

Peter H Verburg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5735123/publications.pdf>

Version: 2024-02-01

381
papers

36,900
citations

1612

105
h-index

4427

172
g-index

392
all docs

392
docs citations

392
times ranked

26552
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Spatial Dynamics of Regional Land Use: The CLUE-S Model. <i>Environmental Management</i> , 2002, 30, 391-405.	1.2	1,141
2	Land use change modelling: current practice and research priorities. <i>Geo Journal</i> , 2004, 61, 309-324.	1.7	806
3	Comparing the input, output, and validation maps for several models of land change. <i>Annals of Regional Science</i> , 2008, 42, 11-37.	1.0	685
4	Framing Sustainability in a Telecoupled World. <i>Ecology and Society</i> , 2013, 18, .	1.0	673
5	Combining top-down and bottom-up dynamics in land use modeling: exploring the future of abandoned farmlands in Europe with the Dyna-CLUE model. <i>Landscape Ecology</i> , 2009, 24, 1167-1181.	1.9	612
6	Used planet: A global history. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7978-7985.	3.3	611
7	Linking biodiversity, ecosystem services, and human well-being: three challenges for designing research for sustainability. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 76-85.	3.1	559
8	Challenges in using land use and land cover data for global change studies. <i>Global Change Biology</i> , 2011, 17, 974-989.	4.2	436
9	Mapping ecosystem services demand: A review of current research and future perspectives. <i>Ecological Indicators</i> , 2015, 55, 159-171.	2.6	433
10	From land cover change to land function dynamics: A major challenge to improve land characterization. <i>Journal of Environmental Management</i> , 2009, 90, 1327-1335.	3.8	432
11	Manifestations and underlying drivers of agricultural land use change in Europe. <i>Landscape and Urban Planning</i> , 2015, 133, 24-36.	3.4	422
12	The yield gap of global grain production: A spatial analysis. <i>Agricultural Systems</i> , 2010, 103, 316-326.	3.2	420
13	Land system science and sustainable development of the earth system: A global land project perspective. <i>Anthropocene</i> , 2015, 12, 29-41.	1.6	388
14	The driving forces of landscape change in Europe: A systematic review of the evidence. <i>Land Use Policy</i> , 2016, 57, 204-214.	2.5	364
15	Integrating socio-cultural perspectives into ecosystem service valuation: A review of concepts and methods. <i>Ecological Economics</i> , 2015, 114, 67-78.	2.9	363
16	Spatial agent-based models for socio-ecological systems: Challenges and prospects. <i>Environmental Modelling and Software</i> , 2013, 45, 1-7.	1.9	345
17	Determinants of Land-Use Change Patterns in the Netherlands. <i>Environment and Planning B: Planning and Design</i> , 2004, 31, 125-150.	1.7	325
18	Middle-range theories of land system change. <i>Global Environmental Change</i> , 2018, 53, 52-67.	3.6	323

#	ARTICLE	IF	CITATIONS
19	Policy reform and agricultural land abandonment in the EU. <i>Land Use Policy</i> , 2013, 30, 446-457.	2.5	321
20	A spatial explicit allocation procedure for modelling the pattern of land use change based upon actual land use. <i>Ecological Modelling</i> , 1999, 116, 45-61.	1.2	320
21	Challenges for land system science. <i>Land Use Policy</i> , 2012, 29, 899-910.	2.5	320
22	A multi-scale, multi-model approach for analyzing the future dynamics of European land use. <i>Annals of Regional Science</i> , 2008, 42, 57-77.	1.0	314
23	Ecosystem service values for mangroves in Southeast Asia: A meta-analysis and value transfer application. <i>Ecosystem Services</i> , 2012, 1, 62-69.	2.3	312
24	Global protected area expansion is compromised by projected land-use and parochialism. <i>Nature</i> , 2014, 516, 383-386.	13.7	312
25	Spatial quantification and valuation of cultural ecosystem services in an agricultural landscape. <i>Ecological Indicators</i> , 2014, 37, 163-174.	2.6	299
26	Downscaling of land use change scenarios to assess the dynamics of European landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2006, 114, 39-56.	2.5	291
27	Challenges and opportunities in mapping land use intensity globally. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 484-493.	3.1	279
28	Land cover change or land-use intensification: simulating land system change with a global-scale land change model. <i>Global Change Biology</i> , 2013, 19, 3648-3667.	4.2	278
29	Transitions in European land-management regimes between 1800 and 2010. <i>Land Use Policy</i> , 2015, 49, 53-64.	2.5	261
30	A method to analyse neighbourhood characteristics of land use patterns. <i>Computers, Environment and Urban Systems</i> , 2004, 28, 667-690.	3.3	250
31	A quantitative framework for assessing spatial flows of ecosystem services. <i>Ecological Indicators</i> , 2014, 39, 24-33.	2.6	247
32	European agricultural landscapes, common agricultural policy and ecosystem services: a review. <i>Agronomy for Sustainable Development</i> , 2014, 34, 309-325.	2.2	246
33	A global analysis of land take in cropland areas and production displacement from urbanization. <i>Global Environmental Change</i> , 2017, 43, 107-115.	3.6	243
34	Modelling land use change and environmental impact. <i>Journal of Environmental Management</i> , 2004, 72, 1-3.	3.8	240
35	Trajectories of land use change in Europe: a model-based exploration of rural futures. <i>Landscape Ecology</i> , 2010, 25, 217-232.	1.9	239
36	A conceptual framework for analysing and measuring land-use intensity. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 464-470.	3.1	236

#	ARTICLE	IF	CITATIONS
37	Methods and approaches to modelling the Anthropocene. <i>Global Environmental Change</i> , 2016, 39, 328-340.	3.6	235
38	Unpacking ecosystem service bundles: Towards predictive mapping of synergies and trade-offs between ecosystem services. <i>Global Environmental Change</i> , 2017, 47, 37-50.	3.6	229
39	Projecting land use changes in the Neotropics: The geography of pasture expansion into forest. <i>Global Environmental Change</i> , 2007, 17, 86-104.	3.6	224
40	Continental-scale quantification of landscape values using social media data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12974-12979.	3.3	224
41	Simulating feedbacks in land use and land cover change models. <i>Landscape Ecology</i> , 2006, 21, 1171-1183.	1.9	221
42	REVIEW: Quantifying urban ecosystem services based on high-resolution data of urban green space: an assessment for Rotterdam, the Netherlands. <i>Journal of Applied Ecology</i> , 2015, 52, 1020-1032.	1.9	220
43	Gross changes in reconstructions of historic land cover/use for Europe between 1900 and 2010. <i>Global Change Biology</i> , 2015, 21, 299-313.	4.2	215
44	Effect of tree species on carbon stocks in forest floor and mineral soil and implications for soil carbon inventories. <i>Forest Ecology and Management</i> , 2008, 256, 482-490.	1.4	212
45	Spatial characterization of landscape functions. <i>Landscape and Urban Planning</i> , 2008, 88, 34-43.	3.4	208
46	Ecosystem service trade-offs from supply to social demand: A landscape-scale spatial analysis. <i>Landscape and Urban Planning</i> , 2014, 132, 102-110.	3.4	207
47	Future carbon sequestration in Europe—Effects of land use change. <i>Agriculture, Ecosystems and Environment</i> , 2008, 127, 251-264.	2.5	206
48	Green infrastructure for urban climate adaptation: How do residents' views on climate impacts and green infrastructure shape adaptation preferences?. <i>Landscape and Urban Planning</i> , 2017, 157, 106-130.	3.4	205
49	Land System Science: between global challenges and local realities. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 433-437.	3.1	204
50	Mapping ecosystem services: The supply and demand of flood regulation services in Europe. <i>Ecological Indicators</i> , 2014, 38, 198-211.	2.6	204
51	Urban land-use change: The role of strategic spatial planning. <i>Global Environmental Change</i> , 2018, 51, 32-42.	3.6	204
52	Biodiversity scenarios neglect future land-use changes. <i>Global Change Biology</i> , 2016, 22, 2505-2515.	4.2	201
53	Assessing Landscape Functions with Broad-Scale Environmental Data: Insights Gained from a Prototype Development for Europe. <i>Environmental Management</i> , 2009, 44, 1099-1120.	1.2	198
54	An agent-based approach to model land-use change at a regional scale. <i>Landscape Ecology</i> , 2010, 25, 185-199.	1.9	198

