

Todd K Bendor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7244379/publications.pdf>

Version: 2024-02-01

61
papers

2,076
citations

279701

23
h-index

254106

43
g-index

61
all docs

61
docs citations

61
times ranked

2636
citing authors

#	ARTICLE	IF	CITATIONS
1	Tools and methods in participatory modeling: Selecting the right tool for the job. <i>Environmental Modelling and Software</i> , 2018, 109, 232-255.	1.9	257
2	The Invisible Flood: The Chemistry, Ecology, and Social Implications of Coastal Saltwater Intrusion. <i>BioScience</i> , 2019, 69, 368-378.	2.2	151
3	Ecosystem services in urban planning: Comparative paradigms and guidelines for high quality plans. <i>Landscape and Urban Planning</i> , 2016, 152, 90-100.	3.4	123
4	Estimating the Size and Impact of the Ecological Restoration Economy. <i>PLoS ONE</i> , 2015, 10, e0128339.	1.1	122
5	Modeling the spread of the Emerald Ash Borer. <i>Ecological Modelling</i> , 2006, 197, 221-236.	1.2	106
6	A dynamic analysis of the wetland mitigation process and its effects on no net loss policy. <i>Landscape and Urban Planning</i> , 2009, 89, 17-27.	3.4	95
7	Purpose, processes, partnerships, and products: four Ps to advance participatory socio-environmental modeling. <i>Ecological Applications</i> , 2018, 28, 46-61.	1.8	74
8	A research agenda for ecosystem services in American environmental and land use planning. <i>Cities</i> , 2017, 60, 260-271.	2.7	68
9	Ecological and economic sustainability in fishery management: A multi-agent model for understanding competition and cooperation. <i>Ecological Economics</i> , 2009, 68, 1061-1073.	2.9	58
10	Stacking ecosystem services. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 186-193.	1.9	58
11	Defining and evaluating the ecological restoration economy. <i>Restoration Ecology</i> , 2015, 23, 209-219.	1.4	58
12	Bioenergy and land use: a spatial-agent dynamic model of energy crop production in Illinois. <i>International Journal of Environment and Pollution</i> , 2009, 39, 4.	0.2	53
13	Landscape characteristics of a stream and wetland mitigation banking program. <i>Ecological Applications</i> , 2009, 19, 2078-2092.	1.8	53
14	The Dynamics of Brownfield Redevelopment. <i>Sustainability</i> , 2011, 3, 914-936.	1.6	46
15	Sharing the floodplain: Mediated modeling for environmental management. <i>Environmental Modelling and Software</i> , 2010, 25, 1282-1290.	1.9	44
16	Anticipating trade-offs between urban patterns and ecosystem service production: Scenario analyses of sprawl alternatives for a rapidly urbanizing region. <i>Computers, Environment and Urban Systems</i> , 2019, 74, 114-125.	3.3	38
17	Assessing the Socioeconomic Impacts of Wetland Mitigation in the Chicago Region. <i>Journal of the American Planning Association</i> , 2007, 73, 263-282.	0.9	34
18	Determinants of Spatial and Temporal Patterns in Compensatory Wetland Mitigation. <i>Environmental Management</i> , 2007, 40, 349-364.	1.2	34

#	ARTICLE	IF	CITATIONS
19	Ecosystem services and U.S. stormwater planning: An approach for improving urban stormwater decisions. <i>Environmental Science and Policy</i> , 2018, 88, 92-103.	2.4	34
20	The Social Impacts of Wetland Mitigation Policies in the United States. <i>Journal of Planning Literature</i> , 2008, 22, 341-357.	2.2	30
21	The spatial dynamics of invasive species spread. <i>System Dynamics Review</i> , 2006, 22, 27-50.	1.1	29
22	Risk and Markets for Ecosystem Services. <i>Environmental Science & Technology</i> , 2011, 45, 10322-10330.	4.6	28
23	Simulating a combination of feebates and scrappage incentives to reduce automobile emissions. <i>Energy</i> , 2006, 31, 1197-1214.	4.5	27
24	The land value impacts of wetland restoration. <i>Journal of Environmental Management</i> , 2013, 127, 289-299.	3.8	26
25	Floodplain Buyouts and Municipal Finance. <i>Natural Hazards Review</i> , 2020, 21, .	0.8	26
26	A mixed-methods analysis of social-ecological feedbacks between urbanization and forest persistence. <i>Ecology and Society</i> , 2014, 19, .	1.0	24
27	Modeling park development through regional land use change simulation. <i>Land Use Policy</i> , 2013, 30, 1-12.	2.5	22
28	Integrating sea level rise into development suitability analysis. <i>Computers, Environment and Urban Systems</i> , 2015, 51, 13-24.	3.3	21
29	A Review of Funding Mechanisms for US Floodplain Buyouts. <i>Sustainability</i> , 2020, 12, 10112.	1.6	21
30	Planning for Ecosystem Service Markets. <i>Journal of the American Planning Association</i> , 2009, 76, 59-72.	0.9	20
31	A survey of entrepreneurial risk in U.S. wetland and stream compensatory mitigation markets. <i>Environmental Science and Policy</i> , 2011, 14, 301-314.	2.4	20
32	Equity and health impacts of aircraft emissions at the Hartsfield-Jackson Atlanta International Airport. <i>Landscape and Urban Planning</i> , 2013, 120, 234-247.	3.4	20
33	A geospatial analysis of land use and stormwater management on fecal coliform contamination in North Carolina streams. <i>Science of the Total Environment</i> , 2017, 603-604, 709-727.	3.9	20
34	Land Use Planning and Social Equity in North Carolina's Compensatory Wetland and Stream Mitigation Programs. <i>Environmental Management</i> , 2011, 47, 239-253.	1.2	19
35	A theory of spatial system archetypes. <i>System Dynamics Review</i> , 2012, 28, 109-130.	1.1	19
36	Fighting the inevitable: infrastructure investment and coastal community adaptation to sea level rise. <i>System Dynamics Review</i> , 2018, 34, 48-77.	1.1	19

