Peter H Verburg

List of Publications by Citations

368 papers	27,498 citations	92 h-index	151 g-index
392 ext. papers	31,949 ext. citations	6.1 avg, IF	7.57 L-index

#	Paper	IF	Citations
368	Modeling the spatial dynamics of regional land use: the CLUE-S model. *Environmental Management*, **2002**, 30, 391-405	3.1	889
367	Land use change modelling: current practice and research priorities. *Geo Journal*, **2004**, 61, 309-324	2.2	675
366	Comparing the input, output, and validation maps for several models of land change. *Annals of Regional Science*, **2008**, 42, 11-37	1.1	515
365	Framing Sustainability in a Telecoupled World. *Ecology and Society*, **2013**, 18,	4.1	509
364	Combining top-down and bottom-up dynamics in land use modeling: exploring the future of abandoned farmlands in Europe with the Dyna-CLUE model. *Landscape Ecology*, **2009**, 24, 1167-1181	4.3	490
363	Used planet: a global history. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 7978-85	11.5	459
362	Linking biodiversity, ecosystem services, and human well-being: three challenges for designing research for sustainability. *Current Opinion in Environmental Sustainability*, **2015**, 14, 76-85	7.2	405
361	The yield gap of global grain production: A spatial analysis. *Agricultural Systems*, **2010**, 103, 316-326	6.1	347
360	Challenges in using land use and land cover data for global change studies. *Global Change Biology*, **2011**, 17, 974-989	11.4	337
359	From land cover change to land function dynamics: a major challenge to improve land characterization. *Journal of Environmental Management*, **2009**, 90, 1327-35	7.9	325
358	Manifestations and underlying drivers of agricultural land use change in Europe. *Landscape and Urban Planning*, **2015**, 133, 24-36	7.7	313
357	Mapping ecosystem services demand: A review of current research and future perspectives. *Ecological Indicators*, **2015**, 55, 159-171	5.8	307
356	Determinants of Land-Use Change Patterns in the Netherlands. *Environment and Planning B: Planning and Design*, **2004**, 31, 125-150		290
355	Spatial agent-based models for socio-ecological systems: Challenges and prospects. *Environmental Modelling and Software*, **2013**, 45, 1-7	5.2	275
354	A multi-scale, multi-model approach for analyzing the future dynamics of European land use. *Annals of Regional Science*, **2008**, 42, 57-77	1.1	270
353	Challenges for land system science. *Land Use Policy*, **2012**, 29, 899-910	5.6	269
352	A spatial explicit allocation procedure for modelling the pattern of land use change based upon actual land use. *Ecological Modelling*, **1999**, 116, 45-61	3	268

333	A quantitative framework for assessing spatial flows of ecosystem services. *Ecological Indicators*, **2014**, 39, 24-33	5.8	175
332	Future carbon sequestration in Europe—Effects of land use change. *Agriculture, Ecosystems and Environment*, **2008**, 127, 251-264	5.7	174
331	Projecting land use changes in the Neotropics: The geography of pasture expansion into forest. *Global Environmental Change*, **2007**, 17, 86-104	10.1	174
330	Spatial characterization of landscape functions. *Landscape and Urban Planning*, **2008**, 88, 34-43	7.7	173
329	Assessing landscape functions with broad-scale environmental data: insights gained from a prototype development for Europe. *Environmental Management*, **2009**, 44, 1099-120	3.1	172
328	Gross changes in reconstructions of historic land cover/use for Europe between 1900 and 2010. *Global Change Biology*, **2015**, 21, 299-313	11.4	171
327	Methods and approaches to modelling the Anthropocene. *Global Environmental Change*, **2016**, 39, 328-340	10.1	171
326	An agent-based approach to model land-use change at a regional scale. *Landscape Ecology*, **2010**, 25, 185-199	4.3	169
325	A global analysis of land take in cropland areas and production displacement from urbanization. *Global Environmental Change*, **2017**, 43, 107-115	10.1	160
324	Continental-scale quantification of landscape values using social media data. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 12974-12979	11.5	157
323	Land System Science: between global challenges and local realities. *Current Opinion in Environmental Sustainability*, **2013**, 5, 433-437	7.2	156
322	Mapping ecosystem services: The supply and demand of flood regulation services in Europe. *Ecological Indicators*, **2014**, 38, 198-211	5.8	155
321	Land use change under conditions of high population pressure: the case of Java. *Global Environmental Change*, **1999**, 9, 303-312	10.1	155
320	REVIEW: Quantifying urban ecosystem services based on high-resolution data of urban green space: an assessment for Rotterdam, the Netherlands. *Journal of Applied Ecology*, **2015**, 52, 1020-1032	5.8	150
319	Ecosystem service trade-offs from supply to social demand: A landscape-scale spatial analysis. *Landscape and Urban Planning*, **2014**, 132, 102-110	7.7	150
318	Wild food in Europe: A synthesis of knowledge and data of terrestrial wild food as an ecosystem service. *Ecological Economics*, **2014**, 105, 292-305	5.6	149
317	A method to define a typology for agent-based analysis in regional land-use research. *Agriculture, Ecosystems and Environment*, **2008**, 128, 27-36	5.7	149
316	Biodiversity scenarios neglect future land-use changes. *Global Change Biology*, **2016**, 22, 2505-15	11.4	146

