

Maja SchlÃ¼ter

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

5,918
citations

94381

37
h-index

85498

71
g-index

90
all docs

90
docs citations

90
times ranked

6567
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Why care about theories? Innovative ways of theorizing in sustainability science. <i>Current Opinion in Environmental Sustainability</i> , 2022, 54, 101154. | 3.1 | 14 |
| 2 | Combining approaches: Looking behind the scenes of integrating multiple types of evidence from controlled behavioural experiments through agent-based modelling. <i>International Journal of Social Research Methodology: Theory and Practice</i> , 2022, 25, 569-581. | 2.3 | 4 |
| 3 | The contributions of resilience to reshaping sustainable development. <i>Nature Sustainability</i> , 2022, 5, 657-664. | 11.5 | 38 |
| 4 | Rethinking resilience and development: A coevolutionary perspective. <i>Ambio</i> , 2021, 50, 1304-1312. | 2.8 | 27 |
| 5 | Spatial diversification as a mechanism to adapt to environmental changes in small-scale fisheries. <i>Environmental Science and Policy</i> , 2021, 116, 246-257. | 2.4 | 23 |
| 6 | Social relationship dynamics mediate climate impacts on income inequality: evidence from the Mexican Humboldt squid fishery. <i>Regional Environmental Change</i> , 2021, 21, 35. | 1.4 | 4 |
| 7 | What are social-ecological systems and social-ecological systems research?. , 2021, , 3-26. | | 10 |
| 8 | Synthesis and emerging frontiers in social-ecological systems research methods. , 2021, , 453-479. | | 3 |
| 9 | The interplay between top-down interventions and bottom-up self-organization shapes opportunities for transforming self-governance in small-scale fisheries. <i>Marine Policy</i> , 2021, 128, 104485. | 1.5 | 12 |
| 10 | Complexity-based social-ecological systems research: philosophical foundations and practical implications. , 2021, , 27-46. | | 22 |
| 11 | Cognition and behavior in context: a framework and theories to explain natural resource use decisions in social-ecological systems. <i>Sustainability Science</i> , 2021, 16, 1651-1671. | 2.5 | 32 |
| 12 | Implications of poverty traps across levels. <i>World Development</i> , 2021, 144, 105437. | 2.6 | 22 |
| 13 | Understanding the dynamics of fish politics: The role of diverse actor interactions in transformations towards co-management. <i>Environmental Science and Policy</i> , 2021, 124, 195-205. | 2.4 | 7 |
| 14 | Taxonomies for structuring models for Worldâ€Earth systems analysis of the Anthropocene: subsystems, their interactions and socialâ€ecological feedback loops. <i>Earth System Dynamics</i> , 2021, 12, 1115-1137. | 2.7 | 15 |
| 15 | Fish provision in a changing environment: The buffering effect of regional trade networks. <i>PLoS ONE</i> , 2021, 16, e0261514. | 1.1 | 2 |
| 16 | Effects of development interventions on biocultural diversity: a case study from the Pamir Mountains. <i>Agriculture and Human Values</i> , 2020, 37, 683-697. | 1.7 | 16 |
| 17 | Effective alleviation of rural poverty depends on the interplay between productivity, nutrients, water and soil quality. <i>Ecological Economics</i> , 2020, 169, 106494. | 2.9 | 15 |
| 18 | Behavioural diversity in fishingâ€Towards a next generation of fishery models. <i>Fish and Fisheries</i> , 2020, 21, 872-890. | 2.7 | 29 |