#	ARTICLE	IF	CITATIONS
55	Wild food in Europe: A synthesis of knowledge and data of terrestrial wild food as an ecosystem service. <i>Ecological Economics</i> , 2014, 105, 292-305.	2.9	198
56	Drivers of Wetland Conversion: a Global Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e81292.	1.1	189
57	Land use change under conditions of high population pressure: the case of Java. <i>Global Environmental Change</i> , 1999, 9, 303-312.	3.6	186
58	Quantifying and mapping ecosystem services: Demand and supply of pollination in the European Union. <i>Ecological Indicators</i> , 2014, 36, 131-141.	2.6	185
59	Transitioning to resilience and sustainability in urban communities. <i>Cities</i> , 2013, 32, S21-S28.	2.7	180
60	Hotspots of land use change in Europe. <i>Environmental Research Letters</i> , 2016, 11, 064020.	2.2	174
61	Hotspots of uncertainty in land use and land cover change projections: a global scale model comparison. <i>Global Change Biology</i> , 2016, 22, 3967-3983.	4.2	171
62	Space for people, plants, and livestock? Quantifying interactions among multiple landscape functions in a Dutch rural region. <i>Ecological Indicators</i> , 2010, 10, 62-73.	2.6	169
63	Global priorities for national carnivore conservation under land use change. <i>Scientific Reports</i> , 2016, 6, 23814.	1.6	169
64	A method to define a typology for agent-based analysis in regional land-use research. <i>Agriculture, Ecosystems and Environment</i> , 2008, 128, 27-36.	2.5	168
65	A high-resolution and harmonized model approach for reconstructing and analysing historic land changes in Europe. <i>Biogeosciences</i> , 2013, 10, 1543-1559.	1.3	163
66	A land use and land cover system representation for global assessments and land use modeling. <i>Global Change Biology</i> , 2012, 18, 3125-3148.	4.2	161
67	Conventional land use intensification reduces species richness and increases production: A global meta-analysis. <i>Global Change Biology</i> , 2019, 25, 1941-1956.	4.2	161
68	Spatial relationship between climatologies and changes in global vegetation activity. <i>Global Change Biology</i> , 2013, 19, 1953-1964.	4.2	160
69	Combination of process-oriented and pattern-oriented models of land-use change in a mountain area of Vietnam. <i>Ecological Modelling</i> , 2007, 202, 410-420.	1.2	157
70	Ten facts about land systems for sustainability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	157
71	Form follows function? Proposing a blueprint for ecosystem service assessments based on reviews and case studies. <i>Ecological Indicators</i> , 2012, 21, 145-154.	2.6	155
72	Simulation of changes in the spatial pattern of land use in China. <i>Applied Geography</i> , 1999, 19, 211-233.	1.7	153

#	ARTICLE	IF	CITATIONS
73	Predictive ability of logistic regression, auto-logistic regression and neural network models in empirical land-use change modeling – a case study. <i>International Journal of Geographical Information Science</i> , 2011, 25, 65-87.	2.2	151
74	Trade-offs of European agricultural abandonment. <i>Land Use Policy</i> , 2017, 62, 290-301.	2.5	151
75	Uncertainties in Ecosystem Service Maps: A Comparison on the European Scale. <i>PLoS ONE</i> , 2014, 9, e109643.	1.1	149
76	Combining top-down and bottom-up modelling approaches of land use/cover change to support public policies: Application to sustainable management of natural resources in northern Vietnam. <i>Land Use Policy</i> , 2007, 24, 531-545.	2.5	147
77	Drivers of forest harvesting intensity patterns in Europe. <i>Forest Ecology and Management</i> , 2014, 315, 160-172.	1.4	147
78	Linking Land Change with Driving Forces and Actors: Four Conceptual Models. <i>Ecology and Society</i> , 2010, 15, .	1.0	146
79	Aesthetic appreciation of the cultural landscape through social media: An analysis of revealed preference in the Dutch river landscape. <i>Landscape and Urban Planning</i> , 2018, 177, 128-137.	3.4	145
80	A review of current calibration and validation practices in land-change modeling. <i>Environmental Modelling and Software</i> , 2016, 82, 174-182.	1.9	143
81	Alternative trajectories of land abandonment: causes, consequences and research challenges. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 471-476.	3.1	142
82	Archetypical patterns and trajectories of land systems in Europe. <i>Regional Environmental Change</i> , 2018, 18, 715-732.	1.4	142
83	Monitoring biodiversity in the Anthropocene using remote sensing in species distribution models. <i>Remote Sensing of Environment</i> , 2020, 239, 111626.	4.6	142
84	Projecting land use transitions at forest fringes in the Philippines at two spatial scales. <i>Landscape Ecology</i> , 2004, 19, 77-98.	1.9	139
85	Impacts of land use change scenarios on hydrology and land use patterns in the Wu-Tu watershed in Northern Taiwan. <i>Landscape and Urban Planning</i> , 2007, 80, 111-126.	3.4	133
86	Opportunities to improve impact, integration, and evaluation of land change models. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 452-457.	3.1	132
87	Characterizing European cultural landscapes: Accounting for structure, management intensity and value of agricultural and forest landscapes. <i>Land Use Policy</i> , 2017, 62, 29-39.	2.5	129
88	Bundles of ecosystem (dis)services and multifunctionality across European landscapes. <i>Ecological Indicators</i> , 2017, 73, 23-28.	2.6	129
89	Forest Loss in Protected Areas and Intact Forest Landscapes: A Global Analysis. <i>PLoS ONE</i> , 2015, 10, e0138918.	1.1	126
90	Exploring ecosystem-change and society through a landscape lens: recent progress in European landscape research. <i>Ecology and Society</i> , 2015, 20, .	1.0	125

