Elco E Koks

List of Publications by Year
in descending order

34 papers	1,939 citations	361413 20 h-index	414414 32 g-index
60 all docs	60 docs citations	60 times ranked	1986 citing authors

#	Article	IF	Citations
1	A systemic risk framework to improve the resilience of port and supply-chain networks to natural hazards. Maritime Economics and Logistics, 2022, 24, 489-506.	4.0	16
2	A spatially-explicit harmonized global dataset of critical infrastructure. Scientific Data, 2022, 9, 150.	5.3	23
3	Invited perspectives: A research agenda towards disaster risk management pathways in multi-(hazard-)risk assessment. Natural Hazards and Earth System Sciences, 2022, 22, 1487-1497.	3.6	27
4	System vulnerability to flood events and risk assessment of railway systems based on national and river basin scales in China. Natural Hazards and Earth System Sciences, 2022, 22, 1519-1540.	3.6	3
5	Will river floods â€˜tipâ€™ European road networks? A robustness assessment. Transportation Research, Part D: Transport and Environment, 2022, 108, 103332.	6.8	5
6	Observed impacts of the COVID-19 pandemic on global trade. Nature Human Behaviour, 2021, 5, 305-307.	12.0	71
7	Flood risk assessment of the European road network. Natural Hazards and Earth System Sciences, 2021, 21, 1011-1027.	3.6	26
8	Global economic impacts of COVID-19 lockdown measures stand out in high-frequency shipping data. PLoS ONE, 2021, 16, e0248818.	2.5	83
9	Risks on global financial stability induced by climate change: the case of flood risks. Climatic Change, 2021, 166, 1.	3.6	17
10	A River Flood and Earthquake Risk Assessment of Railway Assets along the Belt and Road. International Journal of Disaster Risk Science, 2021, 12, 553-567.	2.9	10
11	Seismic Risk Assessment of the Railway Network of Chinaâ€™s Mainland. International Journal of Disaster Risk Science, 2020, 11, 452-465.	2.9	10
12	Port disruptions due to natural disasters: Insights into port and logistics resilience. Transportation Research, Part D: Transport and Environment, 2020, 85, 102393.	6.8	76
13	Continental-scale mapping and analysis of 3D building structure. Remote Sensing of Environment, 2020, 245, 111859.	11.0	116
14	Hard or soft flood adaptation? Advantages of a hybrid strategy for Shanghai. Global Environmental Change, 2020, 61, 102037.	7.8	83
15	Predictive mapping of the global power system using open data. Scientific Data, 2020, 7, 19.	5.3	63
16	A high-resolution wind damage model for Europe. Scientific Reports, 2020, 10, 6866.	3.3	22
17	A global multi-hazard risk analysis of road and railway infrastructure assets. Nature Communications, 2019, 10, 2677.	12.8	213
18	The macroeconomic impacts of future river flooding in Europe. Environmental Research Letters, 2019, 14, 084042.	5.2	34

#	Article	IF	Citations
19	Understanding Business Disruption and Economic Losses Due to Electricity Failures and Flooding. International Journal of Disaster Risk Science, 2019, 10, 421-438.	2.9	32
20	Building Asset Value Mapping in Support of Flood Risk Assessments: A Case Study of Shanghai, China. Sustainability, 2019, 11, 971.	3.2	17
21	Multiregional Disaster Impact Models: Recent Advances and Comparison of Outcomes. Advances in Spatial Science, 2019, , 191-218.	0.6	6
22	Moving flood risk modelling forwards. Nature Climate Change, 2018, 8, 561-562.	18.8	22
23	Economic Impacts of Irrigation-Constrained Agriculture in the Lower Po Basin. Water Economics and Policy, 2018, 04, 1750003.	1.0	6
24	Household migration in disaster impact analysis: incorporating behavioural responses to risk. Natural Hazards, 2017, 87, 287-305.	3.4	10
25	Adaptation to Sea Level Rise: A Multidisciplinary Analysis for Ho Chi Minh City, Vietnam. Water Resources Research, 2017, 53, 10841-10857.	4.2	43
26	Regional disaster impact analysis: comparing inputâ€“output and computable general equilibrium models. Natural Hazards and Earth System Sciences, 2016, 16, 1911-1924.	3.6	70
27	A Multiregional Impact Assessment Model for disaster analysis. Economic Systems Research, 2016, 28, 429-449.	2.7	132
28	Improving flood damage assessment models in Italy. Natural Hazards, 2016, 82, 2075-2088.	3.4	52
29	Integrated Direct and Indirect Flood Risk Modeling: Development and Sensitivity Analysis. Risk Analysis, 2015, 35, 882-900.	2.7	130
30	Improving Flood Damage Assessment Models in Italy. SSRN Electronic Journal, 2015, , .	0.4	0
31	Combining hazard, exposure and social vulnerability to provide lessons for flood risk management. Environmental Science and Policy, 2015, 47, 42-52.	4.9	393
32	Corrigendum to "Increasing flood exposure in the Netherlands: implications for risk financing" published in Nat. Hazards Earth Syst. Sci., 14, 1245â€“1255, 2014. Natural Hazards and Earth System Sciences, 2014, 14, 1429-1429.	3.6	0
33	Increasing flood exposure in the Netherlands: implications for risk financing. Natural Hazards and Earth System Sciences, 2014, 14, 1245-1255.	3.6	60
34	Effect of spatial adaptation measures on flood risk: study of coastal floods in Belgium. Regional Environmental Change, 2014, 14, 413-425.	2.9	31