

Declan Conway

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

12,028
citations

43973

48
h-index

30848

102
g-index

115
all docs

115
docs citations

115
times ranked

13443
citing authors

#	ARTICLE	IF	CITATIONS
1	Delivering the Sustainable Development Goals through development corridors in East Africa: A Q-Methodology approach to imagining development futures. <i>Environmental Science and Policy</i> , 2022, 129, 56-67.	2.4	3
2	Stress-testing development pathways under a changing climate: water-energy-food security in the lake Malawi-Shire river system. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210134.	1.6	5
3	Water conservation can reduce future water-energy-food-environment trade-offs in a medium-sized African river basin. <i>Agricultural Water Management</i> , 2022, 266, 107548.	2.4	8
4	The triple differential vulnerability of female entrepreneurs to climate risk in <scp>subâ€Saharan</scp> Africa: Gendered barriers and enablers to private sector adaptation. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2022, 13, .	3.6	3
5	Evaluating the sensitivity of robust water resource interventions to climate change scenarios. <i>Climate Risk Management</i> , 2022, 37, 100442.	1.6	2
6	Climate change projections for UK viticulture to 2040: a focus on improving suitability for Pinot Noir. <i>Oeno One</i> , 2022, 56, 69-87.	0.7	4
7	Conversations About Climate Risk, Adaptation and Resilience in Africa. , 2021, , 147-162.		1
8	High Stakes Decisions Under Uncertainty: Dams, Development and Climate Change in the Rufiji River Basin. , 2021, , 93-113.		1
9	Sensitivity of projected climate impacts to climate model weighting: multi-sector analysis in eastern Africa. <i>Climatic Change</i> , 2021, 164, 1.	1.7	10
10	Climate variability affects water-energy-food infrastructure performance in East Africa. <i>One Earth</i> , 2021, 4, 397-410.	3.6	23
11	Financial Feasibility of Water Conservation in Agriculture. <i>Earth's Future</i> , 2021, 9, e2020EF001726.	2.4	10
12	Identifying drivers of streamflow extremes in West Africa to inform a nonstationary prediction model. <i>Weather and Climate Extremes</i> , 2021, 33, 100346.	1.6	3
13	Key Issues and Progress in Understanding Climate Risk in Africa. , 2021, , 1-16.		0
14	What role for multi-stakeholder partnerships in adaptation to climate change? Experiences from private sector adaptation in Kenya. <i>Climate Risk Management</i> , 2021, 32, 100319.	1.6	10
15	Re-balancing climate services to inform climate-resilient planning â€ A conceptual framework and illustrations from sub-Saharan Africa. <i>Climate Risk Management</i> , 2020, 29, 100242.	1.6	19
16	Assessing River Basin Development Given Waterâ€Energyâ€Foodâ€Environment Interdependencies. <i>Earth's Future</i> , 2020, 8, e2019EF001464.	2.4	30
17	Evolution of national climate adaptation agendas in Malawi, Tanzania and Zambia: the role of national leadership and international donors. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	12
18	Applications of interannual-to-decadal climate prediction: An exploratory discussion on rainfall in the Sahel region of Africa. <i>Climate Services</i> , 2020, 18, 100170.	1.0	2

