Heavy precipitation in a changing climate: Does shortâ€ faster?

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Citation Report

#	Article	IF	Citations
1	Evidence for added value of convectionâ€permitting models for studying changes in extreme precipitation. Journal of Geophysical Research D: Atmospheres, 2015, 120, 12500-12513.	1.2	35
2	Precipitation Extremes Under Climate Change. Current Climate Change Reports, 2015, 1, 49-59.	2.8	480
3	A review on regional convectionâ€permitting climate modeling: Demonstrations, prospects, and challenges. Reviews of Geophysics, 2015, 53, 323-361.	9.0	907
4	A simple scaling approach to produce climate scenarios of local precipitation extremes for the Netherlands. Environmental Research Letters, 2015, 10, 085001.	2.2	75
5	Local impact analysis of climate change on precipitation extremes: are high-resolution climate models needed for realistic simulations?. Hydrology and Earth System Sciences, 2016, 20, 3843-3857.	1.9	53
7	Towards European-scale convection-resolving climate simulations with GPUs: a study with COSMO 4.19. Geoscientific Model Development, 2016, 9, 3393-3412.	1.3	78
8	The characteristics of summer sub-hourly rainfall over the southern UK in a high-resolution convective permitting model. Environmental Research Letters, 2016, 11, 094024.	2.2	30
9	Hazardous thunderstorm intensification over Lake Victoria. Nature Communications, 2016, 7, 12786.	5.8	87
10	Linkage Between Hourly Precipitation Events and Atmospheric Temperature Changes over China during the Warm Season. Scientific Reports, 2016, 6, 22543.	1.6	59
11	Spatial and Temporal Variability of Rainfall in the Alpsâ€“Mediterranean Euroregion. Journal of Applied Meteorology and Climatology, 2016, 55, 655-671.	0.6	13
12	Changes in the largeâ€scale thermodynamic instability and connection with rain shower frequency over Romania: verification of the Clausiusâ€“Clapeyron scaling. International Journal of Climatology, 2016, 36, 2015-2034.	1.5	30
13	Characterizing Uncertainty of the Hydrologic Impacts of Climate Change. Current Climate Change Reports, 2016, 2, 55-64.	2.8	159
14	Intensification of convective extremes driven by cloudâ€“cloud interaction. Nature Geoscience, 2016, 9, 748-752.	5.4	65
15	Attribution of extreme weather and climate events overestimated by unreliable climate simulations. Geophysical Research Letters, 2016, 43, 2158-2164.	1.5	54
16	Enhanced summer convective rainfall at Alpine high elevations in response to climate warming. Nature Geoscience, 2016, 9, 584-589.	5.4	197
17	Observed heavy precipitation increase confirms theory and early models. Nature Climate Change, 2016, 6, 986-991.	8.1	444
18	Rising Mediterranean Sea Surface Temperatures Amplify Extreme Summer Precipitation in Central Europe. Scientific Reports, 2016, 6, 32450.	1.6	72
19	Comparison between high-resolution climate simulations using single- and double-nesting approaches within the Big-Brother experimental protocol. Climate Dynamics, 2016, 47, 3613-3626.	1.7	14

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20	Percentile indices for assessing changes in heavy precipitation events. Climatic Change, 2016, 137, 201-216.	1.7	197
21	Searching for Added Value in Simulating Climate Extremes with a High-Resolution Regional Climate Model over Western Canada. Atmosphere - Ocean, 2016, 54, 364-384.	0.6	6
22	Spatial and Temporal Characteristics of Summer Precipitation over Central Europe in a Suite of High-Resolution Climate Models. Journal of Climate, 2016, 29, 3501-3518.	1.2	50
23	Downturn in scaling of UK extreme rainfall with temperature for future hottest days. Nature Geoscience, 2016, 9, 24-28.	5.4	112
24	How well can a convection-permitting climate model reproduce decadal statistics of precipitation, temperature and cloud characteristics?. Climate Dynamics, 2016, 47, 3043-3061.	1.7	74
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