

# Neil S Grigg

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

1,142  
citations

430874

18  
h-index

454955

30  
g-index

88  
all docs

88  
docs citations

88  
times ranked

1056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale water development in the United States: TVA and the California State Water Project. International Journal of Water Resources Development, 2023, 39, 70-88.	2.0	7
2	President Biden's Infrastructure Plan: Does it address needs of water systems in the United States?. International Journal of Water Resources Development, 2022, 38, 346-350.	2.0	5
3	Benefits and Challenges Associated with the Implementation of Lean in Transportation Agencies. Transportation Research Record, 2022, 2676, 186-196.	1.9	2
4	More Papers, More Authors, More References: What Does It Mean for Water Resources Planning and Management?. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	2
5	Economic Framework of Smart and Integrated Urban Water Systems. Smart Cities, 2022, 5, 241-250.	9.4	1
6	Characterizing Influence of Hydrologic Data Correlations on Climate Change Decision Variables: Evidence from Diyala River Basin in Iraq. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	1.9	3
7	Water Infrastructure: Does the US Need a National Policy?. Public Works Management Policy, 2021, 26, 210-219.	1.2	0
8	Nonstationary-Probabilistic Framework to Assess the Water Resources System Vulnerability: Long-Term Robust Planning and Timing. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	2.6	3
9	One Water: How to Define, Explain, and Teach It. Journal of Water Resources Planning and Management - ASCE, 2021, 147, 02521005.	2.6	0
10	The World of Water Is Flat. Journal - American Water Works Association, 2021, 113, 76-78.	0.3	0
11	Transboundary Groundwater Cooperation among Countries of the Arabian Peninsula. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	2.6	4
12	Uncertainty and Legal Foreseeability in Flood Risk Management. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2020, 6, .	1.7	2
13	Development of a Parametric Regional Multivariate Statistical Weather Generator for Risk Assessment Studies in Areas with Limited Data Availability. Climate, 2020, 8, 93.	2.8	6
14	Missouri River Governance: Collective Action and Basin-Wide Problems. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	2.6	2
15	Smart water management: can it improve accessibility and affordability of water for everyone?. Water International, 2020, 45, 608-620.	1.0	4
16	Variable Infiltration-Capacity Model Sensitivity, Parameter Uncertainty, and Data Augmentation for the Diyala River Basin in Iraq. Journal of Hydrologic Engineering - ASCE, 2020, 25, 04020040.	1.9	8
17	Providing Effective Means to Reform the National Flood Insurance Program through Risk Mapping. Journal of Sustainable Water in the Built Environment, 2020, 6, 02520001.	1.6	2
18	Floods, Lawsuits, and Water Infrastructure Management. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2020, 12, 05020004.	1.4	3

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19	Overcoming Obstacles to Deficit Irrigation: Colorado Case Study. Journal of Water Resources Planning and Management - ASCE, 2019, 145, .	2.6	4
20	Is a Stormwater Fee a Rain Tax?. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2019, 11, .	1.4	1
21	Assessing structural uncertainty caused by different weighting methods on the Standardized Drought Vulnerability Index (SDVI). Stochastic Environmental Research and Risk Assessment, 2019, 33, 515-533.	4.0	21
22	IWRM and the Nexus Approach: Versatile Concepts for Water Resources Education. Journal of Contemporary Water Research and Education, 2019, 166, 24-34.	0.7	10
23	Data and Analytics Combat Water Main Failures. Journal - American Water Works Association, 2019, 111, 35-41.	0.3	5
24	Alternative Water Transfer Methods: Review of Colorado Experiences. Journal of Irrigation and Drainage Engineering - ASCE, 2019, 145, .	1.0	3
25	US flood insurance at 50 years: is the public-private partnership working?. Water Policy, 2019, 21, 468-480.	1.5	1
26	Distribution Systems: Has Asset Management Made a Difference?. Journal of Pipeline Systems Engineering and Practice, 2019, 10, .	1.6	2
27	Royce Tipton and the Inflow-Outflow Method of Compact Accounting. Journal of Irrigation and Drainage Engineering - ASCE, 2019, 145, 02519001.	1.0	1
28	Water-Health Nexus: Modeling the Pathways and Barriers to Water-Related Diseases. Water Resources Management, 2019, 33, 319-335.	3.9	2
29	Enhancing the standardized drought vulnerability index by integrating spatiotemporal information from satellite and in situ data. Journal of Hydrology, 2019, 569, 265-277.	5.4	29
30	Global water infrastructure: state of the art review. International Journal of Water Resources Development, 2019, 35, 181-205.	2.0	34
31	Service levels for the four billion people with piped water on premises. Water International, 2018, 43, 531-547.	1.0	7
32	Unbundling Infrastructures to Identify Attractive Public-Private Infrastructure Partnerships in the United States. Journal of Infrastructure Systems, 2018, 24, 02518001.	1.8	4
33	Centralized and Decentralized Strategies for Dual Water Supply: Case Study. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	2.6	18
34	Collaborative, Risk-Informed, Triple Bottom Line, Multi-Criteria Decision Analysis Planning Framework for Integrated Urban Water Management. Water (Switzerland), 2018, 10, 1722.	2.7	13
35	Classifying Drinking Water Systems to Improve Their Effectiveness. Journal - American Water Works Association, 2018, 110, 54-62.	0.3	4
36	Civil Engineering Workforce and Education: Twenty Years of Change. Journal of Professional Issues in Engineering Education and Practice, 2018, 144, .	0.9	3

