

# Syamsidik Syamsidik

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

941  
citations

567281

15  
h-index

477307

29  
g-index

72  
all docs

72  
docs citations

72  
times ranked

727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Process for integrating local and indigenous knowledge with science for hydro-meteorological disaster risk reduction and climate change adaptation in coastal and small island communities. <i>International Journal of Disaster Risk Reduction</i> , 2014, 10, 15-27.	3.9	225
2	Local and indigenous knowledge on climate-related hazards of coastal and small island communities in Southeast Asia. <i>Climatic Change</i> , 2015, 128, 35-56.	3.6	74
3	A conceptual model of a school–community collaborative network in enhancing coastal community resilience in Banda Aceh, Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2015, 12, 300-310.	3.9	63
4	Enhancing community resilience towards disaster: The contributing factors of school-community collaborative network in the tsunami affected area in Aceh. <i>International Journal of Disaster Risk Reduction</i> , 2018, 29, 3-12.	3.9	57
5	Development of accurate tsunami estimated times of arrival for tsunami-prone cities in Aceh, Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2015, 14, 403-410.	3.9	45
6	The 22 December 2018 Mount Anak Krakatau volcanogenic tsunami on Sunda Strait coasts, Indonesia: tsunami and damage characteristics. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 549-565.	3.6	44
7	Post-tsunami survey of the 28 September 2018 tsunami near Palu Bay in Central Sulawesi, Indonesia: Impacts and challenges to coastal communities. <i>International Journal of Disaster Risk Reduction</i> , 2019, 38, 101229.	3.9	41
8	Cascading disasters triggered by tsunami hazards: A perspective for critical infrastructure resilience and disaster risk reduction. <i>International Journal of Disaster Risk Reduction</i> , 2021, 66, 102597.	3.9	34
9	Assessment of post-tsunami disaster land use/land cover change and potential impact of future sea-level rise to low-lying coastal areas: A case study of Banda Aceh coast of Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2019, 41, 101292.	3.9	29
10	Changes in coastal land use and the reasons for selecting places to live in Banda Aceh 10 years after the 2004 Indian Ocean tsunami. <i>Natural Hazards</i> , 2017, 88, 1503-1521.	3.4	24
11	City Resilience towards Coastal Hazards: An Integrated Bottom-Up and Top-Down Assessment. <i>Water (Switzerland)</i> , 2020, 12, 2823.	2.7	20
12	Shallow crustal earthquake models, damage, and loss predictions in Banda Aceh, Indonesia. <i>Geoenvironmental Disasters</i> , 2020, 7, .	3.6	20
13	Fifteen years of the 2004 Indian Ocean Tsunami in Aceh-Indonesia: Mitigation, preparedness and challenges for a long-term disaster recovery process. <i>International Journal of Disaster Risk Reduction</i> , 2021, 54, 102052.	3.9	20
14	Coupling sea-level rise with tsunamis: Projected adverse impact of future tsunamis on Banda Aceh city, Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2021, 55, 102084.	3.9	19
15	Post-Earthquake Damage Assessment after the 6.5 Mw Earthquake on December, 7th 2016 in Pidie Jaya, Indonesia. <i>Journal of Earthquake Engineering</i> , 2022, 26, 409-426.	2.5	17
16	Challenges in increasing community preparedness against tsunami hazards in tsunami-prone small islands around Sumatra, Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2020, 47, 101572.	3.9	16
17	Measuring coastal cities' resilience toward coastal hazards: Instrument development and validation. <i>Progress in Disaster Science</i> , 2020, 5, 100057.	2.7	15
18	Numerical Simulations of Impacts of the 2004 Indian Ocean Tsunami on Coastal Morphological Changes Around the Ulee Lheue Bay of Aceh, Indonesia. <i>Journal of Earthquake and Tsunami</i> , 2017, 11, 1740005.	1.3	14

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19	Numerical Simulation of Morphological Changes due to the 2004 Tsunami Wave around Banda Aceh, Indonesia. <i>Geosciences (Switzerland)</i> , 2019, 9, 125.	2.2	14
20	Global optimization of a numerical two-layer model using observed data: a case study of the 2018 Sunda Strait tsunami. <i>Geoscience Letters</i> , 2020, 7, .	3.3	14
21	Coastal land use changes around the Ulee Lheue Bay of Aceh during the 10-year 2004 Indian Ocean tsunami recovery process. <i>International Journal of Disaster Risk Reduction</i> , 2018, 29, 24-36.	3.9	12
22	Characteristics of building fragility curves for seismic and non-seismic tsunamis: case studies of the 2018 Sunda Strait, 2018 Sulawesiâ€Palu, and 2004 Indian Ocean tsunamis. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2313-2344.	3.6	11
23	Numerical simulation of the impacts of reflected tsunami waves on Pulo Raya Island during the 2004 Indian Ocean tsunami. <i>Journal of Coastal Conservation</i> , 2016, 20, 489-499.	1.6	10
24	Coastal and settlement typologies-based tsunami modeling along the northern Sumatra seismic gap zone for disaster risk reduction action plans. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101800.	3.9	10
25	Vulnerability Characteristics of Tsunamis in Indonesia: Analysis of the Global Centre for Disaster Statistics Database. <i>Journal of Disaster Research</i> , 2018, 13, 1039-1048.	0.7	10
26	TSUNAMI MITIGATION MEASURES FOR TSUNAMI PRONE SMALL ISLANDS: LESSONS LEARNED FROM THE 2010 TSUNAMI AROUND THE MENTAWAI ISLANDS OF INDONESIA. <i>Journal of Earthquake and Tsunami</i> , 2013, 07, 1350002.	1.3	9
27	Numerical simulations of the 2004 Indian Ocean tsunami deposits' thicknesses and emplacements. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 1265-1280.	3.6	9
28	Assessment of post-tsunami disaster recovery of Banda Aceh city of Indonesia as window of opportunities for sustainable development. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 56, 012019.	0.3	5
29	Numerical simulations of tsunami waves impacts on Ulee Lheue Harbour in Banda Aceh-Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 56, 012015.	0.3	5
30	Reconstruction of the 2004 Tsunami Inundation Map in Banda Aceh Through Numerical Model and Its Validation with Post-Tsunami Survey Data. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 273, 012008.	0.3	5
31	Progress of Coastal Line Rehabilitation After the Indian Ocean Tsunami Around Banda Aceh Coasts. <i>Disaster Risk Reduction</i> , 2015, , 175-189.	0.4	5
32	Incorporating dynamics of land use and land cover changes into tsunami numerical modelling for future tsunamis in Banda Aceh. <i>E3S Web of Conferences</i> , 2022, 340, 01014.	0.5	5
33	The Indian Ocean Tsunami and Land Use Changes in Indonesia. <i>Disaster Risk Reduction</i> , 2017, , 297-310.	0.4	4
34	Projections of tsunami inundation area coupled with impacts of sea level rise in Banda Aceh, Indonesia. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	4
35	The prediction of building damages and casualties in the Kuta Alam sub district-Banda Aceh caused by different earthquake models. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
36	Predicting impact of SLR on coastal flooding in Banda Aceh coastal defences. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3

