Jamie Pittock

List of Publications by Year
in descending order

118 papers	3,877 citations	136940 32 h-index	144002 57 g-index
127 all docs	127 docs citations	127 times ranked	4822 citing authors

#	Article	IF	Citations
1	The Energyâ€“Water Nexus: Managing the Links between Energy and Water for a Sustainable Future. Ecology and Society, 2012, 17, .	2.3	335
2	Global insights into water resources, climate change and governance. Nature Climate Change, 2013, 3, 315-321.	18.8	285
3	Riparian Ecosystems in the 21st Century: Hotspots for Climate Change Adaptation?. Ecosystems, 2013, 16, 359-381.	3.4	275
4	Dams on the Mekong River: Lost fish protein and the implications for land and water resources. Global Environmental Change, 2012, 22, 925-932.	7.8	241
5	Australia's Murray - Darling Basin: freshwater ecosystem conservation options in an era of climate change. Marine and Freshwater Research, 2011, 62, 232.	1.3	170
6	Essential Biodiversity Variables for measuring change in global freshwater biodiversity. Biological Conservation, 2017, 213, 272-279.	4.1	114
7	Regional Variation in Water-Related Impacts of Shale Gas Development and Implications for Emerging International Plays. Environmental Science & Technology, 2014, 48, 8298-8306.	10.0	111
8	Taking a second look: climate change, periodic relicensing and improved management of dams. Marine and Freshwater Research, 2011, 62, 312.	1.3	86
9	Running dry: Freshwater biodiversity, protected areas and climate change. Biodiversity, 2008, 9, 30-38.	1.1	84
10	Australian Climate, Energy and Water Policies: conflicts and synergies. Australian Geographer, 2013, 44, 3-22.	1.7	74
11	National Climate Change Policies and Sustainable Water Management: Conflicts and Synergies. Ecology and Society, 2011, 16, .	2.3	73
12	Achieving Aichi Biodiversity Target 11 to improve the performance of protected areas and conserve freshwater biodiversity. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 133-151.	2.0	72
13	The state of the application of ecosystems services in Australia. Ecosystem Services, 2012, 1, 111-120.	5.4	57
14	Beguiling and risky: â€˜environmental works and measuresâ€™ for wetland conservation under a changing climate. Hydrobiologia, 2013, 708, 111-131.	2.0	55
15	Policy considerations for managing wetlands under a changing climate. Marine and Freshwater Research, 2017, 68, 1803.	1.3	55
16	Water Planning and Hydro-Climatic Change in the Murray-Darling Basin, Australia. Ambio, 2014, 43, 1082-1092.	5.5	51
17	Fish consumption on the Amazon: a review of biodiversity, hydropower and food security issues. Brazilian Journal of Biology, 2019, 79, 345-357.	0.9	51
18	Culturally significant fisheries: keystones for management of freshwater social-ecological systems. Ecology and Society, 2016, 21, .	2.3	50

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19	The critical role of risk in setting directions for water, food and energy policy and research. Current Opinion in Environmental Sustainability, 2016, 23, 12-16.	6.3	50
20	The water impacts of climate change mitigation measures. Climatic Change, 2014, 125, 209-220.	3.6	47
21	Responding to Global Challenges in Food, Energy, Environment and Water: Risks and Options Assessment for Decisionâ€Making. Asia and the Pacific Policy Studies, 2016, 3, 275-299.	1.5	45
22	Integrating climate change adaptation and climate-related disaster risk-reduction policy in developing countries: A case study in the Philippines. Climate and Development, 2017, 9, 471-478.	3.9	45
23	Environmental water requirements: demand management in an era of water scarcity. Journal of Integrative Environmental Sciences, 2010, 7, 75-93.	2.5	44
24	Impacts of feral horses in the Australian Alps and evidenceâ€based solutions. Ecological Management and Restoration, 2019, 20, 63-72.	1.5	43
25	Australia Demonstrates the Planet's Future: Water and Climate in the Murrayâ€“Darling Basin. International Journal of Water Resources Development, 2010, 26, 561-578.	2.0	42
26	Renewal ecology: conservation for the Anthropocene. Restoration Ecology, 2017, 25, 674-680.	2.9	41
27	A scale-based framework to understand the promises, pitfalls and paradoxes of irrigation efficiency to meet major water challenges. Global Environmental Change, 2020, 65, 102182.	7.8	40
28	Social learning through rural communities of practice: Empirical evidence from farming households in the Vietnamese Mekong Delta. Learning, Culture and Social Interaction, 2018, 16, 31-44.	1.8	39
29	Modeling the Hydropowerâ€“Food Nexus in Large River Basins: A Mekong Case Study. Water (Switzerland), 2016, 8, 425.	2.7	37
30	The dynamics of the relationship between household decision-making and farm household income in small-scale irrigation schemes in southern Africa. Agricultural Water Management, 2019, 213, 135-145.	5.6	37
31	A trickle, not a flood: environmental watering in the Murrayâ€“Darling Basin, Australia. Marine and Freshwater Research, 2021, 72, 601.	1.3	37
32	Lessons for climate change adaptation from better management of rivers. Climate and Development, 2009, 1, 194-211.	3.9	36
33	Why we disagree about the Murrayâ€“Darling Basin Plan: water reform, environmental knowledge and the science-policy decision context. Australian Journal of Water Resources, 2019, 23, 88-98.	2.7	36
34	Tackling Trade-offs in the Nexus of Water, Energy and Food. Aquatic Procedia, 2015, 5, 58-68.	0.9	32
35	Managing hydroclimatic risks in federal rivers: a diagnostic assessment. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120415.	3.4	30
36	The MEPPP Framework: A Framework for Monitoring and Evaluating Participatory Planning Processes. Environmental Management, 2016, 57, 79-96.	2.7	30

