Christiaan Lemmen

List of Publications by Year
in descending order

46 papers	1,036 citations	516681 16 h-index	454934 30 g-index
51 all docs	51 docs citations	51 times ranked	470 citing authors

#	ARTICLE	IF	CITATIONS
1	The Land Administration Domain Model. Land Use Policy, 2015, 49, 535-545.	5.6	182
2	The core cadastral domain model. Computers, Environment and Urban Systems, 2006, 30, 627-660.	7.1	76
3	4D cadastres: First analysis of legal, organizational, and technical impact—With a case study on utility networks. Land Use Policy, 2010, 27, 1068-1081.	5.6	62
4	Solutions for 4D cadastre – with a case study on utility networks. International Journal of Geographical Information Science, 2011, 25, 1173-1189.	4.8	54
5	The Land Administration Domain Model (LADM): Motivation, standardisation, application and further development. Land Use Policy, 2015, 49, 527-534.	5.6	51
6	Supporting Indoor Navigation Using Access Rights to Spaces Based on Combined Use of IndoorGML and LADM Models. ISPRS International Journal of Geo-Information, 2017, 6, 384.	2.9	49
7	3D Land Administration: A Review and a Future Vision in the Context of the Spatial Development Lifecycle. ISPRS International Journal of Geo-Information, 2020, 9, 107.	2.9	40
8	Further modelling of LADM's rights, restrictions and responsibilities (RRRs). Land Use Policy, 2015, 49, 680-689.	5.6	38
9	A procedure for semi-automated cadastral boundary feature extraction from high-resolution satellite imagery. Journal of Spatial Science, 2018, 63, 75-92.	1.5	37
10	3 Dimensional data research for property valuation in the context of the LADM Valuation Information Model. Land Use Policy, 2020, 98, 104179.	5.6	36
11	Innovative Remote Sensing Methodologies for Kenyan Land Tenure Mapping. Remote Sensing, 2020, 12, 273.	4.0	29
12	Spatial data management on a very large cadastral database. Computers, Environment and Urban Systems, 2001, 25, 509-528.	7.1	25
13	Land Administration Maintenance: A Review of the Persistent Problem and Emerging Fit-for-Purpose Solutions. Land, 2021, 10, 509.	2.9	21
14	Methodology for the development of LADM country profiles. Land Use Policy, 2021, 105, 105380.	5.6	21
15	Towards 3D Indoor Cadastre Based on Change Detection from Point Clouds. Remote Sensing, 2019, 11, 1972.	4.0	19
16	Application of LADM for the integration of land and housing information in China: The legal dimension. Land Use Policy, 2015, 49, 634-648.	5.6	18
17	Investigating Semi-Automated Cadastral Boundaries Extraction from Airborne Laser Scanned Data. Land, 2017, 6, 60.	2.9	17
18	Ongoing Development of Land Administration Standards. European Property Law Journal, 2017, 6, 478-502.	0.5	16

#	ARTICLE	IF	CITATIONS
19	Quantifying the Overlap between Cadastral and Visual Boundaries: A Case Study from Vanuatu. Urban Science, 2017, 1, 32.	2.3	16
20	3D Land Administration for 3D Land Uses. Land Use Policy, 2020, 98, 104665.	5.6	16
21	LADM AND INDOORGML FOR SUPPORT OF INDOOR SPACE IDENTIFICATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W1, 257-263.	0.0	16
22	The LADM Valuation Information Model and its application to the Turkey case. Land Use Policy, 2021, 104, 105307.	5.6	15
23	Implementation of the spatial plan information package for improving ease of doing business in Indonesian cities. Land Use Policy, 2021, 105, 105338.	5.6	15
24	Remote Sensing for Land Administration. Remote Sensing, 2020, 12, 2497.	4.0	14
25	Global policy transfer for land administration and disaster risk management. Land Use Policy, 2020, 99, 104834.	5.6	14
26	The point cadastre requirement revisited. Survey Review, 2013, 45, 239-247.	1.2	13
27	Development of 3D spatial profiles to support the full lifecycle of 3D objects. Land Use Policy, 2020, 98, 104177.	5.6	11
28	Constructing a seamless digital cadastral database using colonial cadastral maps and VHR imagery â€" an Indian perspective. Survey Review, 2016, 48, 258-268.	1.2	10
29	The Fit for Purpose Land Administration Approach-Connecting People, Processes and Technology in Mozambique. Land, 2021, 10, 818.	2.9	10
30	A LADM-based temporal cadastral information system for modelling of easement rights â€" A case study of Turkey. Survey Review, 2020, 52, 1-12.	1.2	9
31	AN INITIAL DESIGN OF ISO 19152:2012 LADM BASED VALUATION AND TAXATION DATA MODEL. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W1, 145-154.	0.0	9
32	Fit-for-Purpose Land Administrationâ€"Providing Secure Land Rights at Scale. Land, 2021, 10, 972.	2.9	8
33	LADM for sustainable development: An exploratory study on the application of domain-specific data models to support the SDGs. Land Use Policy, 2021, 108, 105499.	5.6	8
34	Application of LADM for disaster prone areas and communities. Land Use Policy, 2019, 80, 118-126.	5.6	7
35	Domain-Driven Design applied to land administration system development: Lessons from the Netherlands. Land Use Policy, 2021, 104, 105379.	5.6	7
36	Designing all-inclusive land administration systems: A case study from Colombia. Land Use Policy, 2021, 109, 105617.	5.6	7

#	Article	IF	Citations
37	INTEROPERABLE DOMAIN MODELS: THE ISO LAND ADMINISTRATION DOMAIN MODEL LADM AND ITS EXTERNAL CLASSES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXVIII-4/C21, 31-40.	0.2	6
38	LADM-based profile for farmland Tripartite Entitlement System in China. Land Use Policy, 2020, 92, 104459.	5.6	4
39	The land administration domain model (LADM) as the reference model for the Cyprus land information system (CLIS). Survey Review, 2012, , .	1.2	3
40	CHANGE DETECTION FROM POINT CLOUDS TO SUPPORT INDOOR 3D CADASTRE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4, 451-457.	0.2	3
41	Developing an adapted land administration domain model profile for Kenya. Land Use Policy, 2022, 117, 106087.	5.6	3
42	Land, Innovation, and Social Good. Land, 2021, 10, 503.	2.9	2
43	Object-based image analysis for cadastral mapping using satellite images. , 2017, , .		2
44	The new, LADM inspired, data model of the Dutch cadastral map. Land Use Policy, 2022, 117, 106074.	5.6	2
45	Cadastral systems III. Computers, Environment and Urban Systems, 2004, 28, 435-442.	7.1	0
46	The LADM Based on INTERLIS. , 2017, , 113-119.		0