on all cadastres and land registration systems to all interested persons and institutions for the purposes of study or to help countries wishing to set up a cadastre or land registration system or improve an existing system, and maintaining the documentation system on a daily basis.



The digital Land Administration Library in 2017

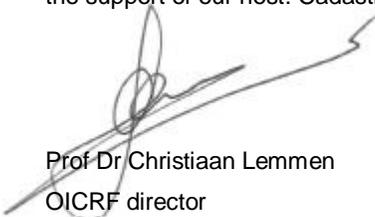
OICRF maintains a digital library that contains almost 18.000 publications (December 31, 2017). OICRF contents are available in different languages. All of the available documents and the most recent publications can be accessed electronically at www.oicrf.org. The website has been completely renewed in 2017 – see the screendump at the lefthandside.

Standardisation

OICRF is strongly involved in the development of standards for Land Administration. This concerns the Land Administration Domain Model (LADM) and the Social Tenure Domain Model (STDM). Preparations have been made for the development of a second edition of LADM in ISO – including a valuation model and more comprehensive 3D and 4D functionality for cadastres. Inclusion of Blockchain is considered. Attention is given to operationalization of LADM in cooperation with the Open Geospatial Consortium. The World Bank is supporting those developments. And also the Expert Group on Land Administration and Management of UN-GGIM strongly supports those developments – initiated by FIG.

Contact

OICRF does its utmost to provide the best possible service for anyone who requests information. This is made possible by the support of our host: Cadastre, Land Registry and Mapping Agency of the Netherlands.