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37	A pale reflection of political reality: Integration of global climate, wetland, and biodiversity agreements. Climate Law, 2010, 1, 343-373.	0.6	29
38	Impacts of rice intensification on rural households in the Mekong Delta: emerging relationships between agricultural production, wild food supply and food consumption. Food Security, 2018, 10, 1615-1629.	5.3	27
39	Institutional challenges of adopting ecosystem-based adaptation to climate change. Regional Environmental Change, 2016, 16, 487-499.	2.9	26
40	The Mekong River: trading off hydropower, fish, and food. Regional Environmental Change, 2017, 17, 2443-2453.	2.9	26
41	Understanding the spatial diversity of social uses, dynamics, and conflicts in marine spatial planning. Journal of Environmental Management, 2019, 246, 929-940.	7.8	25
42	Linking the social to the ecological using GIS methods in marine spatial planning and management to support resilience: A review. Marine Policy, 2019, 108, 103657.	3.2	25
43	Freshwater management and climate change adaptation: Experiences from the central Yangtze in China. Climate and Development, 2009, 1, 241-248.	3.9	23
44	Irrigating Africa: policy barriers and opportunities for enhanced productivity of smallholder farmers. International Journal of Water Resources Development, 2017, 33, 824-838.	2.0	23
45	China: A New Trajectory Prioritizing Rural Rather Than Urban Development?. Land, 2021, 10, 514.	2.9	23
46	Dikes, rice, and fish: how rapid changes in land use and hydrology have transformed agriculture and subsistence living in the Mekong Delta. Regional Environmental Change, 2019, 19, 2069-2077.	2.9	21
47	DESIGNING THE GREEN CLIMATE FUND: HOW TO SPEND $100 BILLION SENSIBLY. Environment, 2011, 53, 18-31.	1.4	20
48	Lessons from adaptation to sustain freshwater environments in the Murrayâ€“Darling Basin, Australia. Wiley Interdisciplinary Reviews: Climate Change, 2013, 4, 429-438.	8.1	20
49	A Participatory Planning Process as an Arena for Facilitating Institutional Bricolage: Example from the Rwenzori Region, Uganda. Society and Natural Resources, 2015, 28, 995-1012.	1.9	20
50	Improving the role of river basin organisations in sustainable river basin governance by linking social institutional capacity and basin biophysical capacity. Current Opinion in Environmental Sustainability, 2018, 33, 70-79.	6.3	19
51	Adaptive co-management in the Vietnamese Mekong Delta: examining the interface between flood management and adaptation. International Journal of Water Resources Development, 2019, 35, 326-342.	2.0	19
52	Human dimensions of environmental change in small island developing states: some common themes. Regional Environmental Change, 2017, 17, 949-958.	2.9	17
53	Exploring the productivity and profitability of small-scale communal irrigation systems in Sub-Saharan Africa. International Journal of Water Resources Development, 2017, 33, 685-689.	2.0	17
54	Limiting the effects of hydropower dams on freshwater biodiversity: options on the Lancang River, China. Marine and Freshwater Research, 2019, 70, 169.	1.3	17

