

# Marc Svoboda

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

5,931  
citations

172207

29  
h-index

288905

40  
g-index

43  
all docs

43  
docs citations

43  
times ranked

4889  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE DROUGHT MONITOR. <i>Bulletin of the American Meteorological Society</i> , 2002, 83, 1181-1190.	1.7	947
2	Monitoring the 1996 Drought Using the Standardized Precipitation Index. <i>Bulletin of the American Meteorological Society</i> , 1999, 80, 429-438.	1.7	893
3	The Lincoln Declaration on Drought Indices: Universal Meteorological Drought Index Recommended. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 485-488.	1.7	624
4	Understanding the complex impacts of drought: A key to enhancing drought mitigation and preparedness. <i>Water Resources Management</i> , 2007, 21, 763-774.	1.9	513
5	Flash Droughts: A Review and Assessment of the Challenges Imposed by Rapid-Onset Droughts in the United States. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 911-919.	1.7	317
6	The effect of the length of record on the standardized precipitation index calculation. <i>International Journal of Climatology</i> , 2005, 25, 505-520.	1.5	273
7	Assessing the evolution of soil moisture and vegetation conditions during the 2012 United States flash drought. <i>Agricultural and Forest Meteorology</i> , 2016, 218-219, 230-242.	1.9	228
8	Flash droughts present a new challenge for subseasonal-to-seasonal prediction. <i>Nature Climate Change</i> , 2020, 10, 191-199.	8.1	210
9	Drought hazard assessment in the context of climate change for South Korea. <i>Agricultural Water Management</i> , 2015, 160, 106-117.	2.4	207
10	Examining Rapid Onset Drought Development Using the Thermal Infrared-Based Evaporative Stress Index. <i>Journal of Hydrometeorology</i> , 2013, 14, 1057-1074.	0.7	205
11	An Intercomparison of Drought Indicators Based on Thermal Remote Sensing and NLDAS-2 Simulations with U.S. Drought Monitor Classifications. <i>Journal of Hydrometeorology</i> , 2013, 14, 1035-1056.	0.7	194
12	Drought indicators revisited: the need for a wider consideration of environment and society. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 516-536.	2.8	161
13	Examining the Relationship between Drought Development and Rapid Changes in the Evaporative Stress Index. <i>Journal of Hydrometeorology</i> , 2014, 15, 938-956.	0.7	115
14	Monitoring the effects of rapid onset of drought on non-irrigated maize with agronomic data and climate-based drought indices. <i>Agricultural and Forest Meteorology</i> , 2014, 191, 1-11.	1.9	83
15	The drought risk atlas: Enhancing decision support for drought risk management in the United States. <i>Journal of Hydrology</i> , 2015, 526, 274-286.	2.3	83
16	Complex influences of meteorological drought time-scales on hydrological droughts in natural basins of the contiguous United States. <i>Journal of Hydrology</i> , 2019, 568, 611-625.	2.3	78
17	Response of crop yield to different time-scales of drought in the United States: Spatio-temporal patterns and climatic and environmental drivers. <i>Agricultural and Forest Meteorology</i> , 2019, 264, 40-55.	1.9	77
18	Facilitating the Use of Drought Early Warning Information through Interactions with Agricultural Stakeholders. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1073-1078.	1.7	64

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19	Using Temporal Changes in Drought Indices to Generate Probabilistic Drought Intensification Forecasts. <i>Journal of Hydrometeorology</i> , 2015, 16, 88-105.	0.7	64
20	Developing a regional drought climatology for the Czech Republic. <i>International Journal of Climatology</i> , 2009, 29, 863-883.	1.5	51
21	Natural and Human Influences on the Link Between Meteorological and Hydrological Drought Indices for a Large Set of Catchments in the Contiguous United States. <i>Water Resources Research</i> , 2018, 54, 6005-6023.	1.7	51
22	Assessing the Evolution of Soil Moisture and Vegetation Conditions during a Flash Droughtâ€“Flash Recovery Sequence over the South-Central United States. <i>Journal of Hydrometeorology</i> , 2019, 20, 549-562.	0.7	50
23	Developing a Remotely Sensed Drought Monitoring Indicator for Morocco. <i>Geosciences (Switzerland)</i> , 2018, 8, 55.	1.0	45
24	Developing a Remote Sensing-Based Combined Drought Indicator Approach for Agricultural Drought Monitoring over Marathwada, India. <i>Remote Sensing</i> , 2020, 12, 2091.	1.8	45
25	Assessing the Vegetation Condition Impacts of the 2011 Drought across the U.S. Southern Great Plains Using the Vegetation Drought Response Index (VegDRI). <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 153-169.	0.6	43
26	The Vegetation Outlook (VegOut): A New Method for Predicting Vegetation Seasonal Greenness. <i>GIScience and Remote Sensing</i> , 2010, 47, 25-52.	2.4	40
27	Developing a satellite-based combined drought indicator to monitor agricultural drought: a case study for Ethiopia. <i>GIScience and Remote Sensing</i> , 2019, 56, 718-748.	2.4	39
28	SMAP Soil Moisture Change as an Indicator of Drought Conditions. <i>Remote Sensing</i> , 2018, 10, 788.	1.8	32
29	Predicting U.S. Drought Monitor States Using Precipitation, Soil Moisture, and Evapotranspiration Anomalies. Part I: Development of a Nondiscrete USDM Index. <i>Journal of Hydrometeorology</i> , 2017, 18, 1943-1962.	0.7	31
30	Agricultural Drought Assessment in East Asia Using Satellite-Based Indices. <i>Remote Sensing</i> , 2020, 12, 444.	1.8	31
31	Establishing Relationships between Drought Indices and Wildfire Danger Outputs: A Test Case for the California-Nevada Drought Early Warning System. <i>Climate</i> , 2019, 7, 52.	1.2	28
32	Development of a Flash Drought Intensity Index. <i>Atmosphere</i> , 2021, 12, 741.	1.0	25
33	Developing the vegetation drought response index for South Korea (VegDRI-SKorea) to assess the vegetation condition during drought events. <i>International Journal of Remote Sensing</i> , 2018, 39, 1548-1574.	1.3	21
34	Predicting the U.S. Drought Monitor Using Precipitation, Soil Moisture, and Evapotranspiration Anomalies. Part II: Intraseasonal Drought Intensification Forecasts. <i>Journal of Hydrometeorology</i> , 2017, 18, 1963-1982.	0.7	19
35	Developing a strategy for the national coordinated soil moisture monitoring network. <i>Vadose Zone Journal</i> , 2021, 20, e20139.	1.3	13
36	Forecasting Rapid Drought Intensification Using the Climate Forecast System (CFS). <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8365-8373.	1.2	11

#	ARTICLE	IF	CITATIONS
37	Critical Analysis of the Value of Drought Information and Impacts on Land Management and Public Health. <i>Water (Switzerland)</i> , 2020, 12, 1064.	1.2	7
38	Forest Drought Response Index (ForDRI): A New Combined Model to Monitor Forest Drought in the Eastern United States. <i>Remote Sensing</i> , 2020, 12, 3605.	1.8	4
39	The Drought Monitor Comes of Age. <i>Weatherwise</i> , 2021, 74, 29-37.	0.1	2
40	Valuation of Drought Information: Understanding the Value of the US Drought Monitor in Land Management. <i>Water (Switzerland)</i> , 2021, 13, 112.	1.2	2