#	ARTICLE	IF	CITATIONS
91	Comparison of a deductive and an inductive approach to specify land suitability in a spatially explicit land use model. <i>Land Use Policy</i> , 2007, 24, 584-599.	2.5	122
92	Land-use and land-cover changes in the Central Rift Valley of Ethiopia: Assessment of perception and adaptation of stakeholders. <i>Applied Geography</i> , 2015, 65, 28-37.	1.7	120
93	Identification of vulnerable areas for gully erosion under different scenarios of land abandonment in Southeast Spain. <i>Catena</i> , 2007, 71, 110-121.	2.2	119
94	Preferences for European agrarian landscapes: A meta-analysis of case studies. <i>Landscape and Urban Planning</i> , 2014, 132, 89-101.	3.4	118
95	Land system change and food security: towards multi-scale land system solutions. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 494-502.	3.1	117
96	The potential of old maps and encyclopaedias for reconstructing historic European land cover/use change. <i>Applied Geography</i> , 2015, 59, 43-55.	1.7	117
97	Mapping and modelling of changes in agricultural intensity in Europe. <i>Agriculture, Ecosystems and Environment</i> , 2011, 140, 46-56.	2.5	116
98	Mapping recreation and aesthetic value of ecosystems in the Bilbao Metropolitan Greenbelt (northern) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	115
99	A comparative approach to assess the contribution of landscape features to aesthetic and recreational values in agricultural landscapes. <i>Ecosystem Services</i> , 2016, 17, 87-98.	2.3	115
100	Beyond land cover change: towards a new generation of land use models. <i>Current Opinion in Environmental Sustainability</i> , 2019, 38, 77-85.	3.1	115
101	A Portfolio Approach to Analyzing Complex Human-Environment Interactions: Institutions and Land Change. <i>Ecology and Society</i> , 2006, 11, .	1.0	113
102	Sensitising rural policy: Assessing spatial variation in rural development options for Europe. <i>Land Use Policy</i> , 2011, 28, 447-459.	2.5	112
103	Meta-studies in land use science: Current coverage and prospects. <i>Ambio</i> , 2016, 45, 15-28.	2.8	112
104	Analysis of the effects of land use change on protected areas in the Philippines. <i>Applied Geography</i> , 2006, 26, 153-173.	1.7	111
105	Pathways to bridge the biophysical realism gap in ecosystem services mapping approaches. <i>Ecological Indicators</i> , 2017, 74, 241-260.	2.6	110
106	Spatial explorations of land use change and grain production in China. <i>Agriculture, Ecosystems and Environment</i> , 2000, 82, 333-354.	2.5	106
107	Synthesis in land change science: methodological patterns, challenges, and guidelines. <i>Regional Environmental Change</i> , 2015, 15, 211-226.	1.4	106
108	Direct and indirect loss of natural habitat due to built-up area expansion: A model-based analysis for the city of Wuhan, China. <i>Land Use Policy</i> , 2018, 74, 231-239.	2.5	106

#	ARTICLE	IF	CITATIONS
109	Analysis of land use drivers at the watershed and household level: Linking two paradigms at the Philippine forest fringe. <i>International Journal of Geographical Information Science</i> , 2005, 19, 125-152.	2.2	105
110	Spatial analysis of the driving factors of grassland degradation under conditions of climate change and intensive use in Inner Mongolia, China. <i>Regional Environmental Change</i> , 2012, 12, 461-474.	1.4	105
111	How can landscape ecology contribute to sustainability science?. <i>Landscape Ecology</i> , 2018, 33, 1-7.	1.9	104
112	A rural typology for strategic European policies. <i>Land Use Policy</i> , 2012, 29, 473-482.	2.5	103
113	Assessing uncertainties in land cover projections. <i>Global Change Biology</i> , 2017, 23, 767-781.	4.2	103
114	Multiscale Characterization of Land-Use Patterns in China. <i>Ecosystems</i> , 2000, 3, 369-385.	1.6	101
115	Multi-scale modelling of land use change dynamics in Ecuador. <i>Agricultural Systems</i> , 1999, 61, 77-93.	3.2	99
116	A land-use systems approach to represent land-use dynamics at continental and global scales. <i>Environmental Modelling and Software</i> , 2012, 33, 61-79.	1.9	99
117	Land system architecture: Using land systems to adapt and mitigate global environmental change. <i>Global Environmental Change</i> , 2013, 23, 395-397.	3.6	99
118	Modeling Land-Use and Land-Cover Change. <i>Global Change - the IGBP Series</i> , 2006, , 117-135.	2.1	98
119	Effects of land use changes on streamflow generation in the Rhine basin. <i>Water Resources Research</i> , 2009, 45, .	1.7	98
120	A review of global potentially available cropland estimates and their consequences for model-based assessments. <i>Global Change Biology</i> , 2015, 21, 1236-1248.	4.2	98
121	Closing global knowledge gaps: Producing generalized knowledge from case studies of social-ecological systems. <i>Global Environmental Change</i> , 2018, 50, 1-14.	3.6	98
122	Mapping and modelling past and future land use change in Europe's cultural landscapes. <i>Land Use Policy</i> , 2019, 80, 332-344.	2.5	98
123	The Need for Scale Sensitive Approaches in Spatially Explicit Land Use Change Modeling. <i>Environmental Modeling and Assessment</i> , 2001, 6, 111-121.	1.2	96
124	Multifunctionality at what scale? A landscape multifunctionality assessment for the European Union under conditions of land use change. <i>Landscape Ecology</i> , 2017, 32, 481-500.	1.9	96
125	The peri-urbanization of Europe: A systematic review of a multifaceted process. <i>Landscape and Urban Planning</i> , 2020, 196, 103733.	3.4	96
126	Land use change: complexity and comparisons. <i>Journal of Land Use Science</i> , 2008, 3, 1-10.	1.0	94

#	ARTICLE	IF	CITATIONS
127	Future landscapes of Switzerland: Risk areas for urbanisation and land abandonment. <i>Applied Geography</i> , 2015, 57, 32-41.	1.7	93
128	A method and application of multi-scale validation in spatial land use models. <i>Agriculture, Ecosystems and Environment</i> , 2001, 85, 223-238.	2.5	92
129	Multilevel modelling of land use from field to village level in the Philippines. <i>Agricultural Systems</i> , 2006, 89, 435-456.	3.2	92
130	Projecting Land-Use Change and Its Consequences for Biodiversity in Northern Thailand. <i>Environmental Management</i> , 2010, 45, 626-639.	1.2	92
131	Impact of EU biofuel policies on world agricultural production and land use. <i>Biomass and Bioenergy</i> , 2011, 35, 2385-2390.	2.9	92
132	Assessing spatial uncertainties of land allocation using a scenario approach and sensitivity analysis: A study for land use in Europe. <i>Journal of Environmental Management</i> , 2013, 127, S132-S144.	3.8	92
133	Global change effects on land management in the Mediterranean region. <i>Global Environmental Change</i> , 2018, 50, 238-254.	3.6	91
134	Opportunities for sustainable intensification in European agriculture. <i>Global Environmental Change</i> , 2018, 48, 43-55.	3.6	90
135	Mapping opportunities and challenges for rewilding in Europe. <i>Conservation Biology</i> , 2015, 29, 1017-1027.	2.4	89
136	Modelling interactions and feedback mechanisms between land use change and landscape processes. <i>Agriculture, Ecosystems and Environment</i> , 2009, 129, 157-170.	2.5	87
137	A global assessment of market accessibility and market influence for global environmental change studies. <i>Environmental Research Letters</i> , 2011, 6, 034019.	2.2	87
138	A multi-scale modelling approach for analysing landscape service dynamics. <i>Journal of Environmental Management</i> , 2012, 100, 86-95.	3.8	87
139	Uncertainties in global-scale reconstructions of historical land use: an illustration using the HYDE data set. <i>Landscape Ecology</i> , 2013, 28, 861-877.	1.9	87
140	Use of demand for and spatial flow of ecosystem services to identify priority areas. <i>Conservation Biology</i> , 2017, 31, 860-871.	2.4	87
141	Effect of land use history and site factors on spatial variation of soil organic carbon across a physiographic region. <i>Agriculture, Ecosystems and Environment</i> , 2009, 133, 86-97.	2.5	86
142	Modelling the spatial distribution of livestock in Europe. <i>Landscape Ecology</i> , 2009, 24, 1207-1222.	1.9	85
143	Optimizing the allocation of agri-environment measures to navigate the trade-offs between ecosystem services, biodiversity and agricultural production. <i>Environmental Science and Policy</i> , 2018, 84, 186-196.	2.4	84
144	Identifying a Safe and Just Corridor for People and the Planet. <i>Earth's Future</i> , 2021, 9, e2020EF001866.	2.4	84