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37	Drinking Water and Public Health in an Era of Aging Distribution Infrastructure. Public Works Management Policy, 2018, 23, 301-309.	1.2	19
38	Water-food-energy nexus index to maximize the economic water and energy productivity in an optimal cropping pattern. Water International, 2017, 42, 495-503.	1.0	34
39	Water-Food-Energy: Nexus and Non-Nexus Approaches for Optimal Cropping Pattern. Water Resources Management, 2017, 31, 4971-4980.	3.9	52
40	Institutional Analysis of Drinking Water Supply Failure: Lessons from Flint, Michigan. Journal of Professional Issues in Engineering Education and Practice, 2017, 143, .	0.9	4
41	Dynamic Behaviour of the Water-Food-Energy Nexus: Focus on Crop Production and Consumption. Irrigation and Drainage, 2017, 66, 19-33.	1.7	42
42	Delay Claims in Road Construction: Best Practices for a Standard Delay Claims Management System. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2016, 8, .	1.4	6
43	Integrated Water Resource Management. , 2016, , .		23
44	The business of water in a changing world: organizations, connectors and support sector. International Journal of Water Resources Development, 2016, 32, 708-720.	2.0	0
45	Infrastructure Report Card: Purpose and Results. Journal of Infrastructure Systems, 2015, 21, .	1.8	11
46	Causes of Road and Bridge Construction Claims: Analysis of Colorado Department of Transportation Projects. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2015, 7, .	1.4	17
47	Problem Archetypes as Common Ground for Water Resources Management Education. Water Resources Management, 2015, 29, 3535-3550.	3.9	8
48	Managing Water Resources Conflicts: Modelling Behavior in a Decision Tool. Water Resources Management, 2015, 29, 5201-5216.	3.9	32
49	Misalignment of watershed and jurisdictional boundaries: the importance of scale. Water Policy, 2015, 17, 1079-1092.	1.5	4
50	Integrated water resources management: unified process or debate forum?. International Journal of Water Resources Development, 2014, 30, 409-422.	2.0	14
51	The 2011â€“2012 drought in the United States: new lessons from a record event. International Journal of Water Resources Development, 2014, 30, 183-199.	2.0	38
52	Linking drought characteristics to impacts on a spatial and temporal scale. Water Policy, 2014, 16, 1172-1197.	1.5	32
53	Broad, Global, and Multidisciplinary Civil Engineering Education. Journal of Professional Issues in Engineering Education and Practice, 2014, 140, 02513002.	0.9	3
54	Water Management Trade-offs between Agriculture and the Environment: A Multiobjective Approach and Application. Journal of Irrigation and Drainage Engineering - ASCE, 2014, 140, 05014005.	1.0	12