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55	The role of coastal processes in the management of the mouth of the River Murray, Australia: Present and future challenges. River Research and Applications, 2020, 36, 656-667.	1.7	17
56	Transforming failing smallholder irrigation schemes in Africa: a theory of change. International Journal of Water Resources Development, 2020, 36, S1-S19.	2.0	16
57	Policy changes in dam construction and biodiversity conservation in the Yangtze River Basin, China. Marine and Freshwater Research, 2021, 72, 228.	1.3	16
58	Mind the Gap! Reconciling Environmental Water Requirements with Scarcity in the Murrayâ€“Darling Basin, Australia. Water (Switzerland), 2022, 14, 208.	2.7	16
59	Communal irrigation systems in South-Eastern Africa: findings on productivity and profitability. International Journal of Water Resources Development, 2017, 33, 839-847.	2.0	15
60	A review of the impacts of pumped hydro energy storage construction on subalpine and alpine biodiversity: lessons for the Snowy Mountains pumped hydro expansion project. Australian Geographer, 2020, 51, 53-68.	1.7	15
61	Adaptive flood governance in the Vietnamese Mekong Delta: A policy innovation of the North Vam Nao scheme, An Giang Province. Environmental Science and Policy, 2020, 108, 45-55.	4.9	15
62	Climate change adaptation in the Murray-Darling Basin: Reducing resilience of wetlands with engineering. Australian Journal of Water Resources, 2013, 17, 161-169.	2.7	14
63	Irrigatorsâ€™ willingness to pay for the adoption of soil moisture monitoring tools in South-Eastern Africa. International Journal of Water Resources Development, 2020, 36, S246-S267.	2.0	14
64	Ecologically sustainable development in broader retrospect and prospect: evaluating national framework policies against climate adaptation imperatives. Australasian Journal of Environmental Management, 2015, 22, 62-76.	1.1	12
65	â€˜Sustainability of what, for whom? A critical analysis of Chinese development induced displacement and resettlement (DIDR) programs. Land Use Policy, 2022, 115, 106043.	5.6	12
66	Are we adapting to climate change? A catchment-based adaptation assessment tool for freshwater ecosystems. Climatic Change, 2016, 138, 641-654.	3.6	11
67	Integration of ecosystem-based adaptation to climate change policies in Viet Nam. Climatic Change, 2017, 142, 97-111.	3.6	10
68	Looking beyond fishing: Conservation of keystone freshwater species to support a diversity of socioâ€€economic values. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 1424-1433.	2.0	10
69	Using an ecosystem services approach to re-frame the management of flow constraints in a major regulated river basin. Australian Journal of Water Resources, 2020, , 1-12.	2.7	10
70	Freshwater Ecosystems in Protected Areas. , 0, , .		10
71	Pumped Storage Hydropower for Sustainable and Low-Carbon Electricity Grids in Pacific Rim Economies. Energies, 2022, 15, 3139.	3.1	10
72	Participatory river basin management in the SÃ£o JoÃ£o River, Brazil: A basis for climate change adaptation?. Climate and Development, 2009, 1, 261-268.	3.9	9

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73	Managing frame diversity in environmental participatory processes â€“ Example from the Fogera woreda in Ethiopia. Journal of Environmental Management, 2016, 177, 288-297.	7.8	8
74	Four challenges in selecting and implementing methods to monitor and evaluate participatory processes: Example from the Rwenzori region, Uganda. Journal of Environmental Management, 2016, 180, 504-516.	7.8	8
75	Managing Rather Than Avoiding â€œDifficultiesâ€•in Building Landscape Resilience. Sustainability, 2021, 13, 2629.	3.2	8
76	Using GIS fuzzy-set modelling to integrate social-ecological data to support overall resilience in marine protected area spatial planning: A case study. Ocean and Coastal Management, 2021, 212, 105745.	4.4	8
77	Climate, Energy and Water. , 2015, , .		8
78	Water Infrastructure Development in Nigeria: Trend, Size, and Purpose. Water (Switzerland), 2021, 13, 2416.	2.7	7
79	Ecosystem Services and Management Strategy in China. , 2014, , .		6
80	Are we there yet? The Murray-Darling Basin and sustainable water management. Thesis Eleven, 2019, 150, 119-130.	0.9	6
81	Governing the Murray-Darling Basin: Integrating social and biophysical indicators for better environmental outcomes. Environmental Science and Policy, 2021, 124, 101-114.	4.9	5
82	The dark side of ambition: side-effects of Chinaâ€™s climate policy. Environmental Research Letters, 2021, 16, 111001.	5.2	5
83	Development and Implementation of Conservation Law in Australia. Review of European Community and International Environmental Law, 2001, 10, 296-308.	0.6	4
84	Cross-sectoral governance of the climate, energy and water sectors: A â€˜Rubik's cubeâ€™ analysis of cross-sectoral co-ordination. , 2015, , 172-197.		4
85	Drivers of Environmental Institutional Dynamics in Decentralized African Countries. Environmental Management, 2015, 56, 1428-1447.	2.7	4
86	Beyond fertilizer for closing yield gaps in sub-Saharan Africa. Nature Food, 2021, 2, 756-757.	14.0	4
87	Why a special issue on adaptation and water management?. Climate and Development, 2009, 1, 191-193.	3.9	3
88	Hydropower within the climate, energy and water nexus. , 2015, , 79-107.		3
89	Biodiversity and the climate, energy and water nexus. , 2015, , 283-302.		3
90	Justifying, extending and applying â€œnexusâ€•thinking in the quest for sustainable development. , 2015, , 1-5.		3