315	Quantifying and mapping ecosystem services: Demand and supply of pollination in the European Union. *Ecological Indicators*, **2014**, 36, 131-141	5.8	144
314	Unpacking ecosystem service bundles: Towards predictive mapping of synergies and trade-offs between ecosystem services. *Global Environmental Change*, **2017**, 47, 37-50	10.1	143
313	Combination of process-oriented and pattern-oriented models of land-use change in a mountain area of Vietnam. *Ecological Modelling*, **2007**, 202, 410-420	3	140
312	Form follows function? Proposing a blueprint for ecosystem service assessments based on reviews and case studies. *Ecological Indicators*, **2012**, 21, 145-154	5.8	137
311	Transitioning to resilience and sustainability in urban communities. *Cities*, **2013**, 32, S21-S28	5.6	137
310	Space for people, plants, and livestock? Quantifying interactions among multiple landscape functions in a Dutch rural region. *Ecological Indicators*, **2010**, 10, 62-73	5.8	131
309	Drivers of wetland conversion: a global meta-analysis. *PLoS ONE*, **2013**, 8, e81292	3.7	130
308	Uncertainties in ecosystem service maps: a comparison on the European scale. *PLoS ONE*, **2014**, 9, e109643	3.7	129
307	Green infrastructure for urban climate adaptation: How do residents views on climate impacts and green infrastructure shape adaptation preferences?. *Landscape and Urban Planning*, **2017**, 157, 106-130	7.7	128
306	Simulation of changes in the spatial pattern of land use in China. *Applied Geography*, **1999**, 19, 211-233	4.4	128
305	Hotspots of uncertainty in land-use and land-cover change projections: a global-scale model comparison. *Global Change Biology*, **2016**, 22, 3967-3983	11.4	128
304	Hotspots of land use change in Europe. *Environmental Research Letters*, **2016**, 11, 064020	6.2	128
303	A high-resolution and harmonized model approach for reconstructing and analysing historic land changes in Europe. *Biogeosciences*, **2013**, 10, 1543-1559	4.6	126
302	Projecting land use transitions at forest fringes in the Philippines at two spatial scales. *Landscape Ecology*, **2004**, 19, 77-98	4.3	125
301	A Land System representation for global assessments and land-use modeling. *Global Change Biology*, **2012**, 18, 3125-3148	11.4	124
300	Global priorities for national carnivore conservation under land use change. *Scientific Reports*, **2016**, 6, 23814	4.9	122
299	Predictive ability of logistic regression, auto-logistic regression and neural network models in empirical land-use change modeling a case study. *International Journal of Geographical Information Science*, **2011**, 25, 65-87	4.1	121
298	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. *Land Use Policy*, **2007**, 24, 531-545	5.6	121