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55	A Framework for an Agent-Based Model to Manage Water Resources Conflicts. <i>Water Resources Management</i> , 2013, 27, 4039-4052.	3.9	74
56	Water Main Breaks: Risk Assessment and Investment Strategies. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2013, 4, .	1.6	14
57	Large-Scale Disasters: Vigilance for the Future. <i>Leadership and Management in Engineering</i> , 2012, 12, 197-198.	0.3	0
58	Jakarta flooding: systems study of socio-technical forces. <i>Water International</i> , 2011, 36, 733-747.	1.0	34
59	Water governance: from ideals to effective strategies. <i>Water International</i> , 2011, 36, 799-811.	1.0	25
60	Capacity building for flood management systems: a conceptual model and case studies. <i>Water International</i> , 2010, 35, 763-778.	1.0	5
61	Failure Assessment Modeling to Prioritize Water Pipe Renewal: Two Case Studies. <i>Journal of Infrastructure Systems</i> , 2009, 15, 162-171.	1.8	52
62	Water and wastewater workforce statsâ€”The case for improving job data. <i>Journal - American Water Works Association</i> , 2009, 101, 67-78.	0.3	1
63	Integrated water resources management: balancing views and improving practice. <i>Water International</i> , 2008, 33, 279-292.	1.0	116
64	Water Sector Structure, Size, and Demographics. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2007, 133, 60-66.	2.6	9
65	Establishing a water law framework: The Colombia example. <i>Water International</i> , 2007, 32, 662-675.	1.0	20
66	Condition Assessment of Water Distribution Pipes. <i>Journal of Infrastructure Systems</i> , 2006, 12, 147-153.	1.8	27
67	Information Technology in Civil Engineering Curriculum. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2005, 131, 26-31.	0.9	9
68	Institutional Analysis of Infrastructure Problems: Case Study of Water Quality in Distribution Systems. <i>Journal of Management in Engineering - ASCE</i> , 2005, 21, 152-158.	4.8	18
69	Review of Water Desalting Planning Guide for Water Utilities by Water Desalting Committee, American Water Works Association. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2004, 130, 424-424.	2.6	3
70	Integrated Civil Engineering Curriculum: Five-Year Review. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2004, 130, 160-165.	0.9	12
71	Review of Water Resources Management by David Stephenson. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2004, 130, 268-268.	2.6	0
72	Colorado's Water: Science and Management, History and Politics. , 2004, , .		1

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73	Review of Water Resources Planning by Andrew A. Dzurik. Journal of Water Resources Planning and Management - ASCE, 2003, 129, 243-243.	2.6	0
74	Water Infrastructure Security: Performance Metrics. , 2003, , 808.		1
75	Review of Water boundaries: Demystifying land boundaries adjacent to tidal or navigable waters by Bruce S. Flushman. Journal of Water Resources Planning and Management - ASCE, 2002, 128, 465-465.	2.6	1
76	Knowledge and Water: Colorado State University's Water History. , 2002, , 99.		0
77	Demographics and Industry Employment of Civil Engineering Workforce. Journal of Professional Issues in Engineering Education and Practice, 2000, 126, 116-124.	0.9	13
78	Public Works Delivery Systems in North America. Public Works Management Policy, 1999, 4, 41-49.	1.2	11
79	Drought and Water Supply Management: Roles and Responsibilities. Journal of Water Resources Planning and Management - ASCE, 1993, 119, 531-541.	2.6	19
80	Role of Water in Urban Ecology. Eos, 1984, 65, 413.	0.1	0
81	Urgent problems in the transfer of water resources knowledge. Journal of Hydrology, 1981, 51, 277-281.	5.4	2
82	ORDER CLASSIFICATION OF URBAN CATCHMENTS. Journal of the American Water Resources Association, 1978, 14, 63-71.	2.4	1
83	AN APPROXIMATE METHOD FOR SIZING DETENTION RESERVOIRS. Journal of the American Water Resources Association, 1978, 14, 956-965.	2.4	20
84	STATE-OF-THE-ART OF ESTIMATING FLOOD DAMAGE IN URBAN AREAS. Journal of the American Water Resources Association, 1975, 11, 379-390.	2.4	66
85	Governance and Management for Sustainable Water Systems. Water Intelligence Online, 0, 9, .	0.3	12
86	Fifty years of water research: has it made a difference?. Water International, 0, , 1-12.	1.0	4