

Nicholas Magliocca

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,088
citations

236925

25
h-index

243625

44
g-index

55
all docs

55
docs citations

55
times ranked

3006
citing authors

#	ARTICLE	IF	CITATIONS
1	Shifting landscape suitability for cocaine trafficking through Central America in response to counterdrug interdiction. <i>Landscape and Urban Planning</i> , 2022, 221, 104359.	7.5	4
2	Why care about theories? Innovative ways of theorizing in sustainability science. <i>Current Opinion in Environmental Sustainability</i> , 2022, 54, 101154.	6.3	14
3	Migration towards Bangladesh coastlines projected to increase with sea-level rise through 2100. <i>Environmental Research Letters</i> , 2021, 16, 024045.	5.2	38
4	Spatialising illicit commodity chains: Comparing coffee and cocaine. <i>Area</i> , 2021, 53, 501-510.	1.6	4
5	Understanding the role of illicit transactions in land-change dynamics. <i>Nature Sustainability</i> , 2020, 3, 175-181.	23.7	33
6	The impacts of cocaine-trafficking on conservation governance in Central America. <i>Global Environmental Change</i> , 2020, 63, 102098.	7.8	29
7	Farmland size, chemical fertilizers, and irrigation management effects on maize and wheat yield in Mexico. <i>Journal of Land Use Science</i> , 2020, 15, 532-546.	2.2	8
8	Agent-Based Modeling for Integrating Human Behavior into the Food-Energy-Water Nexus. <i>Land</i> , 2020, 9, 519.	2.9	20
9	Emergent conservation outcomes of shared risk perception in human-wildlife systems. <i>Conservation Biology</i> , 2020, 34, 903-914.	4.7	17
10	Advancing understanding of natural resource governance: a post-Ostrom research agenda. <i>Current Opinion in Environmental Sustainability</i> , 2020, 44, 26-34.	6.3	67
11	Illicit Drivers of Land Use Change: Narcotrafficking and Forest Loss in Central America. <i>Global Environmental Change</i> , 2020, 63, 102092.	7.8	27
12	Direct and indirect land-use change caused by large-scale land acquisitions in Cambodia. <i>Environmental Research Letters</i> , 2020, 15, 024010.	5.2	21
13	“One Size Does Not Fit All”: A Roadmap of Purpose-Driven Mixed-Method Pathways for Sensitivity Analysis of Agent-Based Models. <i>Jasss</i> , 2020, 23, .	1.8	30
14	Costa Rica’s Water Paradox: Linking Rainforests and Droughts through the Water-Energy-Food-Environment Nexus in Guanacaste Province. <i>Case Studies in the Environment</i> , 2020, 4, 1-9.	0.7	0
15	Challenges and Opportunities of Social Media Data for Socio-Environmental Systems Research. <i>Land</i> , 2019, 8, 107.	2.9	25
16	Future drought risk in Africa: Integrating vulnerability, climate change, and population growth. <i>Science of the Total Environment</i> , 2019, 662, 672-686.	8.0	190
17	Archetypical pathways of direct and indirect land-use change caused by Cambodia’s economic land concessions. <i>Ecology and Society</i> , 2019, 24, .	2.3	21
18	Beyond land cover change: towards a new generation of land use models. <i>Current Opinion in Environmental Sustainability</i> , 2019, 38, 77-85.	6.3	115

