

Dave D White

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

2,080
citations

25
h-index

43
g-index

88
ext. papers

2,446
ext. citations

3.8
avg, IF

5.34
L-index

#	Paper	IF	Citations
83	An overview of current applications, challenges, and future trends in distributed process-based models in hydrology. <i>Journal of Hydrology</i> , 2016 , 537, 45-60	6	242
82	Credibility, salience, and legitimacy of boundary objects: water managers' assessment of a simulation model in an immersive decision theater. <i>Science and Public Policy</i> , 2010 , 37, 219-232	1.8	183
81	A Structural Model of Leisure Constraints Negotiation in Outdoor Recreation. <i>Leisure Sciences</i> , 2008 , 30, 342-359	1.4	164
80	Effects of place identity, place dependence, and experience-use history on perceptions of recreation impacts in a natural setting. <i>Environmental Management</i> , 2008 , 42, 647-57	3.1	88
79	Real-world hydrologic assessment of a fully-distributed hydrological model in a parallel computing environment. <i>Journal of Hydrology</i> , 2011 , 409, 483-496	6	77
78	Divergent perspectives on water resource sustainability in a public policy science context. <i>Environmental Science and Policy</i> , 2009 , 12, 1012-1023	6.2	61
77	Water Managers' Perceptions of the Science Policy Interface in Phoenix, Arizona: Implications for an Emerging Boundary Organization. <i>Society and Natural Resources</i> , 2008 , 21, 230-243	2.4	61
76	Fail-safe and safe-to-fail adaptation: decision-making for urban flooding under climate change. <i>Climatic Change</i> , 2017 , 145, 397-412	4.5	52
75	Stakeholder Analysis for the Food-Energy-Water Nexus in Phoenix, Arizona: Implications for Nexus Governance. <i>Sustainability</i> , 2017 , 9, 2204	3.6	50
74	Participatory geographic information systems for the co-production of science and policy in an emerging boundary organization. <i>Environmental Science and Policy</i> , 2011 , 14, 977-985	6.2	47
73	Motive-Based Tourist Market Segmentation: An Application to Native American Cultural Heritage Sites in Arizona, USA. <i>Journal of Heritage Tourism</i> , 2006 , 1, 81-99	1.8	45
72	A modeling approach reveals differences in evapotranspiration and its partitioning in two semiarid ecosystems in Northwest Mexico. <i>Water Resources Research</i> , 2014 , 50, 3229-3252	5.4	40
71	Comparing Focus Group and Individual Responses on Sensitive Topics: A Study of Water Decision Makers in a Desert City. <i>Field Methods</i> , 2010 , 22, 88-110	2.5	39
70	Comparing actual de facto wastewater reuse and its public acceptability: A three city case study. <i>Sustainable Cities and Society</i> , 2016 , 27, 467-474	10.1	37
69	Decision-Making under Uncertainty for Water Sustainability and Urban Climate Change Adaptation. <i>Sustainability</i> , 2015 , 7, 14761-14784	3.6	36
68	Designing collaborative governance: Insights from the drought contingency planning process for the lower Colorado River basin. <i>Environmental Science and Policy</i> , 2019 , 91, 39-49	6.2	35
67	Urban adaptation to mega-drought: Anticipatory water modeling, policy, and planning for the urban Southwest. <i>Sustainable Cities and Society</i> , 2016 , 27, 497-504	10.1	33

66	Connecting Visitors to People and Place: Visitors' Perceptions of Authenticity at Canyon de Chelly National Monument, Arizona. <i>Journal of Heritage Tourism</i> , 2008 , 3, 185-202	1.8	32
65	The Role of Physical Exercise in Wilderness Therapy for Troubled Adolescent Women. <i>Journal of Experiential Education</i> , 2006 , 29, 18-37	0.9	31
64	Wilderness Campers' Perception and Evaluation of Campsite Impacts. <i>Journal of Leisure Research</i> , 2001 , 33, 229-250	1.9	31
63	An interpretive study of Yosemite National Park visitors' perspectives toward alternative transportation in Yosemite Valley. <i>Environmental Management</i> , 2007 , 39, 50-62	3.1	30
62	Hard paths, soft paths or no paths? Cross-cultural perceptions of water solutions. <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 109-120	5.5	29
61	Soil moisture downscaling across climate regions and its emergent properties. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		27
60	Water management decision makers' evaluations of uncertainty in a decision support system: the case of WaterSim in the Decision Theater. <i>Journal of Environmental Planning and Management</i> , 2015 , 58, 616-630	2.8	25
59	A metropolitan scale water management analysis of the food-energy-water nexus. <i>Science of the Total Environment</i> , 2020 , 701, 134478	10.2	25
58	GRACE Detected Rise of Groundwater in the Sahelian Niger River Basin. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 10,459	3.6	24
57	Linking stakeholder survey, scenario analysis, and simulation modeling to explore the long-term impacts of regional water governance regimes. <i>Environmental Science and Policy</i> , 2015 , 48, 237-249	6.2	22
56	Transportation Systems as Cultural Landscapes in National Parks: The Case of Yosemite. <i>Society and Natural Resources</i> , 2008 , 21, 797-811	2.4	22
55	A Bibliometric Analysis of Food-Energy-Water Nexus Literature. <i>Sustainability</i> , 2020 , 12, 1112	3.6	21
54	Anger and Sadness: Gendered Emotional Responses to Climate Threats in Four Island Nations. <i>Cross-Cultural Research</i> , 2019 , 53, 58-86	1.7	21
53	Anticipatory modeling for water supply sustainability in Phoenix, Arizona. <i>Environmental Science and Policy</i> , 2016 , 55, 36-46	6.2	20
52	Dimensions of alternative transportation experience in Yosemite and Rocky Mountain National Parks. <i>Journal of Transport Geography</i> , 2013 , 30, 37-46	5.2	20
51	Performance of the CORDEX-Africa regional climate simulations in representing the hydrological cycle of the Niger River basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 12425-12444	4.4	20
50	Temporal Downscaling and Statistical Analysis of Rainfall across a Topographic Transect in Northwest Mexico. <i>Journal of Applied Meteorology and Climatology</i> , 2014 , 53, 910-927	2.7	18
49	Socio-hydrology modelling for an uncertain future, with examples from the USA and Canada. <i>Geological Society Special Publication</i> , 2017 , 408, 183-199	1.7	17