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19	Lake Malawi's threshold behaviour: A stakeholder-informed model to simulate sensitivity to climate change. <i>Journal of Hydrology</i> , 2020, 584, 124671.	2.3	21
20	Private adaptation in semi-arid lands: a tailored approach to "leave no one behind". <i>Global Sustainability</i> , 2020, 3, .	1.6	4
21	Multi-scale analysis of the water-energy-food nexus in the Gulf region. <i>Environmental Research Letters</i> , 2020, 15, 094024.	2.2	17
22	Resilience to climate shocks in the tropics. <i>Environmental Research Letters</i> , 2020, 15, 100203.	2.2	6
23	The need for bottom-up assessments of climate risks and adaptation in climate-sensitive regions. <i>Nature Climate Change</i> , 2019, 9, 503-511.	8.1	130
24	Mobility endowment and entitlements mediate resilience in rural livelihood systems. <i>Global Environmental Change</i> , 2019, 54, 172-183.	3.6	40
25	Agricultural groundwater management strategies and seasonal climate forecasting: perceptions from Mogwadi (Dendron), Limpopo, South Africa. <i>Journal of Water and Climate Change</i> , 2019, 10, 142-157.	1.2	9
26	Building narratives to characterise uncertainty in regional climate change through expert elicitation. <i>Environmental Research Letters</i> , 2018, 13, 074005.	2.2	33
27	Water Resource Planning Under Future Climate and Socioeconomic Uncertainty in the Cauvery River Basin in Karnataka, India. <i>Water Resources Research</i> , 2018, 54, 708-728.	1.7	83
28	Climate change and the water-energy-food nexus: insights from policy and practice in Tanzania. <i>Climate Policy</i> , 2018, 18, 863-877.	2.6	86
29	Hydrological Response and Complex Impact Pathways of the 2015/2016 El Niño in Eastern and Southern Africa. <i>Earth's Future</i> , 2018, 6, 2-22.	2.4	46
30	Designing the next generation of climate adaptation research for development. <i>Regional Environmental Change</i> , 2018, 18, 297-304.	1.4	27
31	Business experience of floods and drought-related water and electricity supply disruption in three cities in sub-Saharan Africa during the 2015/2016 El Niño. <i>Global Sustainability</i> , 2018, 1, .	1.6	35
32	Going local: Evaluating and regionalizing a global hydrological model's simulation of river flows in a medium-sized East African basin. <i>Journal of Hydrology: Regional Studies</i> , 2018, 19, 349-364.	1.0	13
33	How do staff motivation and workplace environment affect capacity of governments to adapt to climate change in developing countries?. <i>Environmental Science and Policy</i> , 2018, 90, 46-53.	2.4	14
34	From advocacy to action: Projecting the health impacts of climate change. <i>PLoS Medicine</i> , 2018, 15, e1002624.	3.9	26
35	Transmission of climate risks across sectors and borders. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170301.	1.6	74
36	Characterizing half-a-degree difference: a review of methods for identifying regional climate responses to global warming targets. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2017, 8, e457.	3.6	177

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37	Future Nile river flows. <i>Nature Climate Change</i> , 2017, 7, 319-320.	8.1	20
38	Evolving Discourses on Water Resource Management and Climate Change in the Equatorial Nile Basin. <i>Journal of Environment and Development</i> , 2017, 26, 186-213.	1.6	4
39	Subjective measures of climate resilience: What is the added value for policy and programming?. <i>Global Environmental Change</i> , 2017, 46, 17-22.	3.6	45
40	Hydropower plans in eastern and southern Africa increase risk of concurrent climate-related electricity supply disruption. <i>Nature Energy</i> , 2017, 2, 946-953.	19.8	83
41	Regional disparities in the beneficial effects of rising CO2 concentrations on crop water productivity. <i>Nature Climate Change</i> , 2016, 6, 786-790.	8.1	190
42	Barriers and opportunities for robust decision making approaches to support climate change adaptation in the developing world. <i>Climate Risk Management</i> , 2016, 14, 1-10.	1.6	88
43	Water resources transfers through southern African food trade: water efficiency and climate signals. <i>Environmental Research Letters</i> , 2016, 11, 015005.	2.2	16
44	Co-benefits and trade-offs in the water-energy nexus of irrigation modernization in China. <i>Environmental Research Letters</i> , 2016, 11, 054007.	2.2	24
45	Invention and Diffusion of Water Supply and Water Efficiency Technologies: Insights from a Global Patent Dataset. <i>Water Economics and Policy</i> , 2015, 01, 1550010.	0.3	13
46	Tracing the Water-Energy-Food Nexus: Description, Theory and Practice. <i>Geography Compass</i> , 2015, 9, 445-460.	1.5	342
47	Social vulnerability in three high-poverty climate change hot spots: What does the climate change literature tell us?. <i>Regional Environmental Change</i> , 2015, 15, 783-800.	1.4	81
48	Fresh water goes global. <i>Science</i> , 2015, 349, 478-479.	6.0	175
49	Hard choices and soft outcomes?. <i>Nature Climate Change</i> , 2015, 5, 105-106.	8.1	0
50	Climate and southern Africa's water-energy-food nexus. <i>Nature Climate Change</i> , 2015, 5, 837-846.	8.1	328
51	Climate change and International River Boundaries: fixed points in shifting sands. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2014, 5, 835-848.	3.6	6
52	Strategies for improving adaptation practice in developing countries. <i>Nature Climate Change</i> , 2014, 4, 339-342.	8.1	100
53	Global crop yield response to extreme heat stress under multiple climate change futures. <i>Environmental Research Letters</i> , 2014, 9, 034011.	2.2	474
54	Rural livelihoods and climate variability in Ningxia, Northwest China. <i>Climatic Change</i> , 2013, 119, 891-904.	1.7	24