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37	Disaster risk reduction policies and regulations in Aceh after the 2004 Indian Ocean Tsunami. IOP Conference Series: Earth and Environmental Science, 2017, 56, 012022.	0.3	3
38	Investigating characteristics of tsunami hazards for west coast of Aceh Besar district, Indonesia. E3S Web of Conferences, 2022, 340, 01005.	0.5	3
39	Characteristics of Tidal Currents and Suspended Sediment Fluxes off River Mouths. Proceedings of Coastal Engineering Jsce, 2007, 54, 601-605.	0.1	2
40	Numerical simulations of land cover roughness influence on tsunami inundation in Ulee Lheue Bay, Aceh-Indonesia. IOP Conference Series: Earth and Environmental Science, 2017, 56, 012009.	0.3	2
41	A decade process of coastal land use changes in Peukan Bada-Aceh after the 2004 Indian Ocean Tsunami. IOP Conference Series: Earth and Environmental Science, 2017, 56, 012012.	0.3	2
42	RECENT RESEARCH ON TSUNAMI HAZARDS FOR SUMATRA AND THE SOUTH CHINA SEA AREA. Journal of Earthquake and Tsunami, 2013, 07, 1303001.	1.3	1
43	Preliminary study on performance of a coupled hydrodynamic and sediment transport model on small domain. AIP Conference Proceedings, 2017, , .	0.4	1
44	Coastal Flooding Impacts Induced Sea Level Rise on Banda Aceh Coastal Morphology. IOP Conference Series: Earth and Environmental Science, 2019, 273, 012007.	0.3	1
45	Numerical Simulations of Tsunami Wave Properties on Coastal Slopes using One Piston-Wavemaker Method. IOP Conference Series: Earth and Environmental Science, 2019, 273, 012011.	0.3	1
46	Factors Affecting Post-Disaster Housing Reconstruction on Preconstruction Stage in Pidie Jaya Regency Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 273, 012037.	0.3	1
47	Conceptual Design of Mobile Application for Post-disaster Rapid Assessment of Damaged Houses. IOP Conference Series: Earth and Environmental Science, 2019, 273, 012050.	0.3	1
48	Earthquake relocation to understand the megathrust segments along the Sumatran subduction zone. IOP Conference Series: Earth and Environmental Science, 0, 630, 012002.	0.3	1
49	The 2004 Indian Ocean Earthquake and Tsunami: Resettlement and Demographic Challenges. Disaster Risk Reduction, 2021, , 317-331.	0.4	1
50	Assessment on Damages of Harbor Complexes Due to Impacts of the 2018 Palu-Donggala Tsunami, Indonesia. , 2020, , 257-260.		1
51	Influence of Small Islands against Tsunami Wave Impact along Sumatra Island. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2016, 72, I_331-I_336.	0.4	0
52	Numerical simulation for estimating of sediment transport due layouts of port. AIP Conference Proceedings, 2017, , .	0.4	0
53	Numerical Experiments on Tsunami Wave Forces on Open Structures Using Dam-Break Method. IOP Conference Series: Earth and Environmental Science, 2019, 273, 012010.	0.3	0
54	OBSERVATIONS OF SUSPENDED SEDIMENT PROPERTIES OFF THE TENRYU RIVER MOUTH, JAPAN. , 2009, , .		0

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55	EVALUASI JARINGAN DAERAH IRIGASI BULOH BLANG ARA. Jurnal Teknik Sipil, 2018, 1, 985-994.	0.1	0
56	KEANDALAN EMBUNG LAMBADEUK UNTUK PEMENUHAN AIR BERSIH DI DAERAH PESISIR KECAMATAN PEUKAN BADA ACEH BESAR. Jurnal Teknik Sipil, 2018, 1, 971-984.	0.1	0
57	KAJIAN POLA OPERASI WADUK KEUREUTO UNTUK MEMENUHI KEBUTUHAN AIR BAKU DI KABUPATEN ACEH UTARA PROVINSI ACEH. Jurnal Teknik Sipil, 2018, 1, 1059-1070.	0.1	0
58	Multi-indicator building vulnerability index for assessing tsunami-induced building damages. E3S Web of Conferences, 2022, 340, 04002.	0.5	0