#	ARTICLE	IF	CITATIONS
145	Spatio-temporal dynamics of regulating ecosystem services in Europe“ The role of past and future land use change. <i>Applied Geography</i> , 2015, 63, 121-135.	1.7	83
146	Crowdsourcing geo-information on landscape perceptions and preferences: A review. <i>Landscape and Urban Planning</i> , 2019, 184, 101-111.	3.4	81
147	Accessibility and land-use patterns at the forest fringe in the northeastern part of the Philippines. <i>Geographical Journal</i> , 2004, 170, 238-255.	1.6	79
148	Combining exploratory scenarios and participatory backcasting: using an agent-based model in participatory policy design for a multi-functional landscape. <i>Landscape Ecology</i> , 2012, 27, 641-658.	1.9	78
149	Drivers of changes in agricultural intensity in Europe. <i>Land Use Policy</i> , 2016, 58, 380-393.	2.5	78
150	Effects of landscape configuration on mapping ecosystem service capacity: a review of evidence and a case study in Scotland. <i>Landscape Ecology</i> , 2016, 31, 1457-1479.	1.9	78
151	Modelling of land cover and agricultural change in Europe: Combining the CLUE and CAPRI-Spat approaches. <i>Agriculture, Ecosystems and Environment</i> , 2011, 142, 40-50.	2.5	76
152	Mediterranean land systems: Representing diversity and intensity of complex land systems in a dynamic region. <i>Landscape and Urban Planning</i> , 2017, 165, 102-116.	3.4	75
153	Is biofuel policy harming biodiversity in Europe?. <i>GCB Bioenergy</i> , 2009, 1, 18-34.	2.5	74
154	Combining agent functional types, capitals and services to model land use dynamics. <i>Environmental Modelling and Software</i> , 2014, 59, 187-201.	1.9	73
155	Modelling the spatial distribution of linear landscape elements in Europe. <i>Ecological Indicators</i> , 2013, 27, 125-136.	2.6	71
156	Demand for biodiversity protection and carbon storage as drivers of global land change scenarios. <i>Global Environmental Change</i> , 2016, 40, 101-111.	3.6	71
157	Representing composition, spatial structure and management intensity of European agricultural landscapes: A new typology. <i>Landscape and Urban Planning</i> , 2016, 150, 36-49.	3.4	71
158	Meeting global land restoration and protection targets: What would the world look like in 2050?. <i>Global Environmental Change</i> , 2018, 52, 259-272.	3.6	71
159	Spatially explicit modelling of biofuel crops in Europe. <i>Biomass and Bioenergy</i> , 2011, 35, 2411-2424.	2.9	70
160	Simulating and delineating future land change trajectories across Europe. <i>Regional Environmental Change</i> , 2018, 18, 733-749.	1.4	70
161	Global scenarios for biodiversity need to better integrate climate and land use change. <i>Diversity and Distributions</i> , 2017, 23, 1231-1234.	1.9	69
162	Current challenges of implementing anthropogenic land-use and land-cover change in models contributing to climate change assessments. <i>Earth System Dynamics</i> , 2017, 8, 369-386.	2.7	69

#	ARTICLE	IF	CITATIONS
163	Regional Scale Mapping of Grassland Mowing Frequency with Sentinel-2 Time Series. <i>Remote Sensing</i> , 2018, 10, 1221.	1.8	69
164	Multi-scale system approaches in agronomic research at the landscape level. <i>Soil and Tillage Research</i> , 2001, 58, 129-140.	2.6	68
165	The representation of landscapes in global scale assessments of environmental change. <i>Landscape Ecology</i> , 2013, 28, 1067-1080.	1.9	68
166	Global change and the distributional dynamics of migratory bird populations wintering in Central America. <i>Global Change Biology</i> , 2017, 23, 5284-5296.	4.2	68
167	Contribution of Topographically Based Landslide Hazard Modelling to the Analysis of the Spatial Distribution and Ecology of Kauri (<i>Agathis australis</i>). <i>Landscape Ecology</i> , 2006, 21, 63-76.	1.9	67
168	Impact assessment of the European biofuel directive on land use and biodiversity. <i>Journal of Environmental Management</i> , 2010, 91, 1389-1396.	3.8	67
169	Quantifying Spatial Variation in Ecosystem Services Demand: A Global Mapping Approach. <i>Ecological Economics</i> , 2017, 136, 14-29.	2.9	67
170	Monitoring and modelling landscape dynamics. <i>Landscape Ecology</i> , 2010, 25, 163-167.	1.9	66
171	Introduction to the Special Issue on Spatial modeling to explore land use dynamics. <i>International Journal of Geographical Information Science</i> , 2005, 19, 99-102.	2.2	65
172	Agricultural landscapes, ecosystem services and regional competitiveness – Assessing drivers and mechanisms in nine European case study areas. <i>Land Use Policy</i> , 2018, 76, 735-745.	2.5	65
173	Modelling feedbacks between human and natural processes in the land system. <i>Earth System Dynamics</i> , 2018, 9, 895-914.	2.7	65
174	Scenario analysis for integrated water resources management under future land use change in the Urmia Lake region, Iran. <i>Land Use Policy</i> , 2020, 90, 104299.	2.5	65
175	The role of spatially explicit models in land-use change research: a case study for cropping patterns in China. <i>Agriculture, Ecosystems and Environment</i> , 2001, 85, 177-190.	2.5	64
176	Effects of farmers' decisions on the landscape structure of a Dutch rural region: An agent-based approach. <i>Landscape and Urban Planning</i> , 2010, 97, 98-110.	3.4	64
177	Spatio-temporal dynamics in the flood exposure due to land use changes in the Alpine Lech Valley in Tyrol (Austria). <i>Natural Hazards</i> , 2013, 68, 1243-1270.	1.6	63
178	Mapping landscape services: a case study in a multifunctional rural landscape in The Netherlands. <i>Ecological Indicators</i> , 2013, 24, 273-283.	2.6	63
179	Public Support for Wetland Restoration: What is the Link With Ecosystem Service Values?. <i>Wetlands</i> , 2016, 36, 467-481.	0.7	62
180	Beyond the urban-rural dichotomy: Towards a more nuanced analysis of changes in built-up land. <i>Computers, Environment and Urban Systems</i> , 2019, 74, 41-49.	3.3	61

#	ARTICLE	IF	CITATIONS
181	Evaluation of small scale water harvesting techniques for semi-arid environments. <i>Journal of Arid Environments</i> , 2015, 118, 48-57.	1.2	60
182	Harmonizing Biodiversity Conservation and Productivity in the Context of Increasing Demands on Landscapes. <i>BioScience</i> , 2016, 66, 890-896.	2.2	60
183	A conceptual model to integrate the regional context in landscape policy, management and contribution to rural development: Literature review and European case study evidence. <i>Geoforum</i> , 2017, 82, 1-12.	1.4	60
184	A spatially explicit representation of conservation agriculture for application in global change studies. <i>Global Change Biology</i> , 2018, 24, 4038-4053.	4.2	59
185	Characterization of the spatial distribution of farming systems in the Kenyan Highlands. <i>Applied Geography</i> , 2010, 30, 239-253.	1.7	58
186	Exploring global irrigation patterns: A multilevel modelling approach. <i>Agricultural Systems</i> , 2011, 104, 703-713.	3.2	58
187	Developing a methodology for a species-based and spatially explicit indicator for biodiversity on agricultural land in the EU. <i>Ecological Indicators</i> , 2014, 37, 186-198.	2.6	57
188	Mapping recreation as an ecosystem service: Considering scale, interregional differences and the influence of physical attributes. <i>Landscape and Urban Planning</i> , 2018, 175, 149-160.	3.4	56
189	Changes in the spatial patterns of human appropriation of net primary production (HANPP) in Europe 1990–2006. <i>Regional Environmental Change</i> , 2016, 16, 1225-1238.	1.4	55
190	Mapping and linking supply- and demand-side measures in climate-smart agriculture. A review. <i>Agronomy for Sustainable Development</i> , 2017, 37, 1.	2.2	55
191	Simulation of ecosystem service responses to multiple disturbances from an earthquake and several typhoons. <i>Landscape and Urban Planning</i> , 2014, 122, 41-55.	3.4	54
192	Comparing outdoor recreation preferences in peri-urban landscapes using different data gathering methods. <i>Landscape and Urban Planning</i> , 2020, 199, 103796.	3.4	54
193	Complex systems models and the management of error and uncertainty. <i>Journal of Land Use Science</i> , 2008, 3, 11-25.	1.0	53
194	GlobeLand30 shows little cropland area loss but greater fragmentation in China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 66, 37-45.	1.4	52
195	Ground-water level, moisture supply, and vegetation in the Netherlands. <i>Wetlands</i> , 1997, 17, 528-538.	0.7	50
196	Developing and comparing optimal and empirical land-use models for the development of an urbanized watershed forest in Taiwan. <i>Landscape and Urban Planning</i> , 2009, 92, 242-254.	3.4	50
197	Ex Ante Impact Assessment of Policies Affecting Land Use, Part B: Application of the Analytical Framework. <i>Ecology and Society</i> , 2011, 16, .	1.0	50
198	Mapping wood production in European forests. <i>Forest Ecology and Management</i> , 2015, 357, 228-238.	1.4	50