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55	Limits to Resilience from Livelihood Diversification and Social Capital in Lake Socialâ€“Ecological Systems. <i>Annals of the American Association of Geographers</i> , 2013, 103, 906-924.	3.0	77
56	Assessment of institutional capacity to adapt to climate change in transboundary river basins. <i>Climatic Change</i> , 2013, 121, 755-770.	1.7	36
57	Voices from the frontline: the role of community-generated information in delivering climate adaptation and development objectives at project level. <i>Climate and Development</i> , 2012, 4, 104-113.	2.2	18
58	Chinaâ€™s waterâ€“energy nexus: greenhouse-gas emissions from groundwater use for agriculture. <i>Environmental Research Letters</i> , 2012, 7, 014035.	2.2	152
59	Changes in Climate Extremes and their Impacts on the Natural Physical Environment. , 2012, , 109-230.		1,080
60	Untangling relative contributions of recent climate and CO ₂ trends to national cereal production in China. <i>Environmental Research Letters</i> , 2012, 7, 044014.	2.2	49
61	Greenhouse-gas emissions from energy use in the water sector. <i>Nature Climate Change</i> , 2011, 1, 210-219.	8.1	333
62	Adaptation to climate change in Africa: Challenges and opportunities identified from Ethiopia. <i>Global Environmental Change</i> , 2011, 21, 227-237.	3.6	462
63	Dendrochronology in the dry tropics: the Ethiopian case. <i>Trees - Structure and Function</i> , 2011, 25, 345-354.	0.9	55
64	Adapting climate research for development in Africa. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2011, 2, 428-450.	3.6	44
65	Effects of climate variability and change on Chinese agriculture: a review. <i>Climate Research</i> , 2011, 50, 83-102.	0.4	30
66	Climate change, water availability and future cereal production in China. <i>Agriculture, Ecosystems and Environment</i> , 2010, 135, 58-69.	2.5	144
67	Adaptation to climate change in international river basins in Africa: a review / Adaptation au changement climatique dans les bassins fluviaux internationaux en Afrique: une revue. <i>Hydrological Sciences Journal</i> , 2009, 54, 805-828.	1.2	76
68	River flow modelling in two large river basins with nonâ€“stationary behaviour: the ParanÃ¡ and the Niger. <i>Hydrological Processes</i> , 2009, 23, 3186-3192.	1.1	19
69	Vulnerability of national economies to the impacts of climate change on fisheries. <i>Fish and Fisheries</i> , 2009, 10, 173-196.	2.7	941
70	Rainfall and Water Resources Variability in Sub-Saharan Africa during the Twentieth Century. <i>Journal of Hydrometeorology</i> , 2009, 10, 41-59.	0.7	167
71	Future cereal production in China: The interaction of climate change, water availability and socio-economic scenarios. <i>Global Environmental Change</i> , 2009, 19, 34-44.	3.6	116
72	Ecological citizenship and climate change: perceptions and practice. <i>Environmental Politics</i> , 2009, 18, 503-521.	3.4	107

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73	Cooperation and adaptation to climate change in transboundary river basins in Africa: Evidence from the Nile Basin. IOP Conference Series: Earth and Environmental Science, 2009, 6, 292005.	0.2	3
74	Potential impacts of climate change and climate variability on China's rice yield and production. Climate Research, 2009, 40, 23-35.	0.4	63
75	A crop model cross calibration for use in regional climate impacts studies. Ecological Modelling, 2008, 213, 365-380.	1.2	82
76	Evaluation of CERES-Wheat simulation of Wheat Production in China. Agronomy Journal, 2008, 100, 1720-1728.	0.9	51
77	GCM simulations of the Indian Ocean dipole influence on East African rainfall: Present and future. Geophysical Research Letters, 2007, 34, .	1.5	39
78	Sunspots, El Niño, and the levels of Lake Victoria, East Africa. Journal of Geophysical Research, 2007, 112, .	3.3	57
79	Regional climate model data used within the SWURVE project "1: projected changes in seasonal patterns and estimation of PET. Hydrology and Earth System Sciences, 2007, 11, 1069-1083.	1.9	88
80	A note on the temporal and spatial variability of rainfall in the drought-prone Amhara region of Ethiopia. International Journal of Climatology, 2007, 27, 1467-1477.	1.5	193
81	African Climate Change: Taking the Shorter Route. Bulletin of the American Meteorological Society, 2006, 87, 1355-1366.	1.7	205
82	Climate Change and Natural Resource Management. , 2006, , 85-132.		3
83	Rainfall variability in East Africa: implications for natural resources management and livelihoods. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2005, 363, 49-54.	1.6	78
84	The impact of land use change on soil water holding capacity and river flow modelling in the Nakambe River, Burkina-Faso. Journal of Hydrology, 2005, 300, 33-43.	2.3	225
85	From headwater tributaries to international river: Observing and adapting to climate variability and change in the Nile basin. Global Environmental Change, 2005, 15, 99-114.	3.6	234
86	Over one century of rainfall and temperature observations in Addis Ababa, Ethiopia. International Journal of Climatology, 2004, 24, 77-91.	1.5	136
87	Water balance of Lake Victoria: update to 2000 and climate change modelling to 2100 / Bilan hydrologique du Lac Victoria: mise à jour jusqu'en 2000 et modélisation des impacts du changement climatique jusqu'en 2100. Hydrological Sciences Journal, 2004, 49, .	1.2	47
88	Remote forcing of East African rainfall and relationships with fluctuations in levels of Lake Victoria. International Journal of Climatology, 2003, 23, 67-89.	1.5	56
89	Adaptation to climate change in the developing world. Progress in Development Studies, 2003, 3, 179-195.	1.0	1,274
90	Simulation of the impacts of climate change on groundwater resources in eastern England. Geological Society Special Publication, 2002, 193, 325-344.	0.8	40

