

Future climate risk from compound events

Nature Climate Change

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Citation Report

#	ARTICLE	IF	CITATIONS
1	From Hazard to Risk. Bulletin of the American Meteorological Society, 2018, 99, 1689-1693.	3.3	14
2	The role of atmospheric rivers in compound events consisting of heavy precipitation and high storm surges along the Dutch coast. Natural Hazards and Earth System Sciences, 2018, 18, 3311-3326.	3.6	42
3	Impacts of natural and human drivers on the multi-decadal morphological evolution of tidally-influenced deltas. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180396.	2.1	20
4	Increasing compound events of extreme hot and dry days during growing seasons of wheat and maize in China. Scientific Reports, 2018, 8, 16700.	3.3	68
5	Storylines: an alternative approach to representing uncertainty in physical aspects of climate change. Climatic Change, 2018, 151, 555-571.	3.6	317
6	Multidimensional risk in a nonstationary climate: Joint probability of increasingly severe warm and dry conditions. Science Advances, 2018, 4, eaau3487.	10.3	134
7	Implications of Simulating Global Digital Elevation Models for Flood Inundation Studies. Water Resources Research, 2018, 54, 7910-7928.	4.2	45
8	Quantifying the relationship between compound dry and hot events and El Niño/southern Oscillation (ENSO) at the global scale. Journal of Hydrology, 2018, 567, 332-338.	5.4	70
9	An empirical investigation into the effect of antecedent precipitation on flood volume. Journal of Hydrology, 2018, 567, 435-445.	5.4	59
10	A new approach for assessing synergies of solar and wind power: implications for West Africa. Environmental Research Letters, 2018, 13, 094009.	5.2	77
11	Amplified warming of droughts in southern United States in observations and model simulations. Science Advances, 2018, 4, eaat2380.	10.3	69
12	A multivariate approach for statistical assessments of compound extremes. Journal of Hydrology, 2018, 565, 87-94.	5.4	44
13	Short-term concurrent drought and heatwave frequency with 1.5 and 2.0°C global warming in humid subtropical basins: a case study in the Gan River Basin, China. Climate Dynamics, 2019, 52, 4621-4641.	3.8	49
14	Land-atmospheric feedbacks during droughts and heatwaves: state of the science and current challenges. Annals of the New York Academy of Sciences, 2019, 1436, 19-35.	3.8	407
15	Dry-hot magnitude index: a joint indicator for compound event analysis. Environmental Research Letters, 2019, 14, 064017.	5.2	44
16	Summer weather becomes more persistent in a 2°C world. Nature Climate Change, 2019, 9, 666-671.	18.8	124
17	Amplification of mega-heatwaves through heat torrents fuelled by upwind drought. Nature Geoscience, 2019, 12, 712-717.	12.9	168
19	An emerging tropical cyclone-deadly heat compound hazard. Nature Climate Change, 2019, 9, 602-606.	18.8	70

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20	Compound Droughts and Heat Waves in China. Sustainability, 2019, 11, 3270.	3.2	58
21	Integrating Typhoon Destructive Potential and Social-Ecological Systems Toward Resilient Coastal Communities. Earth's Future, 2019, 7, 805-818.	6.3	18
22	A New Perspective on Terrestrial Hydrologic Intensity That Incorporates Atmospheric Water Demand. Geophysical Research Letters, 2019, 46, 8114-8124.	4.0	13
23	Fish die-offs are concurrent with thermal extremes in north temperate lakes. Nature Climate Change, 2019, 9, 637-641.	18.8	68
24	HARCI-EU, a harmonized gridded dataset of critical infrastructures in Europe for large-scale risk assessments. Scientific Data, 2019, 6, 126.	5.3	12
25	Assessing the characteristics and drivers of compound flooding events around the UK coast. Hydrology and Earth System Sciences, 2019, 23, 3117-3139.	4.9	108
26	A monitoring and prediction system for compound dry and hot events. Environmental Research Letters, 2019, 14, 114034.	5.2	44
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36	Spatial and Temporal Variations of Compound Droughts and Hot Extremes in China. Atmosphere, 2019, 10, 95.	2.3	35
37	2018 International Atmospheric Rivers Conference: Multi-disciplinary studies and high-impact applications of atmospheric rivers. Atmospheric Science Letters, 2019, 20, e935.	1.9	5
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50	From Hazard to Consequences: Evaluation of Direct and Indirect Impacts of Flooding Along the Emilia-Romagna Coastline, Italy. Frontiers in Earth Science, 2019, 7, .	1.8	14
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62	Concurrent 2018 Hot Extremes Across Northern Hemisphere Due to Human-Induced Climate Change. <i>Earth's Future</i> , 2019, 7, 692-703.	6.3	182
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65	Mining Social Media to Identify Heat Waves. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 762.	2.6	15
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77	Scenarios and Decision Support for Security and Conflict Risks in the Context of Climate Change. <i>Current Climate Change Reports</i> , 2019, 5, 12-23.	8.6	5

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78	Projecting Tree Species Composition Changes of European Forests for 2061â€“2090 Under RCP 4.5 and RCP 8.5 Scenarios. <i>Frontiers in Plant Science</i> , 2018, 9, 1986.	3.6	133
79	Coastal Flooding and Inundation and Inland Flooding due to Downstream Blocking. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 336.	2.6	5
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91	Why We Can No Longer Ignore Consecutive Disasters. <i>Earth's Future</i> , 2020, 8, e2019EF001425.	6.3	135
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99	Impacts of extreme events on medieval societies: Insights from climate history. , 2020, , 279-291.		0
100	Climate extremes and conflict dynamics. , 2020, , 293-315.		5
101	Avoiding impacts and impacts avoided: Impact science to inform adaptation action and policy-relevant assessments. , 2020, , 317-339.		0
102	Plastic debris in rivers. Wiley Interdisciplinary Reviews: Water, 2020, 7, e1398.	6.5	252
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143	The dangers of Arctic zombie wildfires. <i>Science</i> , 2020, 369, 1171-1171.	12.6	14
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153	Assessing Compound Flooding From Landfalling Tropical Cyclones on the North Carolina Coast. <i>Water Resources Research</i> , 2020, 56, e2019WR026788.	4.2	76
154	Projected changes in hot, dry and wet extreme eventsâ€™ clusters in CMIP6 multi-model ensemble. <i>Environmental Research Letters</i> , 2020, 15, 094021.	5.2	83
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171	Analysis of the Most Severe Flood Events in Turkey (1960â€“2014): Which Triggering Mechanisms and Aggravating Pathways Can be Identified?. <i>Water (Switzerland)</i> , 2020, 12, 1562.	2.7	15
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173	Atmospheric circulation influence on temperature and precipitation individual and compound daily extreme events: Spatial variability and trends over southern South America. <i>Weather and Climate Extremes</i> , 2020, 29, 100267.	4.1	43
174	Moving beyond isolated events. <i>Nature Climate Change</i> , 2020, 10, 583-583.	18.8	2
175	Compound Events under Global Warming: A Dependence Perspective. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	1.9	39
176	No perfect storm for crop yield failure in Germany. <i>Environmental Research Letters</i> , 2020, 15, 104012.	5.2	53
177	Brief communication: The role of using precipitation or river discharge data when assessing global coastal compound flooding. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 1765-1782.	3.6	38
178	Bivariate Modeling of Hydroclimatic Variables in Humid Tropical Coastal Region Using Archimedean Copulas. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	1.9	10
179	Incorporating natural habitats into coastal risk assessment frameworks. <i>Environmental Science and Policy</i> , 2020, 106, 99-110.	4.9	18
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