#	ARTICLE	IF	CITATIONS
199	Local land-use decision-making in a global context. <i>Environmental Research Letters</i> , 2019, 14, 083006.	2.2	50
200	Towards better mapping of forest management patterns: A global allocation approach. <i>Forest Ecology and Management</i> , 2019, 432, 776-785.	1.4	49
201	Impacts of future climate and land use change on water yield in a semiarid basin in Iran. <i>Land Degradation and Development</i> , 2020, 31, 1252-1264.	1.8	49
202	Evaluating the impact of regional development policies on future landscape services. <i>Ecological Economics</i> , 2010, 69, 2244-2254.	2.9	48
203	Climate change and the food production system: impacts and adaptation in China. <i>Regional Environmental Change</i> , 2014, 14, 1-5.	1.4	48
204	Mapping landscape potential for outdoor recreation using different archetypical recreation user groups in the European Union. <i>Ecological Indicators</i> , 2018, 85, 105-116.	2.6	48
205	Integrated Landscape Approach: Closing the Gap between Theory and Application. <i>Sustainability</i> , 2017, 9, 1371.	1.6	47
206	Modelling food security: Bridging the gap between the micro and the macro scale. <i>Global Environmental Change</i> , 2020, 63, 102085.	3.6	47
207	The role of small scale sand dams in securing water supply under climate change in Ethiopia. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 317-339.	1.0	46
208	What is the future of abandoned agricultural lands? A systematic review of alternative trajectories in Europe. <i>Land Use Policy</i> , 2022, 112, 105833.	2.5	46
209	Scenarios of land system change in the Lao PDR: Transitions in response to alternative demands on goods and services provided by the land. <i>Applied Geography</i> , 2016, 75, 1-11.	1.7	45
210	Assessing the influence of historic net and gross land changes on the carbon fluxes of Europe. <i>Global Change Biology</i> , 2016, 22, 2526-2539.	4.2	44
211	Spatial and temporal dynamics of methane emissions from agricultural sources in China. <i>Global Change Biology</i> , 2001, 7, 31-47.	4.2	43
212	Ineffective biodiversity policy due to five rebound effects. <i>Ecosystem Services</i> , 2012, 1, 101-110.	2.3	43
213	Adaptation of land management in the Mediterranean under scenarios of irrigation water use and availability. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2018, 23, 821-837.	1.0	42
214	Inclusive conservation and the Post-2020 Global Biodiversity Framework: Tensions and prospects. <i>One Earth</i> , 2022, 5, 252-264.	3.6	42
215	Spatial variability of acid sulphate soils in the Plain of Reeds, Mekong delta, Vietnam. <i>Geoderma</i> , 2000, 97, 1-19.	2.3	41
216	Combining satellite data and agricultural statistics to map grassland management intensity in Europe. <i>Environmental Research Letters</i> , 2018, 13, 074020.	2.2	40

#	ARTICLE	IF	CITATIONS
217	Assessing the environmental impacts of production- and consumption-side measures in sustainable agriculture intensification in the European Union. <i>Geoderma</i> , 2019, 338, 555-567.	2.3	40
218	Mapping global patterns of land use decision-making. <i>Global Environmental Change</i> , 2020, 65, 102170.	3.6	40
219	From land-use/land-cover to land system science. <i>Ambio</i> , 2021, 50, 1291-1294.	2.8	40
220	Global trends and local variations in land take per person. <i>Landscape and Urban Planning</i> , 2022, 218, 104308.	3.4	40
221	Conservation needs to integrate knowledge across scales. <i>Nature Ecology and Evolution</i> , 2022, 6, 118-119.	3.4	40
222	An assessment of the impact of climate adaptation measures to reduce flood risk on ecosystem services. <i>Landscape Ecology</i> , 2012, 27, 473-486.	1.9	39
223	Habitat loss, extinction predictability and conservation efforts in the terrestrial ecoregions. <i>Biological Conservation</i> , 2020, 246, 108579.	1.9	39
224	Balancing conservation priorities for nature and for people in Europe. <i>Science</i> , 2021, 372, 856-860.	6.0	39
225	Land-use change simulation and assessment of driving factors in the loess hilly region—a case study as Pengyang County. <i>Environmental Monitoring and Assessment</i> , 2010, 164, 133-142.	1.3	38
226	Effect of Land Cover Data on Nitrous Oxide Inventory in Fen Meadows. <i>Journal of Environmental Quality</i> , 2008, 37, 1209-1219.	1.0	37
227	Integrated land use and regional resource management — A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources. <i>Journal of Environmental Management</i> , 2013, 127, S1-S5.	3.8	37
228	A survey-based exploration of land-system dynamics in an agricultural region of Northeast China. <i>Agricultural Systems</i> , 2013, 121, 106-116.	3.2	37
229	Using choice modeling to map aesthetic values at a landscape scale: Lessons from a Dutch case study. <i>Ecological Economics</i> , 2016, 130, 221-231.	2.9	37
230	Understanding Land System Change Through Scenario-Based Simulations: A Case Study from the Drylands in Northern China. <i>Environmental Management</i> , 2017, 59, 440-454.	1.2	37
231	Abandonment landscapes: user attitudes, alternative futures and land management in Castro Laboreiro, Portugal. <i>Regional Environmental Change</i> , 2018, 18, 1509-1520.	1.4	37
232	Accounting for multiple ecosystem services in a simulation of land-use decisions: Does it reduce tropical deforestation?. <i>Global Change Biology</i> , 2020, 26, 2403-2420.	4.2	37
233	A causal analysis framework for land-use change and the potential role of bioenergy policy. <i>Land Use Policy</i> , 2016, 59, 516-527.	2.5	36
234	On the contribution of modelling to multifunctional agriculture: Learning from comparisons. <i>Journal of Environmental Management</i> , 2009, 90, S147-S160.	3.8	34