297	Urban land-use change: The role of strategic spatial planning. *Global Environmental Change*, **2018**, 51, 32-42	10.1	121
296	Spatial relationship between climatologies and changes in global vegetation activity. *Global Change Biology*, **2013**, 19, 1953-64	11.4	119
295	Drivers of forest harvesting intensity patterns in Europe. *Forest Ecology and Management*, **2014**, 315, 160-172	3.9	118
294	Impacts of land use change scenarios on hydrology and land use patterns in the Wu-Tu watershed in Northern Taiwan. *Landscape and Urban Planning*, **2007**, 80, 111-126	7.7	117
293	A review of current calibration and validation practices in land-change modeling. *Environmental Modelling and Software*, **2016**, 82, 174-182	5.2	116
292	Opportunities to improve impact, integration, and evaluation of land change models. *Current Opinion in Environmental Sustainability*, **2013**, 5, 452-457	7.2	115
291	Linking Land Change with Driving Forces and Actors: Four Conceptual Models. *Ecology and Society*, **2010**, 15,	4.1	115
290	Alternative trajectories of land abandonment: causes, consequences and research challenges. *Current Opinion in Environmental Sustainability*, **2013**, 5, 471-476	7.2	112
289	Comparison of a deductive and an inductive approach to specify land suitability in a spatially explicit land use model. *Land Use Policy*, **2007**, 24, 584-599	5.6	111
288	Identification of vulnerable areas for gully erosion under different scenarios of land abandonment in Southeast Spain. *Catena*, **2007**, 71, 110-121	5.8	108
287	Trade-offs of European agricultural abandonment. *Land Use Policy*, **2017**, 62, 290-301	5.6	107
286	Land system change and food security: towards multi-scale land system solutions. *Current Opinion in Environmental Sustainability*, **2013**, 5, 494-502	7.2	101
285	Exploring ecosystem-change and society through a landscape lens: recent progress in European landscape research. *Ecology and Society*, **2015**, 20,	4.1	99
284	Mapping and modelling of changes in agricultural intensity in Europe. *Agriculture, Ecosystems and Environment*, **2011**, 140, 46-56	5.7	99
283	Analysis of the effects of land use change on protected areas in the Philippines. *Applied Geography*, **2006**, 26, 153-173	4.4	98
282	Bundles of ecosystem (dis)services and multifunctionality across European landscapes. *Ecological Indicators*, **2017**, 73, 23-28	5.8	97
281	Analysis of land use drivers at the watershed and household level: Linking two paradigms at the Philippine forest fringe. *International Journal of Geographical Information Science*, **2005**, 19, 125-152	4.1	95
280	A Portfolio Approach to Analyzing Complex Human-Environment Interactions: Institutions and Land Change. *Ecology and Society*, **2006**, 11,	4.1	95

279	Sensitising rural policy: Assessing spatial variation in rural development options for Europe. *Land Use Policy*, **2011**, 28, 447-459	5.6	94
278	Preferences for European agrarian landscapes: A meta-analysis of case studies. *Landscape and Urban Planning*, **2014**, 132, 89-101	7.7	92
277	Meta-studies in land use science: Current coverage and prospects. *Ambio*, **2016**, 45, 15-28	6.5	91
276	Archetypical patterns and trajectories of land systems in Europe. *Regional Environmental Change*, **2018**, 18, 715-732	4.3	90
275	Multi-scale modelling of land use change dynamics in Ecuador. *Agricultural Systems*, **1999**, 61, 77-93	6.1	89
274	Characterizing European cultural landscapes: Accounting for structure, management intensity and value of agricultural and forest landscapes. *Land Use Policy*, **2017**, 62, 29-39	5.6	88
273	Land system architecture: Using land systems to adapt and mitigate global environmental change. *Global Environmental Change*, **2013**, 23, 395-397	10.1	88
272	Forest Loss in Protected Areas and Intact Forest Landscapes: A Global Analysis. *PLoS ONE*, **2015**, 10, e0138918	3.7	87
271	Spatial analysis of the driving factors of grassland degradation under conditions of climate change and intensive use in Inner Mongolia, China. *Regional Environmental Change*, **2012**, 12, 461-474	4.3	86
270	Synthesis in land change science: methodological patterns, challenges, and guidelines. *Regional Environmental Change*, **2015**, 15, 211-226	4.3	84
269	The potential of old maps and encyclopaedias for reconstructing historic European land cover/use change. *Applied Geography*, **2015**, 59, 43-55	4.4	84
268	The Need for Scale Sensitive Approaches in Spatially Explicit Land Use Change Modeling. *Environmental Modeling and Assessment*, **2001**, 6, 111-121	2	84
267	Projecting land-use change and its consequences for biodiversity in northern Thailand. *Environmental Management*, **2010**, 45, 626-39	3.1	83
266	Land use change: complexity and comparisons. *Journal of Land Use Science*, **2008**, 3, 1-10	2.7	83
265	Multilevel modelling of land use from field to village level in the Philippines. *Agricultural Systems*, **2006**, 89, 435-456	6.1	83
264	Spatial explorations of land use change and grain production in China. *Agriculture, Ecosystems and Environment*, **2000**, 82, 333-354	5.7	83
263	Impact of EU biofuel policies on world agricultural production and land use. *Biomass and Bioenergy*, **2011**, 35, 2385-2390	5.3	82
262	Modeling Land-Use and Land-Cover Change. *Global Change - the IGBP Series*, **2006**, 117-135		82

