

RÃ¼diger Schaldach

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,051
citations

331670

21
h-index

302126

39
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48
all docs

48
docs citations

48
times ranked

3028
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of initialization of a global land-use model on simulated land change and loss of natural vegetation. <i>Environmental Modelling and Software</i> , 2022, 148, 105287.	4.5	2
2	Germany's Agricultural Land Footprint and the Impact of Import Pattern Allocation. <i>Sustainability</i> , 2022, 14, 105.	3.2	1
3	Societal Evaluation of Bioeconomy Scenarios for Germany. <i>Resources</i> , 2022, 11, 44.	3.5	4
4	Projected climate change impacts on mean and year-to-year variability of yield of key smallholder crops in Sub-Saharan Africa. <i>Climate and Development</i> , 2021, 13, 268-282.	3.9	45
5	Environmental and socioeconomic footprints of the German bioeconomy. <i>Nature Sustainability</i> , 2021, 4, 775-783.	23.7	21
6	Shared Socio-economic Pathways for European agriculture and food systems: The Eur-Agri-SSPs. <i>Global Environmental Change</i> , 2020, 65, 102159.	7.8	58
7	Agricultural Development and Land Use Change in India: A Scenario Analysis of Trade-Offs Between UN Sustainable Development Goals (SDGs). <i>Earth's Future</i> , 2020, 8, e2019EF001287.	6.3	66
8	An Integrated Modelling Approach for Land Use Changes on Different Scales. <i>Innovations in Landscape Research</i> , 2020, , 509-524.	0.4	0
9	Szenarien und Modelle zur Gestaltung einer nachhaltigen Bioökonomie. , 2020, , 297-310.		0
10	Assessing the effects of agricultural intensification on natural habitats and biodiversity in Southern Amazonia. <i>PLoS ONE</i> , 2020, 15, e0225914.	2.5	9
11	A protocol to develop Shared Socio-economic Pathways for European agriculture. <i>Journal of Environmental Management</i> , 2019, 252, 109701.	7.8	26
12	Can agricultural intensification help to conserve biodiversity? A scenario study for the African continent. <i>Journal of Environmental Management</i> , 2019, 247, 29-37.	7.8	13
13	Integrated Landscape Modelling in India: Evaluating the Scope for Micro-Level Spatial Analysis over Temporal Scale. , 2019, , 289-315.		1
14	Scenarios of land-use change in a deforestation corridor in the Brazilian Amazon: combining two scales of analysis. <i>Regional Environmental Change</i> , 2018, 18, 143-159.	2.9	24
15	Future land use and land cover in Southern Amazonia and resulting greenhouse gas emissions from agricultural soils. <i>Regional Environmental Change</i> , 2018, 18, 129-142.	2.9	17
16	A model-based assessment of the environmental impact of land-use change across scales in Southern Amazonia. <i>Regional Environmental Change</i> , 2018, 18, 161-173.	2.9	9
17	Analyzing the relationship between urbanization, food supply and demand, and irrigation requirements in Jordan. <i>Science of the Total Environment</i> , 2018, 636, 1500-1509.	8.0	11
18	Sensitivity assessment and evaluation of a spatially explicit land-use model for Southern Amazonia. <i>Ecological Informatics</i> , 2018, 48, 69-79.	5.2	8

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19	Exploring future agricultural development and biodiversity in Uganda, Rwanda and Burundi: a spatially explicit scenario-based assessment. <i>Regional Environmental Change</i> , 2017, 17, 1409-1420.	2.9	19
20	Strategy Elements for a Sustainable Bioenergy Policy Based on Scenarios and Systems Modeling: Germany as Example. <i>Chemical Engineering and Technology</i> , 2017, 40, 211-226.	1.5	15
21	Toward a systemic monitoring of the European bioeconomy: Gaps, needs and the integration of sustainability indicators and targets for global land use. <i>Land Use Policy</i> , 2017, 66, 162-171.	5.6	78
22	Assessing uncertainties in land cover projections. <i>Global Change Biology</i> , 2017, 23, 767-781.	9.5	103
23	Inter- and transdisciplinary scenario construction to explore future land-use options in southern Amazonia. <i>Ecology and Society</i> , 2017, 22, .	2.3	13
24	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.	9.5	171
25	The MILESTONES modeling framework: An integrated analysis of national bioenergy strategies and their global environmental impacts. <i>Environmental Modelling and Software</i> , 2016, 86, 14-29.	4.5	17
26	Global direct pressures on biodiversity by large-scale metal mining: Spatial distribution and implications for conservation. <i>Journal of Environmental Management</i> , 2016, 180, 409-420.	7.8	81
27	Modelling the effects of cross-sectoral water allocation schemes in Europe. <i>Climatic Change</i> , 2015, 128, 229-244.	3.6	28
28	Elemente von Umweltbewertungsmethoden. , 2015, , 43-172.		0
29	Effects of land-use change on the carbon balance of 1st generation biofuels: An analysis for the European Union combining spatial modeling and LCA. <i>Biomass and Bioenergy</i> , 2013, 56, 166-178.	5.7	43
30	Model-based analysis of the environmental impacts of grazing management on Eastern Mediterranean ecosystems in Jordan. <i>Journal of Environmental Management</i> , 2013, 127, S84-S95.	7.8	10
31	The projected impact of climate and land use change on plant diversity: An example from West Africa. <i>Journal of Arid Environments</i> , 2013, 96, 48-54.	2.4	52
32	Current and future irrigation water requirements in pan-Europe: An integrated analysis of socio-economic and climate scenarios. <i>Global and Planetary Change</i> , 2012, 94-95, 33-45.	3.5	60
33	Evaluation of an integrated land use change model including a scenario analysis of land use change for continental Africa. <i>Environmental Modelling and Software</i> , 2011, 26, 1017-1027.	4.5	48
34	Simulating the impact of biofuel development on country-wide land-use change in India. <i>Biomass and Bioenergy</i> , 2011, 35, 2401-2410.	5.7	27
35	An integrated approach to modelling land-use change on continental and global scales. <i>Environmental Modelling and Software</i> , 2011, 26, 1041-1051.	4.5	143
36	Impacts of Climate Change and the End of Deforestation on Land Use in the Brazilian Legal Amazon. <i>Earth Interactions</i> , 2011, 15, 1-29.	1.5	52

#	ARTICLE	IF	CITATIONS
37	Indirect land-use changes can overcome carbon savings from biofuels in Brazil. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3388-3393.	7.1	577
38	Quantifying the Human Appropriation of Fresh Water by African Agriculture. Ecology and Society, 2009, 14, .	2.3	22
39	Conceptual design and implementation of a model for the integrated simulation of large-scale land-use systems. Environmental Science and Engineering, 2009, , 425-438.	0.2	11
40	Modeling the impacts of grazing land management on land-use change for the Jordan River region. Global and Planetary Change, 2008, 64, 177-187.	3.5	24
41	Simulating the effects of urbanization, afforestation and cropland abandonment on a regional carbon balance: a case study for Central Germany. Regional Environmental Change, 2007, 7, 137-148.	2.9	28
42	Coupled simulation of regional land use change and soil carbon sequestration: A case study for the state of Hesse in Germany. Environmental Modelling and Software, 2006, 21, 1430-1446.	4.5	26
43	Modelling the effects of land-use and land-cover change on water availability in the Jordan River region. Advances in Geosciences, 0, 21, 73-80.	12.0	31
44	Modelling historical and current irrigation water demand on the continental scale: Europe. Advances in Geosciences, 0, 27, 79-85.	12.0	50
45	An Integrated Land-Use System Model for the Jordan River Region. , 0, , .		2