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|----|---|------|-----------|
| 19 | Short-term decisions in lake restoration have long-term consequences for water quality. <i>Regional Environmental Change</i> , 2020, 20, 1. | 1.4 | 8 |
| 20 | Adopting process-relational perspectives to tackle the challenges of social-ecological systems research. <i>Ecology and Society</i> , 2020, 25, . | 1.0 | 24 |
| 21 | Advancing understanding of natural resource governance: a post-Ostrom research agenda. <i>Current Opinion in Environmental Sustainability</i> , 2020, 44, 26-34. | 3.1 | 67 |
| 22 | Towards a Process Epistemology for the Analysis of Social-Ecological Systems. <i>Environmental Values</i> , 2020, 29, 221-239. | 0.7 | 11 |
| 23 | Sustainability transformations: socio-political shocks as opportunities for governance transitions. <i>Global Environmental Change</i> , 2020, 63, 102097. | 3.6 | 75 |
| 24 | From nouns to verbs: How process ontologies enhance our understanding of social-ecological systems understood as complex adaptive systems. <i>People and Nature</i> , 2020, 2, 328-338. | 1.7 | 41 |
| 25 | Navigating Complexities: Agent-Based Modeling to Support Research, Governance, and Management in Small-Scale Fisheries. <i>Frontiers in Marine Science</i> , 2020, 6, . | 1.2 | 34 |
| 26 | The importance of transient social dynamics for restoring ecosystems beyond ecological tipping points. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2717-2722. | 3.3 | 19 |
| 27 | Governing the commons beyond harvesting: An empirical illustration from fishing. <i>PLoS ONE</i> , 2020, 15, e0231575. | 1.1 | 20 |
| 28 | Sustainable natural resource governance under interest group competition in policy-making. <i>Nature Human Behaviour</i> , 2020, 4, 898-909. | 6.2 | 14 |
| 29 | Capturing emergent phenomena in social-ecological systems: an analytical framework. <i>Ecology and Society</i> , 2019, 24, . | 1.0 | 119 |
| 30 | Toward a methodology for explaining and theorizing about social-ecological phenomena. <i>Current Opinion in Environmental Sustainability</i> , 2019, 39, 44-53. | 3.1 | 44 |
| 31 | Cross-scale cooperation enables sustainable use of a common-pool resource. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191943. | 1.2 | 4 |
| 32 | Using agent-based modelling to simulate social-ecological systems across scales. <i>Geoinformatica</i> , 2019, 23, 269-298. | 2.0 | 46 |
| 33 | The potential of models and modeling for social-ecological systems research: the reference frame ModSES. <i>Ecology and Society</i> , 2019, 24, . | 1.0 | 57 |
| 34 | A more dynamic understanding of human behaviour for the Anthropocene. <i>Nature Sustainability</i> , 2019, 2, 1075-1082. | 11.5 | 112 |
| 35 | Introducing the H2020 AQUACROSS project: Knowledge, Assessment, and Management for AQUatic Biodiversity and Ecosystem Services aCROSS EU policies. <i>Science of the Total Environment</i> , 2019, 652, 320-329. | 3.9 | 13 |
| 36 | Local, Global, Multi-Level: Market Structure and Multi-Species Fishery Dynamics. <i>Ecological Economics</i> , 2019, 156, 185-195. | 2.9 | 10 |

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|----|---|------|-----------|
| 37 | Past management affects success of current joint forestry management institutions in Tajikistan. <i>Environment, Development and Sustainability</i> , 2019, 21, 2183-2224. | 2.7 | 10 |
| 38 | Traps and Sustainable Development in Rural Areas: A Review. <i>World Development</i> , 2018, 101, 311-321. | 2.6 | 125 |
| 39 | Antibiotic and pesticide susceptibility and the Anthropocene operating space. <i>Nature Sustainability</i> , 2018, 1, 632-641. | 11.5 | 74 |
| 40 | Middle-range theories of land system change. <i>Global Environmental Change</i> , 2018, 53, 52-67. | 3.6 | 323 |
| 41 | Resilience offers escape from trapped thinking on poverty alleviation. <i>Science Advances</i> , 2017, 3, e1603043. | 4.7 | 91 |
| 42 | Tracing a pathway to success: How competing interest groups influenced the 2013 EU Common Fisheries Policy reform. <i>Environmental Science and Policy</i> , 2017, 76, 90-102. | 2.4 | 25 |
| 43 | A framework for mapping and comparing behavioural theories in models of social-ecological systems. <i>Ecological Economics</i> , 2017, 131, 21-35. | 2.9 | 302 |
| 44 | Towards representing human behavior and decision making in Earth system models – an overview of techniques and approaches. <i>Earth System Dynamics</i> , 2017, 8, 977-1007. | 2.7 | 57 |
| 45 | Micro-level explanations for emergent patterns of self-governance arrangements in small-scale fisheries – A modeling approach. <i>PLoS ONE</i> , 2017, 12, e0175532. | 1.1 | 29 |
| 46 | Use antimicrobials wisely. <i>Nature</i> , 2016, 537, 159-161. | 13.7 | 47 |
| 47 | Cooperation Is Not Enough – Exploring Social-Ecological Micro-Foundations for Sustainable Common-Pool Resource Use. <i>PLoS ONE</i> , 2016, 11, e0157796. | 1.1 | 26 |
| 48 | Uncovering the political dimension of social-ecological systems: Contributions from policy process frameworks. <i>Global Environmental Change</i> , 2016, 40, 13-25. | 3.6 | 52 |
| 49 | Transferring Williamson's discriminating alignment to the analysis of environmental governance of social-ecological interdependence. <i>Ecological Economics</i> , 2016, 128, 159-168. | 2.9 | 53 |
| 50 | Social norms as solutions. <i>Science</i> , 2016, 354, 42-43. | 6.0 | 476 |
| 51 | Modelling systemic change in coupled socio-environmental systems. <i>Environmental Modelling and Software</i> , 2016, 75, 318-332. | 1.9 | 44 |
| 52 | Robustness of norm-driven cooperation in the commons. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152431. | 1.2 | 34 |
| 53 | Reflections on building resilience – interactions among principles and implications for governance. , 2015, , 251-282. | | 3 |
| 54 | Combining system dynamics and agent-based modeling to analyze social-ecological interactions – an example from modeling restoration of a shallow lake. <i>Frontiers in Environmental Science</i> , 2015, 3, . | 1.5 | 59 |