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91	Changing the development paradigm in African agricultural water management to resolve water and food challenges. Water International, 0, , 1-18.	1.0	3
92	Unfortunate diversions: a policy discourse analysis on the adjustment of the volume of water returned to the environment in the Murray-Darling Basin, Australia. Australian Journal of Water Resources, 2023, 27, 132-148.	2.7	3
93	Federal rivers: a critical overview of water governance challenges in federal systems. , 2014, , .		2
94	A nexus of nexuses: systemic governance for climate response. , 0, , 253-267.		2
95	Water and biofuels. , 2015, , 108-122.		2
96	Groundwater Management Under Global Change: Sustaining Biodiversity, Energy and Food Supplies. , 2016, , 75-96.		2
97	Trade-Offs Between Hydropower Development and Food Security in River Management. , 2019, , 53-68.		2
98	A diagnostic framework to assess theÂgovernance of the SÃ£o Francisco River Basin Committee, Brazil. , 2020, 6, 8-37.		2
99	The paradoxical values of traditional deep water floating rice systems. Global Food Security, 2020, 26, 100391.	8.1	2
100	Greenhouse gas implications of replacing fish protein with beef in the lower Mekong Basin. Asia Pacific Viewpoint, 2020, 61, 315-326.	1.4	2
101	River Basin Management to Conserve Wetlands and Water Resources. Ecological Studies, 2006, , 169-196.	1.2	2
102	Responses to Cyclone Warnings: The Case of Cyclone Mora (2017) in Bangladesh. Sustainability, 2021, 13, 11012.	3.2	2
103	A review of Australian institutions for riparian adaptation to climate change. Journal of Water and Climate Change, 2014, 5, 315-327.	2.9	1
104	Regulation of the nexus. , 0, , 198-217.		1
105	Future prospects in climate, energy and water research and policy. , 2015, , 324-336.		1
106	The Murrayâ€“Darling Basin: Climate Change, Infrastructure, and Water. Water Resources Development and Management, 2016, , 41-59.	0.4	1
107	Climate Change and Sustainable Water Management. , 2013, , 138-156.		1
108	Transboundary Water Management in Federal Political Systems: A Story of Three Semi-arid Rivers. Springer Water, 2014, , 343-353.	0.3	1

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109	Murray-Darling Basin: Conservation and Law. , 2018, , 561-569.		1
110	Strategies to manage stream flow to benefit people and nature: a non-government conservation organisation's perspective. Water Science and Technology, 2004, 49, 89-95.	2.5	0
111	Climate Change and Sustainable Water Management. , 0, , .		0
112	Climate adaptation in river management in a post-stationary world. , 2014, , .		0
113	Use of the Ramsar Convention to protect springs and other wetlands. Conservation Biology, 2021, 35, 1969-1971.	4.7	0
114	Hydropower. , 2021, , 125-138.		0
115	Murrayâ€“Darling River Basin (Australia). , 2016, , 1-11.		0
116	Murray-Darling Basin: Conservation and Law. , 2016, , 1-9.		0
117	Murray-Darling River Basin (Australia). , 2018, , 1887-1896.		0
118	Snowy River environmental flows post-2002: lessons to be learnt. Marine and Freshwater Research, 2022, , .	1.3	0