

Birgit Kopainsky

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,577
citations

471509

17
h-index

330143

37
g-index

53
all docs

53
docs citations

53
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding resilience of farming systems: Insights from system dynamics modelling for an arable farming system in the Netherlands. <i>Ecological Modelling</i> , 2022, 464, 109848.	2.5	10
2	Climate change adaptation processes seen through a resilience lens: Norwegian farmers' handling of the dry summer of 2018. <i>Environmental Science and Policy</i> , 2022, 133, 146-154.	4.9	12
3	Integrated Assessment of the Sustainability and Resilience of Farming Systems. , 2022, , 279-301.		0
4	SURE-Farm Approach to Assess the Resilience of European Farming Systems. , 2022, , 1-17.		0
5	Food security outcomes in agricultural systems models: Current status and recommended improvements. <i>Agricultural Systems</i> , 2021, 188, 103028.	6.1	36
6	Food security outcomes in agricultural systems models: Case examples and priority information needs. <i>Agricultural Systems</i> , 2021, 188, 103030.	6.1	13
7	Human-Water Dynamics and their Role for Seasonal Water Scarcity – a Case Study. <i>Water Resources Management</i> , 2021, 35, 3043-3061.	3.9	11
8	Using Participatory System Dynamics Modeling to Address Complex Conservation Problems: Tiger Farming as a Case Study. <i>Frontiers in Conservation Science</i> , 2021, 2, .	1.9	4
9	Agricultural intensification can no longer ignore water conservation – A systemic modelling approach to the case of tomato producers in Morocco. <i>Agricultural Water Management</i> , 2021, 256, 107082.	5.6	17
10	Closing the mineral construction material cycle – An endogenous perspective on barriers in transition. <i>Resources, Conservation and Recycling</i> , 2021, 175, 105859.	10.8	6
11	Call for submissions to the 2022 <sc>ISDC</sc>. <i>System Dynamics Review</i> , 2021, 37, 367-369.	1.9	0
12	Supporting stakeholders to anticipate and respond to risks in a Mekong River water-energy-food nexus. <i>Ecology and Society</i> , 2020, 25, .	2.3	19
13	Conceptual frameworks linking agriculture and food security. <i>Nature Food</i> , 2020, 1, 541-551.	14.0	23
14	Reflections on adapting group model building scripts into online workshops. <i>System Dynamics Review</i> , 2020, 36, 358-372.	1.9	40
15	Call for transparency of COVID-19 models. <i>Science</i> , 2020, 368, 482-483.	12.6	85
16	Using system dynamics to support a participatory assessment of resilience. <i>Environment Systems and Decisions</i> , 2020, 40, 342-355.	3.4	19
17	Sustainable and healthy diets: Synergies and trade-offs in Switzerland. <i>Systems Research and Behavioral Science</i> , 2020, 37, 908-927.	1.6	6
18	A framework to assess the resilience of farming systems. <i>Agricultural Systems</i> , 2019, 176, 102656.	6.1	302