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19	Modeling cocaine traffickers and counterdrug interdiction forces as a complex adaptive system. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7784-7792.	7.1	55
20	Design and quality criteria for archetype analysis. Ecology and Society, 2019, 24, .	2.3	40
21	Archetype analysis in sustainability research: methodological portfolio and analytical frontiers. Ecology and Society, 2019, 24, .	2.3	43
22	Meeting the looming policy challenge of sea-level change and human migration. Nature Climate Change, 2019, 9, 898-901.	18.8	49
23	Modeling coastal land and housing markets: Understanding the competing influences of amenities and storm risks. Ocean and Coastal Management, 2018, 157, 95-110.	4.4	10
24	Closing global knowledge gaps: Producing generalized knowledge from case studies of social-ecological systems. Global Environmental Change, 2018, 50, 1-14.	7.8	98
25	Evolving the Anthropocene: linking multi-level selection with long-term social-ecological change. Sustainability Science, 2018, 13, 119-128.	4.9	42
26	The role of subjective risk perceptions in shaping coastal development dynamics. Computers, Environment and Urban Systems, 2018, 71, 1-13.	7.1	11
27	Integrating Global Sensitivity Approaches to Deconstruct Spatial and Temporal Sensitivities of Complex Spatial Agent-Based Models. Jasss, 2018, 21, .	1.8	7
28	Resilience in the global food system. Environmental Research Letters, 2017, 12, 025010.	5.2	100
29	Ambiguous Geographies: Connecting Case Study Knowledge with Global Change Science. Annals of the American Association of Geographers, 2016, 106, 572-596.	2.2	24
30	Simple or complicated agent-based models? A complicated issue. Environmental Modelling and Software, 2016, 86, 56-67.	4.5	114
31	Evolving human landscapes: a virtual laboratory approach. Journal of Land Use Science, 2016, 11, 642-671.	2.2	17
32	Past and present biophysical redundancy of countries as a buffer to changes in food supply. Environmental Research Letters, 2016, 11, 055008.	5.2	29
33	Reserves and trade jointly determine exposure to food supply shocks. Environmental Research Letters, 2016, 11, 095009.	5.2	88
34	Meta-studies in land use science: Current coverage and prospects. Ambio, 2016, 45, 15-28.	5.5	112
35	Model-Based Synthesis of Locally Contingent Responses to Global Market Signals. Land, 2015, 4, 807-841.	2.9	7
36	Exploring sprawl: Results from an economic agent-based model of land and housing markets. Ecological Economics, 2015, 113, 114-125.	5.7	29

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37	From meta-studies to modeling: Using synthesis knowledge to build broadly applicable process-based land change models. <i>Environmental Modelling and Software</i> , 2015, 72, 10-20.	4.5	33
38	Synthesis in land change science: methodological patterns, challenges, and guidelines. <i>Regional Environmental Change</i> , 2015, 15, 211-226.	2.9	106
39	Cross-Site Comparison of Land-Use Decision-Making and Its Consequences across Land Systems with a Generalized Agent-Based Model. <i>PLoS ONE</i> , 2014, 9, e86179.	2.5	29
40	Towards decision-based global land use models for improved understanding of the Earth system. <i>Earth System Dynamics</i> , 2014, 5, 117-137.	7.1	88
41	Effects of Alternative Developer Decision-Making Models on the Production of Ecological Subdivision Designs: Experimental Results from an Agent-Based Model. <i>Environment and Planning B: Planning and Design</i> , 2014, 41, 907-927.	1.7	16
42	GLOBE: Analytics for Assessing Global Representativeness. , 2014, , .		10
43	Using Pattern-oriented Modeling (POM) to Cope with Uncertainty in Multi-scale Agent-based Models of Land Change. <i>Transactions in GIS</i> , 2013, 17, 883-900.	2.3	25
44	Designing a system for land change science meta-study. , 2013, , .		5
45	Exploring Agricultural Livelihood Transitions with an Agent-Based Virtual Laboratory: Global Forces to Local Decision-Making. <i>PLoS ONE</i> , 2013, 8, e73241.	2.5	43
46	Zoning on the urban fringe: Results from a new approach to modeling land and housing markets. <i>Regional Science and Urban Economics</i> , 2012, 42, 198-210.	2.6	30
47	Exploring Coupled Housing and Land Market Interactions Through an Economic Agent-Based Model (CHALMS). , 2012, , 543-568.		5
48	Long-Term, Large-Scale Morphodynamic Effects of Artificial Dune Construction along a Barrier Island Coastline. <i>Journal of Coastal Research</i> , 2011, 276, 918-930.	0.3	42
49	An economic agent-based model of coupled housing and land markets (CHALMS). <i>Computers, Environment and Urban Systems</i> , 2011, 35, 183-191.	7.1	97
50	Induced coupling: an approach to modeling and managing complex human-landscape interactions. <i>Systems Research and Behavioral Science</i> , 2008, 25, 655-661.	1.6	7
51	Explaining Sprawl with an Agent-Based Model of Exurban Land and Housing Markets. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
52	Zoning on the Urban Fringe: Results from a New Approach to Modeling Land and Housing Markets. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
53	A family of models in support of realistic drug interdiction location decision-making. <i>Transactions in GIS</i> , 0, , .	2.3	3
54	Multi-Level Influences on Center-Pivot Irrigation Adoption in Alabama. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	3.9	4