#	ARTICLE	IF	CITATIONS
235	Shifts in ecosystem services in deprived urban areas: understanding people's responses and consequences for well-being. <i>Ecology and Society</i> , 2017, 22, .	1.0	34
236	An agent-based approach to explore the effect of voluntary mechanisms on land use change: A case in rural Queensland, Australia. <i>Journal of Environmental Management</i> , 2010, 91, 2615-2625.	3.8	33
237	From meta-studies to modeling: Using synthesis knowledge to build broadly applicable process-based land change models. <i>Environmental Modelling and Software</i> , 2015, 72, 10-20.	1.9	33
238	Land Cover Change and Woodland Degradation in a Charcoal Producing Semi-Arid Area in Kenya. <i>Land Degradation and Development</i> , 2017, 28, 472-481.	1.8	33
239	Exploring tranquillity experienced in landscapes based on social media. <i>Applied Geography</i> , 2019, 113, 102112.	1.7	33
240	Understanding the role of illicit transactions in land-change dynamics. <i>Nature Sustainability</i> , 2020, 3, 175-181.	11.5	33
241	Telecoupled environmental impacts of current and alternative Western diets. <i>Global Environmental Change</i> , 2020, 62, 102066.	3.6	33
242	Core Principles and Concepts in Land-Use Modelling: A Literature Review. <i>Geospatial Technology and the Role of Location in Science</i> , 2011, , 35-57.	0.2	33
243	A quantitative assessment of policy options for no net loss of biodiversity and ecosystem services in the European Union. <i>Land Use Policy</i> , 2016, 57, 151-163.	2.5	32
244	Assessing the harvested area gap in China. <i>Agricultural Systems</i> , 2017, 153, 212-220.	3.2	32
245	Exploring changes in the spatial distribution of livestock in China. <i>Agricultural Systems</i> , 1999, 62, 51-67.	3.2	31
246	Shifting roles of urban green space in the context of urban development and global change. <i>Current Opinion in Environmental Sustainability</i> , 2017, 29, 32-39.	3.1	31
247	Prioritize diversity or declining species? Trade-offs and synergies in spatial planning for the conservation of migratory birds in the face of land cover change. <i>Biological Conservation</i> , 2019, 239, 108285.	1.9	31
248	Combining remote sensing and household level data for regional scale analysis of land cover change in the Brazilian Amazon. <i>Regional Environmental Change</i> , 2010, 10, 371-386.	1.4	30
249	Disentangling the effects of land-use change, climate and CO ₂ on projected future European habitat types. <i>Global Ecology and Biogeography</i> , 2015, 24, 653-663.	2.7	30
250	Identifying assets and constraints for rural development with qualitative scenarios: A case study of Castro Laboreiro, Portugal. <i>Landscape and Urban Planning</i> , 2011, 102, 127-141.	3.4	29
251	Land use change and farmer behavior in reclaimed land in the middle Jiangsu coast, China. <i>Ocean and Coastal Management</i> , 2017, 137, 107-117.	2.0	29
252	Long-term change in drivers of forest cover expansion: an analysis for Switzerland (1850-2000). <i>Regional Environmental Change</i> , 2017, 17, 2223-2235.	1.4	29

#	ARTICLE	IF	CITATIONS
253	Priority questions for the science, policy and practice of cultural landscapes in Europe. <i>Landscape Ecology</i> , 2017, 32, 2083-2096.	1.9	29
254	A multiscale gaming approach to understand farmer’s decision making in the boom of maize cultivation in Laos. <i>Ecology and Society</i> , 2018, 23, .	1.0	29
255	New Training to Meet the Global Phosphorus Challenge. <i>Environmental Science & Technology</i> , 2019, 53, 8479-8481.	4.6	29
256	Identifying Agricultural Frontiers for Modeling Global Cropland Expansion. <i>One Earth</i> , 2020, 3, 504-514.	3.6	29
257	Identifying uncertainties in scenarios and models of socio-ecological systems in support of decision-making. <i>One Earth</i> , 2021, 4, 967-985.	3.6	29
258	Upscaling Regional Emissions of Greenhouse Gases from Rice Cultivation: Methods and Sources of Uncertainty. <i>Plant Ecology</i> , 2006, 182, 89-106.	0.7	28
259	The effect of charcoal production and other land uses on diversity, structure and regeneration of woodlands in a semi-arid area in Kenya. <i>Forest Ecology and Management</i> , 2017, 391, 282-295.	1.4	28
260	Ecosystem service supply by European landscapes under alternative land-use and environmental policies. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2017, 13, 342-354.	2.9	28
261	The overlooked spatial dimension of climate–smart agriculture. <i>Global Change Biology</i> , 2020, 26, 1045-1054.	4.2	28
262	World congress highlights need for action. <i>Landscape Ecology</i> , 2008, 23, 1-2.	1.9	27
263	Modelled biophysical impacts of conservation agriculture on local climates. <i>Global Change Biology</i> , 2018, 24, 4758-4774.	4.2	27
264	A Stepwise, Participatory Approach to Design and Implement Community Based Adaptation to Drought in the Peruvian Andes. <i>Sustainability</i> , 2015, 7, 1742-1773.	1.6	26
265	Identifying pathways to visions of future land use in Europe. <i>Regional Environmental Change</i> , 2018, 18, 817-830.	1.4	26
266	Farmers’ participation in the development of land use policies for the Central Rift Valley of Ethiopia. <i>Land Use Policy</i> , 2018, 71, 129-137.	2.5	26
267	Settlement changes after peak population: Land system projections for China until 2050. <i>Landscape and Urban Planning</i> , 2021, 209, 104045.	3.4	26
268	The potential of European abandoned agricultural lands to contribute to the Green Deal objectives: Policy perspectives. <i>Environmental Science and Policy</i> , 2022, 133, 44-53.	2.4	26
269	Agency shifts in agricultural land governance and their implications for land degradation neutrality. <i>Global Environmental Change</i> , 2021, 66, 102221.	3.6	25
270	The geography of megatrends affecting European agriculture. <i>Global Environmental Change</i> , 2022, 75, 102551.	3.6	25

#	ARTICLE	IF	CITATIONS
271	Pushing the Planetary Boundaries. <i>Science</i> , 2012, 338, 1419-1420.	6.0	24
272	Interpretation of Climate Change and Agricultural Adaptations by Local Household Farmers: a Case Study at Bin County, Northeast China. <i>Journal of Integrative Agriculture</i> , 2014, 13, 1599-1608.	1.7	24
273	Model-based analysis of spatio-temporal changes in land use in Northeast China. <i>Journal of Chinese Geography</i> , 2016, 26, 171-187.	1.5	24
274	Characterization and analysis of farm system changes in the Mar Chiquita basin, Argentina. <i>Applied Geography</i> , 2016, 68, 95-103.	1.7	24
275	Cultural landscapes and behavioral transformations: An agent-based model for the simulation and discussion of alternative landscape futures in East Lesvos, Greece. <i>Land Use Policy</i> , 2017, 65, 26-44.	2.5	24
276	Mapping settlement systems in China and their change trajectories between 1990 and 2010. <i>Habitat International</i> , 2019, 94, 102069.	2.3	24
277	Characterizing outdoor recreation user groups: A typology of peri-urban recreationists in the Kromme Rijn area, the Netherlands. <i>Land Use Policy</i> , 2019, 80, 246-258.	2.5	24
278	Multi-scale scenarios of spatial-temporal dynamics in the European livestock sector. <i>Agriculture, Ecosystems and Environment</i> , 2011, 140, 88-101.	2.5	23
279	Experiments in Globalisation, Food Security and Land Use Decision Making. <i>PLoS ONE</i> , 2014, 9, e114213.	1.1	23
280	Evolution of Land Use in the Brazilian Amazon: From Frontier Expansion to Market Chain Dynamics. <i>Land</i> , 2014, 3, 981-1014.	1.2	23
281	Including stakeholdersâ€™ perspectives on ecosystem services in multifunctionality assessments. <i>Ecosystems and People</i> , 2020, 16, 354-368.	1.3	23
282	Setting robust biodiversity goals. <i>Conservation Letters</i> , 2021, 14, e12816.	2.8	23
283	Quantifying deforestation and secondary forest determinants for different spatial extents in an Amazonian colonization frontier (Rondonia). <i>Applied Geography</i> , 2009, 29, 182-193.	1.7	22
284	Using Life Strategies to Explore the Vulnerability of Ecosystem Services to Invasion by Alien Plants. <i>Ecosystems</i> , 2013, 16, 678-693.	1.6	22
285	Spatio-Temporal Changes in the Rice Planting Area and Their Relationship to Climate Change in Northeast China: A Model-Based Analysis. <i>Journal of Integrative Agriculture</i> , 2014, 13, 1575-1585.	1.7	22
286	Analyzing dynamics and values of cultural landscapes. <i>Landscape Ecology</i> , 2017, 32, 2077-2081.	1.9	22
287	What restrains Ethiopian NGOs to participate in the development of policies for natural resource management?. <i>Environmental Science and Policy</i> , 2018, 89, 292-299.	2.4	22
288	EUâ€™s rural development policy at the regional levelâ€”Are expenditures for natural capital linked with territorial needs?. <i>Land Use Policy</i> , 2018, 77, 344-353.	2.5	22

