

RÃ¼diger Schaldach

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8384675/publications.pdf>

Version: 2024-02-01

45
papers

2,051
citations

331670

21
h-index

302126

39
g-index

48
all docs

48
docs citations

48
times ranked

3028
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Hotspots of uncertainty in land-use and land-cover change projections: a global-scale model comparison. Global Change Biology, 2016, 22, 3967-3983.	9.5	171
3	An integrated approach to modelling land-use change on continental and global scales. Environmental Modelling and Software, 2011, 26, 1041-1051.	4.5	143
4	Assessing uncertainties in land cover projections. Global Change Biology, 2017, 23, 767-781.	9.5	103
5	Global direct pressures on biodiversity by large-scale metal mining: Spatial distribution and implications for conservation. Journal of Environmental Management, 2016, 180, 409-420.	7.8	81
6	Toward a systemic monitoring of the European bioeconomy: Gaps, needs and the integration of sustainability indicators and targets for global land use. Land Use Policy, 2017, 66, 162-171.	5.6	78
7	Agricultural Development and Land Use Change in India: A Scenario Analysis of Trade-Offs Between UN Sustainable Development Goals (SDGs). Earth's Future, 2020, 8, e2019EF001287.	6.3	66
8	Current and future irrigation water requirements in pan-Europe: An integrated analysis of socio-economic and climate scenarios. Global and Planetary Change, 2012, 94-95, 33-45.	3.5	60
9	Shared Socio-economic Pathways for European agriculture and food systems: The Eur-Agri-SSPs. Global Environmental Change, 2020, 65, 102159.	7.8	58
10	Impacts of Climate Change and the End of Deforestation on Land Use in the Brazilian Legal Amazon. Earth Interactions, 2011, 15, 1-29.	1.5	52
11	The projected impact of climate and land use change on plant diversity: An example from West Africa. Journal of Arid Environments, 2013, 96, 48-54.	2.4	52
12	Modelling historical and current irrigation water demand on the continental scale: Europe. Advances in Geosciences, 0, 27, 79-85.	12.0	50
13	Evaluation of an integrated land use change model including a scenario analysis of land use change for continental Africa. Environmental Modelling and Software, 2011, 26, 1017-1027.	4.5	48
14	Projected climate change impacts on mean and year-to-year variability of yield of key smallholder crops in Sub-Saharan Africa. Climate and Development, 2021, 13, 268-282.	3.9	45
15	Effects of land-use change on the carbon balance of 1st generation biofuels: An analysis for the European Union combining spatial modeling and LCA. Biomass and Bioenergy, 2013, 56, 166-178.	5.7	43
16	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
17	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
18	Modelling the effects of cross-sectoral water allocation schemes in Europe. Climatic Change, 2015, 128, 229-244.	3.6	28

#	ARTICLE	IF	CITATIONS
19	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
20	Coupled simulation of regional land use change and soil carbon sequestration: A case study for the state of Hesse in Germany. <i>Environmental Modelling and Software</i> , 2006, 21, 1430-1446.	4.5	26
21	A protocol to develop Shared Socio-economic Pathways for European agriculture. <i>Journal of Environmental Management</i> , 2019, 252, 109701.	7.8	26
22	Modeling the impacts of grazing land management on land-use change for the Jordan River region. <i>Global and Planetary Change</i> , 2008, 64, 177-187.	3.5	24
23	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
24	Quantifying the Human Appropriation of Fresh Water by African Agriculture. <i>Ecology and Society</i> , 2009, 14, .	2.3	22
25	Environmental and socioeconomic footprints of the German bioeconomy. <i>Nature Sustainability</i> , 2021, 4, 775-783.	23.7	21
26	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
27	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
28	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
29	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
30	Inter- and transdisciplinary scenario construction to explore future land-use options in southern Amazonia. <i>Ecology and Society</i> , 2017, 22, .	2.3	13
31	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
32	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
33	Conceptual design and implementation of a model for the integrated simulation of large-scale land-use systems. <i>Environmental Science and Engineering</i> , 2009, , 425-438.	0.2	11
34	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
35	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
36	Assessing the effects of agricultural intensification on natural habitats and biodiversity in Southern Amazonia. <i>PLoS ONE</i> , 2020, 15, e0225914.	2.5	9

#	ARTICLE	IF	CITATIONS
37	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
38	Societal Evaluation of Bioeconomy Scenarios for Germany. <i>Resources</i> , 2022, 11, 44.	3.5	4
39	An Integrated Land-Use System Model for the Jordan River Region. , 0, , .		2
40	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
41	Integrated Landscape Modelling in India: Evaluating the Scope for Micro-Level Spatial Analysis over Temporal Scale. , 2019, , 289-315.		1
42	Germany's Agricultural Land Footprint and the Impact of Import Pattern Allocation. <i>Sustainability</i> , 2022, 14, 105.	3.2	1
43	Elemente von Umweltbewertungsmethoden. , 2015, , 43-172.		0
44	An Integrated Modelling Approach for Land Use Changes on Different Scales. <i>Innovations in Landscape Research</i> , 2020, , 509-524.	0.4	0
45	Szenarien und Modelle zur Gestaltung einer nachhaltigen Bioökonomie. , 2020, , 297-310.		0