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91	Prospects for downscaling seasonal precipitation variability using conditioned weather generator parameters. <i>Hydrological Processes</i> , 2002, 16, 1215-1234.	1.1	52
92	Extreme Rainfall Events and Lake Level Changes in East Africa: Recent Events and Historical Precedents. <i>Advances in Global Change Research</i> , 2002, , 63-92.	1.6	59
93	The Climate and Hydrology of the Upper Blue Nile River. <i>Geographical Journal</i> , 2000, 166, 49-62.	1.6	374
94	Some aspects of climate variability in the north east Ethiopian highlands - Wollo and Tigray. <i>Sinet</i> , 2000, 23, 139.	0.1	48
95	Climatic Variability and Uruguay River Flows. <i>Water International</i> , 2000, 25, 446-456.	0.4	16
96	Air flow influences on local climate: observed and simulated mean relationships for the United Kingdom. <i>Climate Research</i> , 1999, 13, 173-191.	0.4	36
97	The use of weather types and air flow indices for GCM downscaling. <i>Journal of Hydrology</i> , 1998, 212-213, 348-361.	2.3	91
98	Statistical downscaling of general circulation model output: A comparison of methods. <i>Water Resources Research</i> , 1998, 34, 2995-3008.	1.7	668
99	Recent climate variability and future climate change scenarios for. <i>Progress in Physical Geography</i> , 1998, 22, 350-374.	1.4	17
100	A water balance model of the Upper Blue Nile in Ethiopia. <i>Hydrological Sciences Journal</i> , 1997, 42, 265-286.	1.2	142
101	PRECIPITATION IN THE BRITISH ISLES: AN ANALYSIS OF AREA-AVERAGE DATA UPDATED TO 1995. <i>International Journal of Climatology</i> , 1997, 17, 427-438.	1.5	134
102	PRECIPITATION IN THE BRITISH ISLES: AN ANALYSIS OF AREA-AVERAGE DATA UPDATED TO 1995. , 1997, 17, 427.		6
103	The Impacts of Climate Variability and Future Climate Change in the Nile Basin on Water Resources in Egypt. <i>International Journal of Water Resources Development</i> , 1996, 12, 277-296.	1.2	125
104	Precipitation and air flow indices over the British Isles. <i>Climate Research</i> , 1996, 7, 169-183.	0.4	117
105	Climate change scenarios for Great Britain and Europe. <i>Studies in Environmental Science</i> , 1995, 65, 397-400.	0.0	2
106	Construction of a 1961â€“1990 European climatology for climate change modelling and impact applications. <i>International Journal of Climatology</i> , 1995, 15, 1333-1363.	1.5	140
107	Holocene book reviews : The River Nile. <i>Geology, hydrology and utilization. Holocene</i> , 1995, 5, 255-255.	0.9	0
108	The Nile: Sharing A Scarce Resource An Historical and Technical Review of Water Management and of Economical and Legal Issues.. <i>Global Environmental Change</i> , 1995, 5, 162-163.	3.6	0

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109	Title is missing!. Journal of Arid Environments, 1995, 29, 124-125.	1.2	1
110	Recent fluctuations in precipitation and runoff over the Nile sub-basins and their impact on main Nile discharge. Climatic Change, 1993, 25, 127-151.	1.7	164
111	Responding to Floods in the Nile basin: A Case Study of the 1997â€™1998 Floods in the Upper White Nile. , 0, , 181-189.		0