#	ARTICLE	IF	CITATIONS
37	GIS and Coastal Vulnerability to Climate Change. , 2018, , 236-257.		16
38	A technique for rapidly forecasting regional urban growth. Environment and Planning B: Planning and Design, 2011, 38, 61-81.	1.7	15
39	Talking about density: An empirical investigation of framing. Land Use Policy, 2018, 72, 181-191.	2.5	13
40	Overcompliance in Water Quality Trading Programs: Findings from a Qualitative Case Study in North Carolina. Environment and Planning C: Urban Analytics and City Science, 2010, 28, 1-17.	1.5	11
41	A Case Study of Form-Based Solutions for Watershed Protection. Environmental Management, 2010, 46, 436-451.	1.2	11
42	Regulatory and ecological risk under federal requirements for compensatory wetland and stream mitigation. Environmental Science and Policy, 2011, 14, 639-649.	2.4	10
43	Does removal of federal subsidies discourage urban development? An evaluation of the US Coastal Barrier Resources Act. PLoS ONE, 2020, 15, e0233888.	1.1	10
44	Simulating population variation and movement within fragmented landscapes: An application to the gopher tortoise (<i>Gopherus polyphemus</i>). Ecological Modelling, 2009, 220, 867-878.	1.2	9
45	A comparative study of green building in urban and transitioning rural North Carolina. Journal of Environmental Planning and Management, 2011, 54, 1125-1147.	2.4	9
46	The System Dynamics of U.S. Automobile Fuel Economy. Sustainability, 2012, 4, 1013-1042.	1.6	9
47	Optimal Advanced Credit Releases in Ecosystem Service Markets. Environmental Management, 2014, 53, 496-509.	1.2	9
48	Predicting the Existence and Prevalence of the US Water Quality Trading Markets. Water (Switzerland), 2021, 13, 185.	1.2	9
49	Pre-listing conservation of candidate species under the endangered species act: An evaluation of prevalence, accessibility, and market-based conservation efforts. Environmental Science and Policy, 2017, 74, 68-74.	2.4	8
50	Assessing the full costs of floodplain buyouts. Climatic Change, 2021, 168, 3.	1.7	8
51	Moving Targets and Biodiversity Offsets for Endangered Species Habitat: Is Lesser Prairie Chicken Habitat a Stock or Flow?. Sustainability, 2014, 6, 1250-1259.	1.6	7
52	Complexities and costs of floodplain buyout implementation. Land Use Policy, 2022, 118, 106128.	2.5	5
53	Improving habitat exchange planning through theory, application, and lessons from other fields. Environmental Science and Policy, 2017, 73, 45-51.	2.4	4
54	Spatially Explicit Fuzzy Cognitive Mapping for Participatory Modeling of Stormwater Management. Land, 2021, 10, 1114.	1.2	4

#	ARTICLE	IF	CITATIONS
55	A national inventory and analysis of US transfer of development rights programs. Journal of Environmental Planning and Management, 2022, 65, 2276-2296.	2.4	4
56	Prioritizing streams: The impacts of in-kind mitigation rules on an ecosystem offset market. Environmental Science and Policy, 2022, 132, 131-141.	2.4	3
57	Assessing Local Government Capacity to Manage and Model Military-Induced Growth in Eastern North Carolina. Planning Practice and Research, 2011, 26, 531-553.	0.8	2
58	How does the removal of federal subsidies affect investment in coastal protection infrastructure?. Land Use Policy, 2021, 102, 105245.	2.5	2
59	Simulating Gopher Tortoise Populations in Fragmented Landscapes: An Application of the FRAGGLE Model. , 2012, , 171-195.		1
60	Political and Social Risk Amplification of GMOs. , 0, , .		0
61	A Technique for Rapidly Forecasting Regional Urban Growth. , 2012, , 223-234.		0