261   Multiscale Characterization of Land-Use Patterns in China. *Ecosystems*, **2000**, 3, 369-385   3.9   82

260   A rural typology for strategic European policies. *Land Use Policy*, **2012**, 29, 473-482   5.6   81

259   Aesthetic appreciation of the cultural landscape through social media: An analysis of revealed preference in the Dutch river landscape. *Landscape and Urban Planning*, **2018**, 177, 128-137   7.7   80

258   Land-use and land-cover changes in the Central Rift Valley of Ethiopia: Assessment of perception and adaptation of stakeholders. *Applied Geography*, **2015**, 65, 28-37   4.4   79

257   Modelling interactions and feedback mechanisms between land use change and landscape processes. *Agriculture, Ecosystems and Environment*, **2009**, 129, 157-170   5.7   79

256   Effects of land use changes on streamflow generation in the Rhine basin. *Water Resources Research*, **2009**, 45,   5.4   79

255   A comparative approach to assess the contribution of landscape features to aesthetic and recreational values in agricultural landscapes. *Ecosystem Services*, **2016**, 17, 87-98   6.1   78

254   Future landscapes of Switzerland: Risk areas for urbanisation and land abandonment. *Applied Geography*, **2015**, 57, 32-41   4.4   78

253   Mapping recreation and aesthetic value of ecosystems in the Bilbao Metropolitan Greenbelt (northern Spain) to support landscape planning. *Landscape Ecology*, **2014**, 29, 1393-1405   4.3   77

252   A land-use systems approach to represent land-use dynamics at continental and global scales. *Environmental Modelling and Software*, **2012**, 33, 61-79   5.2   77

251   A review of global potentially available cropland estimates and their consequences for model-based assessments. *Global Change Biology*, **2015**, 21, 1236-48   11.4   77

250   Assessing uncertainties in land cover projections. *Global Change Biology*, **2017**, 23, 767-781   11.4   76

249   Pathways to bridge the biophysical realism gap in ecosystem services mapping approaches. *Ecological Indicators*, **2017**, 74, 241-260   5.8   74

248   Effect of land use history and site factors on spatial variation of soil organic carbon across a physiographic region. *Agriculture, Ecosystems and Environment*, **2009**, 133, 86-97   5.7   74

247   Closing global knowledge gaps: Producing generalized knowledge from case studies of social-ecological systems. *Global Environmental Change*, **2018**, 50, 1-14   10.1   73

246   A multi-scale modelling approach for analysing landscape service dynamics. *Journal of Environmental Management*, **2012**, 100, 86-95   7.9   73

245   A method and application of multi-scale validation in spatial land use models. *Agriculture, Ecosystems and Environment*, **2001**, 85, 223-238   5.7   73

244   Uncertainties in global-scale reconstructions of historical land use: an illustration using the HYDE data set. *Landscape Ecology*, **2013**, 28, 861-877   4.3   72