#	ARTICLE	IF	CITATIONS
289	The role of institutional actors and their interactions in the land use policy making process in Ethiopia. <i>Journal of Environmental Management</i> , 2019, 237, 235-246.	3.8	22
290	Expanding the toolbox: Assessing methods for local outdoor recreation planning. <i>Landscape and Urban Planning</i> , 2021, 212, 104105.	3.4	21
291	Upscaling methane emissions from rice paddies: Problems and possibilities. <i>Global Biogeochemical Cycles</i> , 2002, 16, 14-1-14-12.	1.9	20
292	Quantifying spatiotemporal drivers of environmental heterogeneity in Kruger National Park, South Africa. <i>Landscape Ecology</i> , 2016, 31, 2013-2029.	1.9	20
293	Shifting spatial priorities for ecosystem services in Europe following land use change. <i>Ecological Indicators</i> , 2018, 89, 397-410.	2.6	20
294	Representing large-scale land acquisitions in land use change scenarios for the Lao PDR. <i>Regional Environmental Change</i> , 2018, 18, 1857-1869.	1.4	20
295	Spatial Analysis of Cultural Heritage Landscapes in Rural China: Land Use Change and Its Risks for Conservation. <i>Environmental Management</i> , 2016, 57, 1304-1318.	1.2	19
296	Harvested area gaps in China between 1981 and 2010: effects of climatic and land management factors. <i>Environmental Research Letters</i> , 2018, 13, 044006.	2.2	18
297	Modeling different urban change trajectories and their trade-offs with food production in Jiangsu Province, China. <i>Computers, Environment and Urban Systems</i> , 2019, 77, 101355.	3.3	18
298	Explaining the global spatial distribution of organic crop producers. <i>Agricultural Systems</i> , 2019, 176, 102680.	3.2	18
299	Methods to Assess the Impacts and Indirect Land Use Change Caused by Telecoupled Agricultural Supply Chains: A Review. <i>Sustainability</i> , 2019, 11, 1162.	1.6	18
300	The spatial restructuring and determinants of industrial landscape in a mega city under rapid urbanization. <i>Habitat International</i> , 2020, 95, 102099.	2.3	18
301	Impact of cropland displacement on the potential crop production in China: a multi-scale analysis. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	18
302	Improving National-Scale Carbon Stock Inventories Using Knowledge on Land Use History. <i>Environmental Management</i> , 2013, 51, 709-723.	1.2	17
303	Economic valuation at all cost? The role of the price attribute in a landscape preference study. <i>Ecosystem Services</i> , 2016, 22, 289-296.	2.3	17
304	Lessons and Challenges in Land Change Modeling Derived from Synthesis of Cross-Case Comparisons. <i>Geotechnologies and the Environment</i> , 2018, , 143-164.	0.3	17
305	Future governance options for large-scale land acquisition in Cambodia: Impacts on tree cover and tiger landscapes. <i>Environmental Science and Policy</i> , 2019, 94, 9-19.	2.4	17
306	Spatiotemporal distribution dynamics of elephants in response to density, rainfall, rivers and fire in Kruger National Park, South Africa. <i>Diversity and Distributions</i> , 2019, 25, 880-894.	1.9	17

#	ARTICLE	IF	CITATIONS
307	A new European land systems representation accounting for landscape characteristics. <i>Landscape Ecology</i> , 2021, 36, 2215-2234.	1.9	17
308	Modelling transformational adaptation to climate change among crop farming systems in Romagna, Italy. <i>Agricultural Systems</i> , 2021, 188, 103024.	3.2	17
309	How will land degradation neutrality change future land system patterns? A scenario simulation study. <i>Environmental Science and Policy</i> , 2021, 124, 254-266.	2.4	17
310	Title is missing!. <i>Nutrient Cycling in Agroecosystems</i> , 2000, 58, 285-301.	1.1	16
311	Landscape level analysis of the spatial and temporal complexity of land-use change. <i>Geophysical Monograph Series</i> , 2004, , 217-230.	0.1	16
312	Sensitivity of discharge and flood frequency to twenty-first century and late Holocene changes in climate and land use (River Meuse, northwest Europe). <i>Climatic Change</i> , 2011, 106, 179-202.	1.7	16
313	Testing the applicability of ecosystem services mapping methods for peri-urban contexts: A case study for Paris. <i>Ecological Indicators</i> , 2017, 83, 504-514.	2.6	16
314	Perspectives of farmers and tourists on agricultural abandonment in east Lesvos, Greece. <i>Regional Environmental Change</i> , 2018, 18, 1467-1479.	1.4	16
315	Modeling the spatio-temporal changes in land uses and its impacts on ecosystem services in Northeast China over 2000â€“2050. <i>Journal of Chinese Geography</i> , 2018, 28, 1611-1625.	1.5	16
316	Different environmental drivers of alien tree invasion affect different life-stages and operate at different spatial scales. <i>Forest Ecology and Management</i> , 2019, 433, 263-275.	1.4	16
317	Conceptualizing pathways to sustainable agricultural intensification. <i>Advances in Ecological Research</i> , 2020, 63, 161-192.	1.4	16
318	Which forests could be protected by corporate zero deforestation commitments? A spatial assessment. <i>Environmental Research Letters</i> , 2020, 15, 064021.	2.2	16
319	A cross-scale impact assessment of European nature protection policies under contrasting future socio-economic pathways. <i>Regional Environmental Change</i> , 2018, 18, 751-762.	1.4	15
320	Operationalizing a land systems classification for Laos. <i>Landscape and Urban Planning</i> , 2018, 169, 229-240.	3.4	15
321	Delivering an enabling environment and multiple benefits for land degradation neutrality: Stakeholder perceptions and progress. <i>Environmental Science and Policy</i> , 2020, 114, 109-118.	2.4	15
322	The influence of company sourcing patterns on the adoption and effectiveness of zero-deforestation commitments in Brazilâ€™s soy supply chain. <i>Environmental Science and Policy</i> , 2022, 128, 208-215.	2.4	15
323	Effects of interpolation and data resolution on methane emission estimates from rice paddies. <i>Environmental and Ecological Statistics</i> , 2002, 9, 5-26.	1.9	14
324	Shaping the landscape: Agricultural policies and local biodiversity schemes. <i>Land Use Policy</i> , 2009, 26, 273-283.	2.5	14