48	Evaluation of Precipitation From EURO-CORDEX Regional Climate Simulations in a Small-Scale Mediterranean Site. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 1604-1625	4.4	17
47	On the diurnal cycle of surface energy fluxes in the North American monsoon region using the WRF-Hydro modeling system. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 9024-9049	4.4	17
46	Research Article: Envisioning the Future of Water Governance: A Survey of Central Arizona Water Decision Makers. <i>Environmental Practice</i> , 2015 , 17, 25-35	0.3	16
45	Utility of coarse and downscaled soil moisture products at L-band for hydrologic modeling at the catchment scale. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	16
44	Modeling the distributed effects of forest thinning on the long-term water balance and streamflow extremes for a semi-arid basin in the southwestern US. <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 1241-1267	5.5	15
43	Development pathways at the agriculture-urban interface: the case of Central Arizona. <i>Agriculture and Human Values</i> , 2015 , 32, 743-759	2.7	14
42	A metropolitan scale analysis of the impacts of future electricity mix alternatives on the water-energy nexus. <i>Applied Energy</i> , 2019 , 256, 113870	10.7	14
41	Towards Water Sensitive Cities in the Colorado River Basin: A Comparative Historical Analysis to Inform Future Urban Water Sustainability Transitions. <i>Sustainability</i> , 2017 , 9, 761	3.6	14
40	An Assessment of Public Perceptions of Climate Change Risk in Three Western U.S. Cities. <i>Weather, Climate, and Society</i> , 2019 , 11, 449-463	2.3	13
39	Framing Water Sustainability in an Environmental Decision Support System. <i>Society and Natural Resources</i> , 2013 , 26, 1365-1373	2.4	13
38	Land and water use changes in the US-Mexico border region, 1992-2011. <i>Environmental Research Letters</i> , 2018 , 13, 114005	6.2	13
37	A climate change projection for summer hydrologic conditions in a semiarid watershed of central Arizona. <i>Journal of Arid Environments</i> , 2015 , 118, 9-20	2.5	12
36	Cross-Cultural Perceptions of Water Risks and Solutions Across Select Sites. <i>Society and Natural Resources</i> , 2016 , 29, 1049-1064	2.4	11
35	Strategies to Improve and Evaluate Physics-Based Hyperresolution Hydrologic Simulations at Regional Basin Scales. <i>Water Resources Research</i> , 2019 , 55, 1129-1152	5.4	10
34	Navigating a Murky Adaptive Comanagement Governance Network: Agua Fria Watershed, Arizona, USA. <i>Ecology and Society</i> , 2013 , 18,	4.1	9
33	De jure versus de facto institutions: trust, information, and collective efforts to manage the invasive mile-a-minute weed (<i>Mikania micrantha</i>). <i>International Journal of the Commons</i> , 2017 , 11, 171	2.2	9
32	Cities of the Southwest are testbeds for urban resilience. <i>Frontiers in Ecology and the Environment</i> , 2019 , 17, 79-80	5.5	8
31	Emotion, Coping, and Climate Change in Island Nations: Implications for Environmental Justice. <i>Environmental Justice</i> , 2017 , 10, 102-107	1.7	8

