

# Scott B Miles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9080883/publications.pdf>

Version: 2024-02-01

37  
papers

1,185  
citations

471371

17  
h-index

552653

26  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Community Recovery from Earthquakes. <i>Earthquake Spectra</i> , 2006, 22, 439-458.	1.6	199
2	ResilUS: A Community Based Disaster Resilience Model. <i>Cartography and Geographic Information Science</i> , 2011, 38, 36-51.	1.4	122
3	Rigorous landslide hazard zonation using Newmark's method and stochastic ground motion simulation. <i>Soil Dynamics and Earthquake Engineering</i> , 1999, 18, 305-323.	1.9	121
4	Evaluation of CAMEL â€” comprehensive areal model of earthquake-induced landslides. <i>Engineering Geology</i> , 2009, 104, 1-15.	2.9	76
5	Applications and Issues of GIS as Tool for Civil Engineering Modeling. <i>Journal of Computing in Civil Engineering</i> , 1999, 13, 144-152.	2.5	71
6	Evaluation of seismic slope-performance models using a regional case study. <i>Environmental and Engineering Geoscience</i> , 2000, 6, 25-39.	0.3	64
7	Foundations of community disaster resilience: well-being, identity, services, and capitals. <i>Environmental Hazards</i> , 2015, 14, 103-121.	1.4	60
8	How did outdoor biking and walking change during COVID-19?: A case study of three U.S. cities. <i>PLoS ONE</i> , 2021, 16, e0245514.	1.1	54
9	Evaluating post-disaster ecosystem resilience using MODIS GPP data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 21, 43-52.	1.4	42
10	Community of Practice for Modeling Disaster Recovery. <i>Natural Hazards Review</i> , 2019, 20, .	0.8	41
11	Lessons from Mexicoâ€™s Earthquake Early Warning System. <i>Eos</i> , 2018, 99, .	0.1	34
12	Research Needs, Challenges, and Strategic Approaches for Natural Hazards and Disaster Reconnaissance. <i>Frontiers in Built Environment</i> , 2020, 6, .	1.2	30
13	Participatory Disaster Recovery Simulation Modeling for Community Resilience Planning. <i>International Journal of Disaster Risk Science</i> , 2018, 9, 519-529.	1.3	28
14	Integrating Performance-Based Engineering and Urban Simulation to Model Post-Earthquake Housing Recovery. <i>Earthquake Spectra</i> , 2018, 34, 1763-1785.	1.6	27
15	Hurricane Isaac Power Outage Impacts and Restoration. <i>Journal of Infrastructure Systems</i> , 2016, 22, .	1.0	24
16	Restoration and Impacts from the September 8, 2011, San Diego Power Outage. <i>Journal of Infrastructure Systems</i> , 2014, 20, .	1.0	22
17	Disaster risk reduction capacity assessment for precarious settlements in Guatemala City. <i>Disasters</i> , 2012, 36, 365-381.	1.1	21
18	Toward a Comprehensive Areal Model of Earthquake-Induced Landslides. <i>Natural Hazards Review</i> , 2009, 10, 19-28.	0.8	17

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19	Participatory model assessment of earthquake-induced landslide hazard models. <i>Natural Hazards</i> , 2011, 56, 749-766.	1.6	16
20	A framework and case study for integrating household decision-making into post-earthquake recovery models. <i>International Journal of Disaster Risk Reduction</i> , 2019, 37, 101167.	1.8	16
21	Simulating disaster recovery as discrete event processes using python. , 2015, , .		12
22	Using discrete event simulation to build a housing recovery simulation model for the 2015 Nepal earthquake. <i>International Journal of Disaster Risk Reduction</i> , 2019, 35, 101075.	1.8	12
23	The Role of Critical Infrastructure in Community Resilience to Disasters. , 2011, , .		11
24	Social Impacts of the 12 January 2010 Haiti Earthquake. <i>Earthquake Spectra</i> , 2011, 27, 447-462.	1.6	11
25	Daily Bicycle and Pedestrian Activity as an Indicator of Disaster Recovery: A Hurricane Harvey Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2836.	1.2	8
26	Infrastructure recovery curve estimation using Gaussian process regression on expert elicited data. <i>Reliability Engineering and System Safety</i> , 2022, 217, 108054.	5.1	8
27	Theorizing Community Resilience to Improve Computational Modeling. , 2014, , .		5
28	Socio-Technical Impacts of Hurricane Isaac Power Restoration. , 2014, , .		5
29	Review of Empirical Quantitative Data Use in Lifeline Infrastructure Restoration Modeling. <i>Natural Hazards Review</i> , 2021, 22, .	0.8	5
30	Comparison of Jurisdictional Seismic Resilience Planning Initiatives. <i>PLOS Currents</i> , 0, , .	1.4	5
31	Toward Human-Centered Simulation Modeling for Critical Infrastructure Disaster Recovery Planning. , 2018, , .		4
32	Modeling and Geo-Visualizing the Role of Infrastructure in Community Disaster Resilience. , 2013, , .		3
33	Natural Language Processing for Analyzing Disaster Recovery Trends Expressed in Large Text Corpora. , 2018, , .		3
34	U.S. Earthquake Policy Activity and Coverage. <i>Earthquake Spectra</i> , 2016, 32, 633-649.	1.6	2
35	A Preliminary Longitudinal Study of Lifeline Seismic Improvement Programs. , 2013, , .		0
36	Capturing Geotechnical Extreme Event Performance with the NHERI RAPID. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Physical activity monitoring data following disasters. Sustainable Cities and Society, 2022, 81, 103814.	5.1	0