

# Elco E Koks

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4766939/publications.pdf>

Version: 2024-02-01

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	Combining hazard, exposure and social vulnerability to provide lessons for flood risk management. <i>Environmental Science and Policy</i> , 2015, 47, 42-52.	4.9	393
2	A global multi-hazard risk analysis of road and railway infrastructure assets. <i>Nature Communications</i> , 2019, 10, 2677.	12.8	213
3	A Multiregional Impact Assessment Model for disaster analysis. <i>Economic Systems Research</i> , 2016, 28, 429-449.	2.7	132
4	Integrated Direct and Indirect Flood Risk Modeling: Development and Sensitivity Analysis. <i>Risk Analysis</i> , 2015, 35, 882-900.	2.7	130
5	Continental-scale mapping and analysis of 3D building structure. <i>Remote Sensing of Environment</i> , 2020, 245, 111859.	11.0	116
6	Hard or soft flood adaptation? Advantages of a hybrid strategy for Shanghai. <i>Global Environmental Change</i> , 2020, 61, 102037.	7.8	83
7	Global economic impacts of COVID-19 lockdown measures stand out in high-frequency shipping data. <i>PLoS ONE</i> , 2021, 16, e0248818.	2.5	83
8	Port disruptions due to natural disasters: Insights into port and logistics resilience. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 85, 102393.	6.8	76
9	Observed impacts of the COVID-19 pandemic on global trade. <i>Nature Human Behaviour</i> , 2021, 5, 305-307.	12.0	71
10	Regional disaster impact analysis: comparing input-output and computable general equilibrium models. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 1911-1924.	3.6	70
11	Predictive mapping of the global power system using open data. <i>Scientific Data</i> , 2020, 7, 19.	5.3	63
12	Increasing flood exposure in the Netherlands: implications for risk financing. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1245-1255.	3.6	60
13	Improving flood damage assessment models in Italy. <i>Natural Hazards</i> , 2016, 82, 2075-2088.	3.4	52
14	Adaptation to Sea Level Rise: A Multidisciplinary Analysis for Ho Chi Minh City, Vietnam. <i>Water Resources Research</i> , 2017, 53, 10841-10857.	4.2	43
15	The macroeconomic impacts of future river flooding in Europe. <i>Environmental Research Letters</i> , 2019, 14, 084042.	5.2	34
16	Understanding Business Disruption and Economic Losses Due to Electricity Failures and Flooding. <i>International Journal of Disaster Risk Science</i> , 2019, 10, 421-438.	2.9	32
17	Effect of spatial adaptation measures on flood risk: study of coastal floods in Belgium. <i>Regional Environmental Change</i> , 2014, 14, 413-425.	2.9	31
18	Invited perspectives: A research agenda towards disaster risk management pathways in multi-(hazard-)risk assessment. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1487-1497.	3.6	27

#	ARTICLE	IF	CITATIONS
19	Flood risk assessment of the European road network. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 1011-1027.	3.6	26
20	A spatially-explicit harmonized global dataset of critical infrastructure. <i>Scientific Data</i> , 2022, 9, 150.	5.3	23
21	Moving flood risk modelling forwards. <i>Nature Climate Change</i> , 2018, 8, 561-562.	18.8	22
22	A high-resolution wind damage model for Europe. <i>Scientific Reports</i> , 2020, 10, 6866.	3.3	22
23	Building Asset Value Mapping in Support of Flood Risk Assessments: A Case Study of Shanghai, China. <i>Sustainability</i> , 2019, 11, 971.	3.2	17
24	Risks on global financial stability induced by climate change: the case of flood risks. <i>Climatic Change</i> , 2021, 166, 1.	3.6	17
25	A systemic risk framework to improve the resilience of port and supply-chain networks to natural hazards. <i>Maritime Economics and Logistics</i> , 2022, 24, 489-506.	4.0	16
26	Household migration in disaster impact analysis: incorporating behavioural responses to risk. <i>Natural Hazards</i> , 2017, 87, 287-305.	3.4	10
27	Seismic Risk Assessment of the Railway Network of China's Mainland. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 452-465.	2.9	10
28	A River Flood and Earthquake Risk Assessment of Railway Assets along the Belt and Road. <i>International Journal of Disaster Risk Science</i> , 2021, 12, 553-567.	2.9	10
29	Economic Impacts of Irrigation-Constrained Agriculture in the Lower Po Basin. <i>Water Economics and Policy</i> , 2018, 04, 1750003.	1.0	6
30	Multiregional Disaster Impact Models: Recent Advances and Comparison of Outcomes. <i>Advances in Spatial Science</i> , 2019, , 191-218.	0.6	6
31	Will river floods tip European road networks? A robustness assessment. <i>Transportation Research, Part D: Transport and Environment</i> , 2022, 108, 103332.	6.8	5
32	System vulnerability to flood events and risk assessment of railway systems based on national and river basin scales in China. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1519-1540.	3.6	3
33	Corrigendum to "Increasing flood exposure in the Netherlands: implications for risk financing" published in <i>Nat. Hazards Earth Syst. Sci.</i> , 14, 1245-1255, 2014. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1429-1429.	3.6	0
34	Improving Flood Damage Assessment Models in Italy. <i>SSRN Electronic Journal</i> , 2015, , .	0.4	0