243	A global assessment of market accessibility and market influence for global environmental change studies. *Environmental Research Letters*, **2011**, 6, 034019	6.2	71
242	Accessibility and land-use patterns at the forest fringe in the northeastern part of the Philippines. *Geographical Journal*, **2004**, 170, 238-255	2.2	71
241	Monitoring biodiversity in the Anthropocene using remote sensing in species distribution models. *Remote Sensing of Environment*, **2020**, 239, 111626	13.2	70
240	Modelling the spatial distribution of livestock in Europe. *Landscape Ecology*, **2009**, 24, 1207-1222	4.3	69
239	Conventional land-use intensification reduces species richness and increases production: A global meta-analysis. *Global Change Biology*, **2019**, 25, 1941-1956	11.4	68
238	Assessing spatial uncertainties of land allocation using a scenario approach and sensitivity analysis: a study for land use in Europe. *Journal of Environmental Management*, **2013**, 127 Suppl, S132-44	7.9	68
237	Combining exploratory scenarios and participatory backcasting: using an agent-based model in participatory policy design for a multi-functional landscape. *Landscape Ecology*, **2012**, 27, 641-658	4.3	67
236	Beyond land cover change: towards a new generation of land use models. *Current Opinion in Environmental Sustainability*, **2019**, 38, 77-85	7.2	66
235	Mapping opportunities and challenges for rewilding in Europe. *Conservation Biology*, **2015**, 29, 1017-27	6	65
234	Mapping and modelling past and future land use change in Europe's cultural landscapes. *Land Use Policy*, **2019**, 80, 332-344	5.6	65
233	Modelling of land cover and agricultural change in Europe: Combining the CLUE and CAPRI-Spat approaches. *Agriculture, Ecosystems and Environment*, **2011**, 142, 40-50	5.7	65
232	Is biofuel policy harming biodiversity in Europe?. *GCB Bioenergy*, **2009**, 1, 18-34	5.6	65
231	Spatially explicit modelling of biofuel crops in Europe. *Biomass and Bioenergy*, **2011**, 35, 2411-2424	5.3	64
230	Opportunities for sustainable intensification in European agriculture. *Global Environmental Change*, **2018**, 48, 43-55	10.1	63
229	Impact assessment of the European biofuel directive on land use and biodiversity. *Journal of Environmental Management*, **2010**, 91, 1389-96	7.9	63
228	Multifunctionality at what scale? A landscape multifunctionality assessment for the European Union under conditions of land use change. *Landscape Ecology*, **2017**, 32, 481-500	4.3	62
227	Use of demand for and spatial flow of ecosystem services to identify priority areas. *Conservation Biology*, **2017**, 31, 860-871	6	62
226	Drivers of changes in agricultural intensity in Europe. *Land Use Policy*, **2016**, 58, 380-393	5.6	61

225	Combining agent functional types, capitals and services to model land use dynamics. *Environmental Modelling and Software*, **2014**, 59, 187-201	5.2	59
224	Optimizing the allocation of agri-environment measures to navigate the trade-offs between ecosystem services, biodiversity and agricultural production. *Environmental Science and Policy*, **2018**, 84, 186-196	6.2	58
223	Global change effects on land management in the Mediterranean region. *Global Environmental Change*, **2018**, 50, 238-254	10.1	57
222	The representation of landscapes in global scale assessments of environmental change. *Landscape Ecology*, **2013**, 28, 1067-1080	4.3	57
221	Direct and indirect loss of natural habitat due to built-up area expansion: A model-based analysis for the city of Wuhan, China. *Land Use Policy*, **2018**, 74, 231-239	5.6	56
220	Modelling the spatial distribution of linear landscape elements in Europe. *Ecological Indicators*, **2013**, 27, 125-136	5.8	56
219	Multi-scale system approaches in agronomic research at the landscape level. *Soil and Tillage Research*, **2001**, 58, 129-140	6.5	56
218	The role of spatially explicit models in land-use change research: a case study for cropping patterns in China. *Agriculture, Ecosystems and Environment*, **2001**, 85, 177-190	5.7	56
217	Spatio-temporal dynamics of regulating ecosystem services in Europe The role of past and future land use change. *Applied Geography*, **2015**, 63, 121-135	4.4	55
216	Effects of landscape configuration on mapping ecosystem service capacity: a review of evidence and a case study in Scotland. *Landscape Ecology*, **2016**, 31, 1457-1479	4.3	55
215	Introduction to the Special Issue on Spatial modeling to explore land use dynamics. *International Journal of Geographical Information Science*, **2005**, 19, 99-102	4.1	54
214	Current challenges of implementing anthropogenic land-use and land-cover change in models contributing to climate change assessments. *Earth System Dynamics*, **2017**, 8, 369-386	4.8	53
213	Spatio-temporal dynamics in the flood exposure due to land use changes in the Alpine Lech Valley in Tyrol (Austria). *Natural Hazards*, **2013**, 68, 1243-1270	3	52
212	Exploring global irrigation patterns: A multilevel modelling approach. *Agricultural Systems*, **2011**, 104, 703-713	6.1	52
211	Demand for biodiversity protection and carbon storage as drivers of global land change scenarios. *Global Environmental Change*, **2016**, 40, 101-111	10.1	52
210	Simulating and delineating future land change trajectories across Europe. *Regional Environmental Change*, **2018**, 18, 733-749	4.3	51
209	Mapping landscape services: a case study in a multifunctional rural landscape in The Netherlands. *Ecological Indicators*, **2013**, 24, 273-283	5.8	51
208	Effects of farmers decisions on the landscape structure of a Dutch rural region: An agent-based approach. *Landscape and Urban Planning*, **2010**, 97, 98-110	7.7	51