Prof Dr Christiaan Lemmen
OICRF director


Ms Pauline van Elsland
OICRF secretary

OICRF Comparative Studies in 2017

- Lemmen, C.H.J., Bennett, R.M. and Saers, P. (2017) Geomatics and surveying in support of land administration : implementing tenure security for all. In: GIM International: Business Guide 2017, pp. 32-35.
- Luo, Xianghuan., Bennett, R.M., Koeva, M.N. and Lemmen, C.H.J. (2017) Investigating Semi-Automated Cadastral Boundaries Extraction from Airborne Laser Scanned Data. In: Land: open access, 6(2017)3, article no. 60, 23 p
- Luo, Xianghuan., Bennett, R.M., Koeva, M.N., Lemmen, C.H.J. and Quadros, N. (2017) Quantifying the Overlap between Cadastral and Visual Boundaries : A Case Study from Vanuatu. Urban Science, 1(2017)4, article no. 32, 15 p.
- Balas, M., Carrilho, J., Joaquim, S., Lemmen, C.H.J., Murta, J., Matlava, L. and Ruy, M.M. (2017) A Fit For Purpose Land Cadaster in Mozambique. In: Responsible Land Governance: Towards and Evidence Based Approach, Washington, D.C. March 20-24, 2017 : Proceedings of the Annual World Bank Conference on Land and Poverty, 26 p.
- Vos, J., Lemmen, C.H.J. and Beentjes, B. (2017) Blockchain-based Land Administration: Feasible, Illusory or Panacea?. In: Responsible Land Governance: Towards and Evidence Based Approach, Washington, D.C. March 20-24, 2017 : Proceedings of the Annual World Bank Conference on Land and Poverty
- De Zeeuw, C.J. and Lemmen, C.H.J. (2017) Boosting the registration of land rights in step with the SDG's. In: Responsible Land Governance: Towards and Evidence Based Approach, Washington, D.C. March 20-24, 2017 : Proceedings of the Annual World Bank Conference on Land and Poverty
- Lemmen, C.H.J., van Oosterom, P.J.M., Kalantari, M., Unger, E.M., Teo, C.H. and De Zeeuw, C.J. (2017) Further standardisation in Land Administration. In: Responsible Land Governance: Towards and Evidence Based Approach, Washington, D.C. March 20-24, 2017 : Proceedings of the Annual World Bank Conference on Land and Poverty
- Jones, B., Lemmen, C.H.J. and Molendijk, M. (2017) Low Cost, Post Conflict Cadastre with Modern Technology. In: Responsible Land Governance: Towards and Evidence Based Approach, Washington, D.C. March 20-24, 2017: Proceedings of the Annual World Bank Conference on Land and Poverty
- Balas, M., Carrilho, J., Joaquim, S.P., Murta, J., Lemmen, C.H.J., Matlava, L. and Marques, M.R. (2017) The Case for Participatory Fit For Purpose Massive Land Registration as a means for a Sustainable Cadaster in Mozambique. In: Responsible Land Governance: Towards and Evidence Based Approach, Washington, D.C. March 20-24, 2017: Proceedings of the Annual World Bank Conference on Land and Poverty
- Wassie, Y.A., Koeva, M.N., Bennett, R.M. and Lemmen, C.H.J. (2017) A procedure for semi-automated cadastral boundary feature extraction from high-resolution satellite imagery. In: Journal of spatial science, (2017) 19 p
- Van der Molen, P, 2017, Taxation a Blessing, GIM International May 2017 Page 6
- Alattas, A., Zlatanova, S., van Oosterom, P.J.M., Chatzinikolaou, E., Lemmen, C.H.J. and Li, K.J. (2017) Supporting Indoor Navigation Using Access Rights to Spaces Based on Combined Use of IndoorGML and LADM Models. In: ISPRS International Journal of Geo-Information 6 (2017)12 article no. 384, 32 p.
- Every, F., Griffith-Charles, C., Holder, R., Molendijk, M., van Oosterom, P.J.M., Ocampo Alcántar, R., Croes, J.M.M., Lemmen, C.H.J., Ploeger, H. and Sutherland, M. (2017) Initial inventory of 3D cadastre use cases in the Caribbean. In: FIG working week 2017, Helsinki, Finland. 19 p.
- Louwsma, M., Lemmen, C.H.J., Hartvigsen, M., Hiironen, J., du Plessis, J., Chen, M. and Laarakker, P. (2017) Land consolidation and land readjustment for sustainable development: the issues to be addressed. FIG working week 2017, Helsinki, Finland. 19 p.
- Kohli, D., Bennett, R.M., Lemmen, C.H.J., Asiama, K.O., Morales, J.A., Pinheiro, A., Wayumba, R. and Zevenbergen, J.A. (2017) A quantitative comparison of completely visible cadastral parcels using satellite images : a step towards automation. FIG working week 2017 Helsinki, Finland. 14 p.
- Van den Berg, C., Simango, D.M. and Lemmen, C.H.J. (2017) Urbanisation versus occupation in the Beira municipality : how land registration supports spatial planning processes. FIG working week 2017 June 2017, Helsinki, Finland. 18 p.
- Çağdaş, V., Kara, A., Işıkdağ, Ü., van Oosterom, P.J.M. and Lemmen, C.H.J. (2017) A Knowledge Organization System for the Development of an ISO 19152:2012 LADM Valuation Module. FIG working week 2017 June 2017, Helsinki, Finland.
- McLaren, R. (interviewee), Lemmen, C.H.J. and Bennett, R.M. (interviewers) (2017) Need for new players and leaders to enter the land sector: GIM International interviews Robin McLaren, director of Know Edge Ltd.. GIM International, 31 (2017)6 pp. 12-15.
- Asiama, K, Lengoiboni, M, van der Molen, P, 2017, In the Land of the Damned: Assessing Governance in Resettlement of Ghana's Bui Dam Project, Land 2017(6, 80) 1-24
- Van der Molen, P, 2017, Food Security, Land Use and Land Surveyors, Survey Review 2017 (49, 353) 147-152
- Ambani, S., Kalinga, J. and Lemmen, C.H.J. (2017) Handheld land administration mapping methods : Institution of Surveyors of Kenya demonstrates alternative approaches. In: GIM International, 31 (2017)6 pp. 25-27.
- Lemmen, C.H.J., Friis-Hansen, L. and Unger, E.M. (2017) Surveying the world of tomorrow: from digitalisation to augmented reality. In: GIM International, 31 (2017)7 pp. 35-36.
- Lemmen, C.H.J., Vos, J. and Beentjes, B. (2017) Ongoing Development of Land Administration Standards : Blockchain in Transaction Management. In: European Property Law Journal, 6(2017)3, pp. 478-502.
- Kohli, D., Crommelinck, S., Bennett, R.M., Koeva, M.N. and Lemmen, C.H.J. (2017) Object-based image analysis for cadastral mapping using satellite images. In: Proceedings of Image and Signal Processing for Remote Sensing XXIII, 11-14 September 2017, Warsaw, Poland / edited by L. Bruzzone. Bellingham: SPIE, 2017.
- Lengoiboni, M., Lemmen, C.H.J. and Zevenbergen, J.A. (2017) Documentation of Overlapping and Secondary Land Rights : Innovative Tools for Tenure Recordation. In: GIM International, 31 (2017)10 pp. 41-43.
- Van der Molen, P, 2017, Be Smart With Public Land, GIM International November 2017 Page 6