#	ARTICLE	IF	CITATIONS
19	Participatory Modeling Updates Expectations for Individuals and Groups, Catalyzing Behavior Change and Collective Action in Water-Energy-Food Nexus Governance. <i>Earth's Future</i> , 2019, 7, 1337-1352.	6.3	15
20	Short-term versus long-term decision trade-offs: Evidence from a model-based observational experiment with African small-scale farmers. <i>Systems Research and Behavioral Science</i> , 2019, 36, 215-228.	1.6	4
21	Do you bend or break? System dynamics in resilience planning for food security. <i>System Dynamics Review</i> , 2019, 35, 287-309.	1.9	21
22	Integrated simulation for national development planning. <i>Kybernetes</i> , 2019, 48, 208-223.	2.2	4
23	A Food Systems Perspective for Food and Nutrition Security beyond the Post-2015 Development Agenda. <i>Systems Research and Behavioral Science</i> , 2018, 35, 178-190.	1.6	12
24	Understanding the Transition to a Bio-Based Economy: Exploring Dynamics Linked to the Agricultural Sector in Sweden. <i>Sustainability</i> , 2018, 10, 1504.	3.2	9
25	The Bio-Based Economy: Dynamics Governing Transition Pathways in the Swedish Forestry Sector. <i>Sustainability</i> , 2018, 10, 976.	3.2	18
26	System Dynamics as a Framework for Understanding Human-Environment Dynamics. <i>AESS Interdisciplinary Environmental Studies and Sciences Series</i> , 2017, , 25-36.	0.2	2
27	Transforming food systems at local levels: Using participatory system dynamics in an interactive manner to refine small-scale farmers' mental models. <i>Ecological Modelling</i> , 2017, 362, 101-110.	2.5	40
28	Natural Resource Management: Contributions of System Dynamics to Research, Policy and Implementation. <i>Systems Research and Behavioral Science</i> , 2017, 34, 378-385.	1.6	4
29	Development of Organic Farming in Europe at the Crossroads: Looking for the Way Forward through System Archetypes Lenses. <i>Sustainability</i> , 2017, 9, 821.	3.2	57
30	Participatory System Dynamics Mapping for Collaboration and Socioecological Integration in the Lake Tana Region. <i>AESS Interdisciplinary Environmental Studies and Sciences Series</i> , 2017, , 615-630.	0.2	2
31	Can Organic Farming Reduce Vulnerabilities and Enhance the Resilience of the European Food System? A Critical Assessment Using System Dynamics Structural Thinking Tools. <i>Sustainability</i> , 2016, 8, 971.	3.2	40
32	Investigating the drivers of innovation diffusion in a low income country context. The case of adoption of improved maize seed in Malawi. <i>Futures</i> , 2016, 81, 161-175.	2.5	17
33	Food Provision and Environmental Goals in the Swiss Agri-Food System: System Dynamics and the Socio-ecological Systems Framework. <i>Systems Research and Behavioral Science</i> , 2015, 32, 414-432.	1.6	19
34	Effects of Structural Transparency in System Dynamics Simulators on Performance and Understanding. <i>Systems</i> , 2015, 3, 152-176.	2.3	7
35	System Dynamics and Simulation/Gaming. <i>Simulation and Gaming</i> , 2015, 46, 223-229.	1.9	19
36	A system dynamics approach for examining mechanisms and pathways of food supply vulnerability. <i>Journal of Environmental Studies and Sciences</i> , 2015, 5, 321-336.	2.0	54

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37	Effect of Prior Exploration as an Instructional Strategy for System Dynamics. <i>Simulation and Gaming</i> , 2015, 46, 293-321.	1.9	15
38	Food system resilience: Defining the concept. <i>Global Food Security</i> , 2015, 6, 17-23.	8.1	456
39	Systems Education at Bergen. <i>Systems</i> , 2014, 2, 159-167.	2.3	13
40	Social Dynamics Overriding Utility Evaluations for Good and Bad: Implications for the Design of Sustainable Food Security Policies in Sub-Saharan African Countries. <i>Sustainability and Innovation</i> , 2013, , 223-241.	0.2	0
41	Designing Sustainable Food Security Policies in Sub-Saharan African Countries: How Social Dynamics Override Utility Evaluations for Good and Bad. <i>Systems Research and Behavioral Science</i> , 2012, 29, 575-589.	1.6	27
42	Automated assessment of learners' understanding in complex dynamic systems. <i>System Dynamics Review</i> , 2012, 28, 131-156.	1.9	11
43	Application of the Malaria Management Model to the Analysis of Costs and Benefits of DDT versus Non-DDT Malaria Control. <i>PLoS ONE</i> , 2011, 6, e27771.	2.5	14
44	Simulator-supported descriptions of complex dynamic problems: experimental results on task performance and system understanding. <i>System Dynamics Review</i> , 2011, 27, 142-172.	1.9	22
45	Dynamics of Enforcement and Infringement of Intellectual Property Rights and Implications for the Incentive Function. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	0
46	Learning about Dynamic Problems with Computer Simulators: A Case of System Dynamics Simulation Models. , 2008, , .		2
47	Closing the loop: promoting synergies with other theory building approaches to improve system dynamics practice. <i>Systems Research and Behavioral Science</i> , 2008, 25, 471-486.	1.6	54
48	Wie weiter mit der dezentralen Besiedlung in der Schweiz? : Abschätzung von Entwicklungsperspektiven auf Gemeindeebene. <i>Geographica Helvetica</i> , 2005, 60, 239-247.	0.8	0
49	Using microworlds for policymaking in the context of resilient farming systems. <i>Journal of Simulation</i> , 0, , 1-25.	1.5	1