

Elisabeth M Stephens

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,271
citations

394421

19
h-index

526287

27
g-index

67
all docs

67
docs citations

67
times ranked

1657
citing authors

#	ARTICLE	IF	CITATIONS
1	Continental and global scale flood forecasting systems. Wiley Interdisciplinary Reviews: Water, 2016, 3, 391-418.	6.5	185
2	Visualizing probabilistic flood forecast information: expert preferences and perceptions of best practice in uncertainty communication. Hydrological Processes, 2013, 27, 132-146.	2.6	100
3	Skilful seasonal forecasts of streamflow over Europe?. Hydrology and Earth System Sciences, 2018, 22, 2057-2072.	4.9	88
4	Assessing the performance of global hydrological models for capturing peak river flows in the Amazon basin. Hydrology and Earth System Sciences, 2019, 23, 3057-3080.	4.9	79
5	The impact of uncertainty in satellite data on the assessment of flood inundation models. Journal of Hydrology, 2012, 414-415, 162-173.	5.4	77
6	Problems with binary pattern measures for flood model evaluation. Hydrological Processes, 2014, 28, 4928-4937.	2.6	74
7	Communicating probabilistic information from climate model ensembles—lessons from numerical weather prediction. Wiley Interdisciplinary Reviews: Climate Change, 2012, 3, 409-426.	8.1	70
8	Developing a global operational seasonal hydro-meteorological forecasting system: GloFAS-Seasonal v1.0. Geoscientific Model Development, 2018, 11, 3327-3346.	3.6	69
9	Action-based flood forecasting for triggering humanitarian action. Hydrology and Earth System Sciences, 2016, 20, 3549-3560.	4.9	62
10	Precipitation and floodiness. Geophysical Research Letters, 2015, 42, 10,316.	4.0	44
11	Improving flood forecasts for better flood preparedness in the UK (and beyond). Geographical Journal, 2014, 180, 310-316.	3.1	40
12	Emergency flood bulletins for Cyclones Idai and Kenneth: A critical evaluation of the use of global flood forecasts for international humanitarian preparedness and response. International Journal of Disaster Risk Reduction, 2020, 50, 101811.	3.9	39
13	Willingness-to-pay for a probabilistic flood forecast: a risk-based decision-making game. Hydrology and Earth System Sciences, 2016, 20, 3109-3128.	4.9	38
14	Global predictability of temperature extremes. Environmental Research Letters, 2018, 13, 054017.	5.2	33
15	Climate Variability Alters Flood Timing Across Africa. Geophysical Research Letters, 2019, 46, 8809-8819.	4.0	31
16	Should seasonal rainfall forecasts be used for flood preparedness?. Hydrology and Earth System Sciences, 2017, 21, 4517-4524.	4.9	29
17	Sensitivity of a hydraulic model to channel erosion uncertainty during extreme flooding. Hydrological Processes, 2015, 29, 261-279.	2.6	26
18	An Efficient Approach for Estimating Streamflow Forecast Skill Elasticity. Journal of Hydrometeorology, 2017, 18, 1715-1729.	1.9	22

#	ARTICLE	IF	CITATIONS
19	How Well Do Operational Numerical Weather Prediction Configurations Represent Hydrology?. Journal of Hydrometeorology, 2019, 20, 1533-1552.	1.9	22
20	Using ensemble reforecasts to generate flood thresholds for improved global flood forecasting. Journal of Flood Risk Management, 2020, 13, e12658.	3.3	21
21	Attribution of Amazon floods to modes of climate variability: A review. Meteorological Applications, 2020, 27, e1949.	2.1	18
22	“Are we talking just a bit of water out of bank? Or is it Armageddon?” Front line perspectives on transitioning to probabilistic fluvial flood forecasts in England. Geoscience Communication, 2020, 3, 203-232.	0.9	15
23	The Met Office Weather Game: investigating how different methods for presenting probabilistic weather forecasts influence decision-making. Geoscience Communication, 2019, 2, 101-116.	0.9	14
24	Influence of ENSO and tropical Atlantic climate variability on flood characteristics in the Amazon basin. Hydrology and Earth System Sciences, 2021, 25, 3875-3895.	4.9	13
25	What is the most useful approach for forecasting hydrological extremes during El Niño?. Environmental Research Communications, 2019, 1, 031002.	2.3	11
26	Assessing the reliability of probabilistic flood inundation model predictions. Hydrological Processes, 2015, 29, 4264-4283.	2.6	10
27	Beyond El Niño: Unsung climate modes drive African floods. Weather and Climate Extremes, 2021, 33, 100345.	4.1	8
28	Communicating and Using Ensemble Flood Forecasts in Flood Incident Management: Lessons from Social Science. , 2019, , 1131-1160.		4
29	Communicating and Using Ensemble Flood Forecasts in Flood Incident Management: Lessons from Social Science. , 2016, , 1-30.		3
30	Identifying the Barriers and Opportunities in the Provision and Use of Weather and Climate Information for Flood Risk Preparedness: The Case of Katakwi District, Uganda. Frontiers in Climate, 0, 4, .	2.8	3
31	Epidemiological versus meteorological forecasts: Best practice for linking models to policymaking. International Journal of Forecasting, 2021, 38, 521-521.	6.5	0