30	Public Understanding of Science in Pacific Northwest Salmon Recovery Policy. <i>Society and Natural Resources</i> , 2006 , 19, 305-320	2.4	8
29	Evaluation of Coupled Model Intercomparison Project Phase 5 historical simulations in the Colorado River basin. <i>International Journal of Climatology</i> , 2018 , 38, 3861-3877	3.5	8
28	Comparison of Two Watershed Models for Addressing Stakeholder Flood Mitigation Strategies: Case Study of Hurricane Alex in Monterrey, Mxico. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017 , 22, 05017018	1.8	7
27	Co-Producing Interdisciplinary Knowledge and Action for Sustainable Water Governance: Lessons from the Development of a Water Resources Decision Support System in Pernambuco, Brazil. <i>Global Challenges</i> , 2019 , 3, 1800012	4.3	6
26	Comparison of Local, Regional, and Scaling Models for Rainfall Intensity-Duration-Frequency Analysis. <i>Journal of Applied Meteorology and Climatology</i> , 2020 , 59, 1519-1536	2.7	6
25	Cross-cultural Knowledge and Acceptance of Wastewater Reclamation and Reuse Processes across Select Sites. <i>Human Organization</i> , 2019 , 78, 311-324	1.2	6
24	Motivators for treated wastewater acceptance across developed and developing contexts. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2019 , 9, 1-6	1.5	6
23	Toward a resilient organization: analysis of employee skills and organization adaptive traits. <i>Journal of Sustainable Tourism</i> , 2021 , 29, 658-677	5.7	6
22	Propagation of radar rainfall uncertainties into urban pluvial flood modeling during the North American monsoon. <i>Hydrological Sciences Journal</i> ,	3.5	5
21	Closing the Loop of Satellite Soil Moisture Estimation via Scale Invariance of Hydrologic Simulations. <i>Scientific Reports</i> , 2019 , 9, 16123	4.9	4
20	On the Role of Serial Correlation and Field Significance in Detecting Changes in Extreme Precipitation Frequency. <i>Water Resources Research</i> , 2021 , 57, e2021WR030172	5.4	4
19	A social network analysis of collaborative governance for the food-energy-water nexus in Phoenix, AZ, USA. <i>Journal of Environmental Studies and Sciences</i> ,1	0.9	4
18	Climate Change as an Involuntary Exposure: A Comparative Risk Perception Study from Six Countries across the Global Development Gradient. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
17	Wastewater Reclamation Holds a Key for Water Sustainability in Future Urban Development of Phoenix Metropolitan Area. <i>Sustainability</i> , 2019 , 11, 3537	3.6	3
16	Chapter 17 : Sectoral Interdependencies, Multiple Stressors, and Complex Systems. Impacts, Risks, and Adaptation in the United States: The Fourth National Climate Assessment, Volume II 2018 ,		3
15	Understanding barriers to collaborative governance for the food-energy-water nexus: The case of Phoenix, Arizona. <i>Environmental Science and Policy</i> , 2022 , 127, 111-119	6.2	3
14	Public attitudes toward urban water sustainability transitions: a multi-city survey in the western United States. <i>Sustainability Science</i> , 2019 , 14, 1469-1483	6.4	2
13	Common knowledge promotes risk pooling in an experimental economic game. <i>PLoS ONE</i> , 2019 , 14, e0230682	3.7	2

12	Boundary Organizations and Objects Supporting Stakeholders for Decision Making on Sustainable Water Management in Phoenix, Arizona USA. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2018 , 333-352	0.1	2
11	Climate change as catastrophe or opportunity? Climate change framing and implications for water and climate governance in a drought-prone region. <i>Journal of Environmental Studies and Sciences</i> , 2020 , 10, 1-11	0.9	2
10	Investigating Parameter Transferability across Models and Events for a Semiarid Mediterranean Catchment. <i>Water (Switzerland)</i> , 2019 , 11, 2261	3	2
9	The Implications of Global Change for the Co-Evolution of Argentina's Integrated Energy-Water-Land Systems. <i>Earth's Future</i> , 2021 , 9, e2020EF001970	7.9	2
8	Evaluating the effectiveness of land and water integrative practices for achieving water sustainability within the Colorado River Basin: perceptions and indicators. <i>Water International</i> , 2022 , 47, 257-277	2.4	2
7	Exploring the Social, Psychological, and Behavioral Mechanisms of Heat Vulnerability in the City of Phoenix, AZ. <i>Journal of Extreme Events</i> , 2019 , 06, 2050006	1	1
6	Stakeholders and social influence in a shadow network: implications for transitions toward urban water sustainability in the Colorado River basin. <i>Ecology and Society</i> , 2020 , 25,	4.1	1
5	Identifying diverging sustainability meanings for water policy: a Q-method study in Phoenix, Arizona. <i>Water Policy</i> , 2021 , 23, 291-309	1.6	1
4	Facing Change: Understanding Transitions of River Basin Policies Over Time 2021 , 213-240		0
3	Investigating the value of spatiotemporal resolutions and feedback loops in water-energy nexus modeling. <i>Environmental Modelling and Software</i> , 2021 , 145, 105197	5.2	0
2	Stochastic Hybrid Event Based and Continuous Approach to Derive Flood Frequency Curve. <i>Water (Switzerland)</i> , 2021 , 13, 1931	3	
1	An Assessment Framework for Integrated Food-Energy-Water Nexus Governance: Application to the Cases of Phoenix and Cape Town. <i>Society and Natural Resources</i> , 1-21	2.4	