#	ARTICLE	IF	CITATIONS
325	Cultural landscapes of the future: using agent-based modeling to discuss and develop the use and management of the cultural landscape of South West Devon. <i>Landscape Ecology</i> , 2017, 32, 2113-2132.	1.9	14
326	Farm scale as a driver of agricultural development in the Kenyan Rift Valley. <i>Agricultural Systems</i> , 2021, 186, 102943.	3.2	14
327	Local deforestation spillovers induced by forest moratoria: Evidence from Indonesia. <i>Land Use Policy</i> , 2021, 109, 105690.	2.5	14
328	Ecosystem services: building informed policies to orient landscape dynamics. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2015, 11, 185-189.	2.9	13
329	How to fit the distribution of apex scavengers into land abandonment scenarios? The Cinereous vulture in the Mediterranean biome. <i>Diversity and Distributions</i> , 2018, 24, 1018-1031.	1.9	13
330	Global assessment of gross and net land change dynamics for current conditions and future scenarios. <i>Earth System Dynamics</i> , 2018, 9, 441-458.	2.7	13
331	Dynamic Simulation of Land-Use Change Trajectories with the Clue-S Model. , 2007, , 321-337.		12
332	Sustainable woodland management and livelihood options in a charcoal producing region: An agent-based modelling approach. <i>Journal of Environmental Management</i> , 2019, 248, 109245.	3.8	12
333	The contribution of charcoal production to rural livelihoods in a semi-arid area in Kenya. <i>Environment, Development and Sustainability</i> , 2020, 22, 6931-6960.	2.7	12
334	The Impact of Accounting for Future Wood Production in Global Vertebrate Biodiversity Assessments. <i>Environmental Management</i> , 2020, 66, 460-475.	1.2	12
335	Whose park? Crowdsourcing citizen's urban green space preferences to inform needs-based management decisions. <i>Sustainable Cities and Society</i> , 2021, 74, 103249.	5.1	12
336	Socioeconomic outcomes of agricultural land use change in Southeast Asia. <i>Ambio</i> , 2022, 51, 1094-1109.	2.8	12
337	Accounting for land use changes beyond the farm-level in sustainability assessments: The impact of cocoa production. <i>Science of the Total Environment</i> , 2022, 825, 154032.	3.9	12
338	Willingness to offset? Residents' perspectives on compensating impacts from urban development through woodland restoration. <i>Land Use Policy</i> , 2016, 58, 403-414.	2.5	11
339	From concepts to practice: combining different approaches to understand drivers of landscape change. <i>Ecology and Society</i> , 2018, 23, .	1.0	11
340	Contextualizing local landscape initiatives in global change: a scenario study for the high forest zone, Ghana. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	11
341	Global socio-economic impacts of changes in natural capital and ecosystem services: State of play and new modeling approaches. <i>Ecosystem Services</i> , 2020, 46, 101202.	2.3	11
342	Diverging land-use projections cause large variability in their impacts on ecosystems and related indicators for ecosystem services. <i>Earth System Dynamics</i> , 2021, 12, 327-351.	2.7	11

#	ARTICLE	IF	CITATIONS
343	Conceptual and Empirical Approaches to Mapping and Quantifying Land-Use Intensity. , 2014, , 61-86.		10
344	Advancing the study of driving forces of landscape change. Journal of Land Use Science, 2022, 17, 540-555.	1.0	10
345	Mapping biodiversity and ecosystem service trade-offs and synergies of agricultural change trajectories in Europe. Environmental Science and Policy, 2022, 136, 387-399.	2.4	10
346	Evaluation of agricultural ecosystem services in fallowing land based on farmersâ€™ participation and model simulation. Paddy and Water Environment, 2012, 10, 301-310.	1.0	9
347	Modelling the location and spatial pattern of a crop boom. A case study from Laos. Environmental Science and Policy, 2019, 99, 58-71.	2.4	9
348	Restoring steppe landscapes: patterns, drivers and implications in Russiaâ€™s steppes. Landscape Ecology, 2021, 36, 407-425.	1.9	9
349	Mapping demand and supply of functional niches of urban green space. Ecological Indicators, 2022, 140, 109031.	2.6	9
350	Focus on cross-scale feedbacks in global sustainable land management. Environmental Research Letters, 2018, 13, 090402.	2.2	8
351	Assessing the contribution of mobility in the European Union to rubber expansion. Ambio, 2022, 51, 770-783.	2.8	8
352	Trends in future N2O emissions due to land use change. Journal of Environmental Management, 2012, 94, 78-90.	3.8	7
353	Upscaling Household Survey Data Using Remote Sensing to Map Socioeconomic Groups in Kampala, Uganda. Remote Sensing, 2020, 12, 3468.	1.8	7
354	Dynamic Simulation of Land-Use Change Trajectories with the Clueâ€™s Model. , 0, , 321-335.		7
355	An approach for comparing agricultural development to societal visions. Agronomy for Sustainable Development, 2022, 42, 5.	2.2	7
356	Trade-offs between prosperity and urban land per capita in major world cities. Geography and Sustainability, 2021, 2, 134-138.	1.9	6
357	Landscape level simulation of land use change. , 2008, , 211-227.		6
358	The advantage of mobile technologies in crowdsourcing landscape preferences: Testing a mobile app to inform planning decisions. Urban Forestry and Urban Greening, 2022, 73, 127610.	2.3	6
359	Ecosystems and Biodiversity. , 0, , 72-136.		5
360	Key Driving Factors Influencing Urban Growth: Spatial-Statistical Modelling with CLUE-s. , 2014, , 123-145.		5

#	ARTICLE	IF	CITATIONS
361	Environmental cognitions mediate the causal explanation of land change. <i>Journal of Land Use Science</i> , 2018, 13, 535-548.	1.0	5
362	Understanding land system dynamics and its consequences. <i>Journal of Chinese Geography</i> , 2018, 28, 1563-1566.	1.5	5
363	Effect of temporal resolution on N ₂ O emission inventories in Dutch fen meadows. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	1.9	4
364	Accounting for monogastric livestock as a driver in global land use and cover change assessments. <i>Journal of Land Use Science</i> , 2017, 12, 1-16.	1.0	4
365	European Wilderness in a Time of Farmland Abandonment. , 2015, , 25-46.		4
366	Mapping ecosystem services. , 2015, , 65-86.		3
367	Representing responses to climate change in spatial land system models. <i>Land Degradation and Development</i> , 2021, 32, 4954-4973.	1.8	3
368	The Representation of Human-Environment Interactions in Land Change Research and Modelling. , 2014, , 161-177.		3
369	Trade-Offs and Synergies Between Biodiversity Conservation and Productivity in the Context of Increasing Demands on Landscapes. , 2019, , 251-256.		2
370	Feedback Loops in Conceptual Models of Land Change: Lost in Complexity?. <i>Ecology and Society</i> , 2011, 16, .	1.0	2
371	The Use of Models to Assess the Impact of Land Use Change on Ecological Processes: Case-Studies of Deforestation in South-East Asia. , 2004, , 475-494.		2
372	From statistics to grids: A two-level model to simulate crop pattern dynamics. <i>Journal of Integrative Agriculture</i> , 2022, 21, 1786-1798.	1.7	2
373	Agriculture, climate and future land use patterns: potential for a simulation-based exploration. <i>Environment & Policy</i> , 2006, , 5-32.	0.4	1
374	Toolbox: Spatial Analysis and Modelling. , 2019, , 251-260.		1
375	Spatial Explicit Land Use Change Scenarios for Policy Purposes: Some Applications of the CLUE Framework. , 2002, , 317-341.		1
376	Globalisation, Regionalisation and Behavioural Responses of Land Use Agents. <i>Lecture Notes in Computer Science</i> , 2014, , 101-114.	1.0	1
377	Modeling Land Use and Biodiversity in Northern Thailand. , 0, , 199-218.		1
378	Upscaling regional emissions of greenhouse gases from rice cultivation: methods and sources of uncertainty. , 2006, , 89-108.		0

#	ARTICLE	IF	CITATIONS
379	Statistical analysis and feedback exploration of land use change determinants at local scale in the brazilian amazon. , 2007, , .		0
380	Linear objects impact on grassland degradation in the typical steppe region of China. , 2011, , .		0
381	Simulating Land Use Policies Targeted to Protect Biodiversity with the CLUE-Scanner Model. , 0, , 119-132.		0