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|----|---|-----|-----------|
| 55 | Principle 3 –“Manage slow variables and feedbacks. , 2015, , 105-141. | | 8 |
| 56 | An introduction to the resilience approach and principles to sustain ecosystem services in social–ecological systems. , 2015, , 1-31. | | 7 |
| 57 | A diagnostic procedure for applying the social-ecological systems framework in diverse cases. Ecology and Society, 2015, 20, . | 1.0 | 72 |
| 58 | The SES-Framework as boundary object to address theory orientation in social–ecological system research: The SES-TheOr approach. Ecological Economics, 2015, 116, 12-24. | 2.9 | 20 |
| 59 | An empirical model of the Baltic Sea reveals the importance of social dynamics for ecological regime shifts. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11120-11125. | 3.3 | 62 |
| 60 | Principles for Building Resilience. , 2015, , . | | 280 |
| 61 | A framework for analyzing, comparing, and diagnosing social-ecological systems. Ecology and Society, 2015, 20, . | 1.0 | 8 |
| 62 | Enhancing the Ostrom social-ecological system framework through formalization. Ecology and Society, 2014, 19, . | 1.0 | 64 |
| 63 | Application of the SES Framework for Model-based Analysis of the Dynamics of Social-Ecological Systems. Ecology and Society, 2014, 19, . | 1.0 | 85 |
| 64 | Standardised and transparent model descriptions for agent-based models: Current status and prospects. Environmental Modelling and Software, 2014, 55, 156-163. | 1.9 | 71 |
| 65 | Regime shifts in a social-ecological system. Theoretical Ecology, 2013, 6, 359-372. | 0.4 | 169 |
| 66 | Enhancing resilience to water flow uncertainty by integrating environmental flows into water management in the Amudarya River, Central Asia. Global and Planetary Change, 2013, 110, 114-129. | 1.6 | 30 |
| 67 | Environmental flows and water governance: managing sustainable water uses. Current Opinion in Environmental Sustainability, 2013, 5, 341-351. | 3.1 | 198 |
| 68 | Describing human decisions in agent-based models –“ ODD+AD, an extension of the ODD protocol. Environmental Modelling and Software, 2013, 48, 37-48. | 1.9 | 343 |
| 69 | Explaining institutional persistence, adaptation, and transformation in East German recreational-fisheries governance after the German reunification in 1990. Ecological Economics, 2013, 96, 36-50. | 2.9 | 10 |
| 70 | Toward Principles for Enhancing the Resilience of Ecosystem Services. Annual Review of Environment and Resources, 2012, 37, 421-448. | 5.6 | 844 |
| 71 | The survival of the conformist: Social pressure and renewable resource management. Journal of Theoretical Biology, 2012, 299, 152-161. | 0.8 | 108 |
| 72 | Exploring Resilience and Transformability of a River Basin in the Face of Socioeconomic and Ecological Crisis: an Example from the Amudarya River Basin, Central Asia. Ecology and Society, 2011, 16, . | 1.0 | 41 |

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|----|--|-----|-----------|
| 73 | Cross-Comparison of Climate Change Adaptation Strategies Across Large River Basins in Europe, Africa and Asia. <i>Water Resources Management</i> , 2010, 24, 4121-4160. | 1.9 | 79 |
| 74 | Coping with change: responses of the Uzbek water management regime to socio-economic transition and global change. <i>Environmental Science and Policy</i> , 2010, 13, 620-636. | 2.4 | 54 |
| 75 | Managing water-use trade-offs in a semi-arid river delta to sustain multiple ecosystem services: a modeling approach. <i>Ecological Research</i> , 2009, 24, 491-503. | 0.7 | 41 |
| 76 | Modeling responses of coupled social-ecological systems of the Gulf of California to anthropogenic and natural perturbations. <i>Ecological Research</i> , 2009, 24, 505-519. | 0.7 | 18 |
| 77 | Mechanisms of Resilience in Common-pool Resource Management Systems: an Agent-based Model of Water Use in a River Basin. <i>Ecology and Society</i> , 2007, 12, . | 1.0 | 144 |
| 78 | Application of a GIS-based simulation tool to illustrate implications of uncertainties for water management in the Amudarya river delta. <i>Environmental Modelling and Software</i> , 2007, 22, 158-166. | 1.9 | 43 |
| 79 | TUCAI: An Integrated Simulation Tool for Ecological Assessment of Alternative Water Management Strategies in a Degraded River Delta. <i>Environmental Management</i> , 2006, 38, 638-653. | 1.2 | 17 |
| 80 | Optimizing long-term water allocation in the Amudarya River delta: a water management model for ecological impact assessment. <i>Environmental Modelling and Software</i> , 2005, 20, 529-545. | 1.9 | 86 |
| 81 | A fuzzy habitat suitability index for <i>Populus euphratica</i> in the Northern Amudarya delta (Uzbekistan). <i>Ecological Modelling</i> , 2005, 184, 313-328. | 1.2 | 50 |
| 82 | The Routledge Handbook of Research Methods for Social-Ecological Systems. , 0, , . | | 81 |
| 83 | Formalising theories of human decision-making for agent-based modelling of social-ecological systems: practical lessons learned and ways forward. <i>Socio-Environmental Systems Modeling</i> , 0, 2, 16340. | 0.0 | 11 |
| 84 | Social-Ecological Intertwinedness: An Attempt at a Clarification. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 2 |