207	Characterization of the spatial distribution of farming systems in the Kenyan Highlands. *Applied Geography*, **2010**, 30, 239-253	4.4	51
206	Monitoring and modelling landscape dynamics. *Landscape Ecology*, **2010**, 25, 163-167	4.3	51
205	Contribution of Topographically Based Landslide Hazard Modelling to the Analysis of the Spatial Distribution and Ecology of Kauri (Agathis australis). *Landscape Ecology*, **2006**, 21, 63-76	4.3	51
204	Mediterranean land systems: Representing diversity and intensity of complex land systems in a dynamic region. *Landscape and Urban Planning*, **2017**, 165, 102-116	7.7	50
203	Representing composition, spatial structure and management intensity of European agricultural landscapes: A new typology. *Landscape and Urban Planning*, **2016**, 150, 36-49	7.7	50
202	Complex systems models and the management of error and uncertainty. *Journal of Land Use Science*, **2008**, 3, 11-25	2.7	48
201	Evaluation of small scale water harvesting techniques for semi-arid environments. *Journal of Arid Environments*, **2015**, 118, 48-57	2.5	47
200	Developing a methodology for a species-based and spatially explicit indicator for biodiversity on agricultural land in the EU. *Ecological Indicators*, **2014**, 37, 186-198	5.8	46
199	Ground-water level, moisture supply, and vegetation in the Netherlands. *Wetlands*, **1997**, 17, 528-538	1.7	45
198	Crowdsourcing geo-information on landscape perceptions and preferences: A review. *Landscape and Urban Planning*, **2019**, 184, 101-111	7.7	45
197	Harmonizing Biodiversity Conservation and Productivity in the Context of Increasing Demands on Landscapes. *BioScience*, **2016**, 66, 890-896	5.7	44
196	Developing and comparing optimal and empirical land-use models for the development of an urbanized watershed forest in Taiwan. *Landscape and Urban Planning*, **2009**, 92, 242-254	7.7	44
195	The peri-urbanization of Europe: A systematic review of a multifaceted process. *Landscape and Urban Planning*, **2020**, 196, 103733	7.7	44
194	Public Support for Wetland Restoration: What is the Link With Ecosystem Service Values?. *Wetlands*, **2016**, 36, 467-481	1.7	43
193	Regional Scale Mapping of Grassland Mowing Frequency with Sentinel-2 Time Series. *Remote Sensing*, **2018**, 10, 1221	5	43
192	Meeting global land restoration and protection targets: What would the world look like in 2050?. *Global Environmental Change*, **2018**, 52, 259-272	10.1	43
191	Quantifying Spatial Variation in Ecosystem Services Demand: A Global Mapping Approach. *Ecological Economics*, **2017**, 136, 14-29	5.6	42
190	Modelling feedbacks between human and natural processes in the land system. *Earth System Dynamics*, **2018**, 9, 895-914	4.8	42

189	Evaluating the impact of regional development policies on future landscape services. *Ecological Economics*, **2010**, 69, 2244-2254	5.6	42
188	A conceptual model to integrate the regional context in landscape policy, management and contribution to rural development: Literature review and European case study evidence. *Geoforum*, **2017**, 82, 1-12	2.9	41
187	Mapping wood production in European forests. *Forest Ecology and Management*, **2015**, 357, 228-238	3.9	41
186	Global scenarios for biodiversity need to better integrate climate and land use change. *Diversity and Distributions*, **2017**, 23, 1231-1234	5	41
185	Global change and the distributional dynamics of migratory bird populations wintering in Central America. *Global Change Biology*, **2017**, 23, 5284-5296	11.4	40
184	Mapping and linking supply- and demand-side measures in climate-smart agriculture. A review. *Agronomy for Sustainable Development*, **2017**, 37, 1	6.8	40
183	Ex Ante Impact Assessment of Policies Affecting Land Use, Part B: Application of the Analytical Framework. *Ecology and Society*, **2011**, 16,	4.1	40
182	Spatial variability of acid sulphate soils in the Plain of Reeds, Mekong delta, Vietnam. *Geoderma*, **2000**, 97, 1-19	6.7	39
181	Agricultural landscapes, ecosystem services and regional competitiveness-Assessing drivers and mechanisms in nine European case study areas. *Land Use Policy*, **2018**, 76, 735-745	5.6	38
180	Changes in the spatial patterns of human appropriation of net primary production (HANPP) in Europe 1990-2006. *Regional Environmental Change*, **2016**, 16, 1225-1238	4.3	38
179	Spatial and temporal dynamics of methane emissions from agricultural sources in China. *Global Change Biology*, **2001**, 7, 31-47	11.4	37
178	A spatially explicit representation of conservation agriculture for application in global change studies. *Global Change Biology*, **2018**, 24, 4038-4053	11.4	36
177	An assessment of the impact of climate adaptation measures to reduce flood risk on ecosystem services. *Landscape Ecology*, **2012**, 27, 473-486	4.3	36
176	GlobeLand30 shows little cropland area loss but greater fragmentation in China. *International Journal of Applied Earth Observation and Geoinformation*, **2018**, 66, 37-45	7.3	36
175	Simulation of ecosystem service responses to multiple disturbances from an earthquake and several typhoons. *Landscape and Urban Planning*, **2014**, 122, 41-55	7.7	35
174	Ineffective biodiversity policy due to five rebound effects. *Ecosystem Services*, **2012**, 1, 101-110	6.1	35
173	Effect of land cover data on nitrous oxide inventory in fen meadows. *Journal of Environmental Quality*, **2008**, 37, 1209-19	3.4	35
172	Scenario analysis for integrated water resources management under future land use change in the Urmia Lake region, Iran. *Land Use Policy*, **2020**, 90, 104299	5.6	35

171	Scenarios of land system change in the Lao PDR: Transitions in response to alternative demands on goods and services provided by the land. *Applied Geography*, **2016**, 75, 1-11	4.4	34
170	Assessing the influence of historic net and gross land changes on the carbon fluxes of Europe. *Global Change Biology*, **2016**, 22, 2526-39	11.4	33
169	Integrated Landscape Approach: Closing the Gap between Theory and Application. *Sustainability*, **2017**, 9, 1371	3.6	32
168	Understanding Land System Change Through Scenario-Based Simulations: A Case Study from the Drylands in Northern China. *Environmental Management*, **2017**, 59, 440-454	3.1	31
167	A causal analysis framework for land-use change and the potential role of bioenergy policy. *Land Use Policy*, **2016**, 59, 516-527	5.6	31
166	Beyond the urban-rural dichotomy: Towards a more nuanced analysis of changes in built-up land. *Computers, Environment and Urban Systems*, **2019**, 74, 41-49	5.9	31
165	Identifying a Safe and Just Corridor for People and the Planet. *Earthls Future*, **2021**, 9, e2020EF001866	7.9	30
164	Using choice modeling to map aesthetic values at a landscape scale: Lessons from a Dutch case study. *Ecological Economics*, **2016**, 130, 221-231	5.6	29
163	Local land-use decision-making in a global context. *Environmental Research Letters*, **2019**, 14, 083006	6.2	29
162	A survey-based exploration of land-system dynamics in an agricultural region of Northeast China. *Agricultural Systems*, **2013**, 121, 106-116	6.1	29
161	Land-use change simulation and assessment of driving factors in the loess hilly region--a case study as Pengyang County. *Environmental Monitoring and Assessment*, **2010**, 164, 133-42	3.1	29
160	Land Cover Change and Woodland Degradation in a Charcoal Producing Semi-Arid Area in Kenya. *Land Degradation and Development*, **2017**, 28, 472-481	4.4	28
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1	Simulating Land Use Policies Targeted to Protect Biodiversity with the CLUE-Scanner Model119-132		