Mike Hulme

List of Publications by Year
in descending order

171 papers	25,134 citations	13865 67 h-index	8396 147 g-index
200 all docs	200 docs citations	200 times ranked	20286 citing authors

#	Article	IF	Citations
1	A high-resolution data set of surface climate over global land areas. Climate Research, 2002, 21, 1-25.	1.1	1,946
2	Are there social limits to adaptation to climate change?. Climatic Change, 2009, 93, 335-354.	3.6	1,812
3	Representing Twentieth-Century Spaceâ€“Time Climate Variability. Part II: Development of 1901â€“96 Monthly Grids of Terrestrial Surface Climate. Journal of Climate, 2000, 13, 2217-2238.	3.2	1,808
4	Representing Twentieth-Century Spaceâ€“Time Climate Variability. Part I: Development of a 1961â€“90 Mean Monthly Terrestrial Climatology. Journal of Climate, 1999, 12, 829-856.	3.2	1,573
5	Adaptation to climate change in the developing world. Progress in Development Studies, 2003, 3, 179-195.	1.7	1,274
6	African climate change: 1900-2100. Climate Research, 2001, 17, 145-168.	1.1	979
7	Precipitation measurements and trends in the twentieth century. International Journal of Climatology, 2001, 21, 1889-1922.	3.5	456
8	Does climate adaptation policy need probabilities?. Climate Policy, 2004, 4, 107-128.	5.1	393
9	A comparison of Lamb circulation types with an objective classification scheme. International Journal of Climatology, 1993, 13, 655-663.	3.5	387
10	Evaporation and potential evapotranspiration in India under conditions of recent and future climate change. Agricultural and Forest Meteorology, 1997, 87, 55-73.	4.8	369
11	Who speaks for the future of Earth? How critical social science can extend the conversation on the Anthropocene. Global Environmental Change, 2015, 32, 211-218.	7.8	364
12	Observed trends in the daily intensity of United Kingdom precipitation. International Journal of Climatology, 2000, 20, 347-364.	3.5	360
13	Reducing the Future to Climate: A Story of Climate Determinism and Reductionism. Osiris, 2011, 26, 245-266.	1.2	353
14	The recent Sahel drought is real. International Journal of Climatology, 2004, 24, 1323-1331.	3.5	343
15	Problems with making and governing global kinds of knowledgeâ˜†. Global Environmental Change, 2010, 20, 558-564.	7.8	323
16	Precipitation sensitivity to global warming: Comparison of observations with HadCM2 simulations. Geophysical Research Letters, 1998, 25, 3379-3382.	4.0	316
17	Assessing the robustness of adaptation decisions to climate change uncertainties: A case study on water resources management in the East of England. Global Environmental Change, 2007, 17, 59-72.	7.8	299
18	Geographical work at the boundaries of climate change. Transactions of the Institute of British Geographers, 2008, 33, 5-11.	2.9	286

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19	Climate change and the Syrian civil war revisited. Political Geography, 2017, 60, 232-244.	2.5	286
20	Relative impacts of human-induced climate change and natural climate variability. Nature, 1999, 397, 688-691.	27.8	282
21	Climatic perspectives on Sahelian desiccation: 1973â€“1998. Global Environmental Change, 2001, 11, 19-29.	7.8	279
22	Rainfall changes in Africa: 1931â€“1960 to 1961â€“1990. International Journal of Climatology, 1992, 12, 685-699.	3.5	256
23	A 1951â€“80 global land precipitation climatology for the evaluation of general circulation models. Climate Dynamics, 1992, 7, 57-72.	3.8	251
24	1.5 Â°C and climate research after the Paris Agreement. Nature Climate Change, 2016, 6, 222-224.	18.8	248
25	Defining and Experiencing Dangerous Climate Change. Climatic Change, 2004, 64, 11-25.	3.6	238
26	The conquering of climate: discourses of fear and their dissolution. Geographical Journal, 2008, 174, 5-16.	3.1	207
27	The Use of Indices to Identify Changes in Climatic Extremes. Climatic Change, 1999, 42, 131-149.	3.6	197
28	Recent Climatic Change in the World's Drylands. Geophysical Research Letters, 1996, 23, 61-64.	4.0	183
29	Do We Need Better Predictions to Adapt to a Changing Climate?. Eos, 2009, 90, 111-112.	0.1	176
30	An iconic approach for representing climate change. Global Environmental Change, 2009, 19, 402-410.	7.8	172
31	Listen to the voices of experience. Nature, 2012, 488, 454-455.	27.8	172
32	Climate migration myths. Nature Climate Change, 2019, 9, 901-903.	18.8	170
33	Recent fluctuations in precipitation and runoff over the Nile sub-basins and their impact on main Nile discharge. Climatic Change, 1993, 25, 127-151.	3.6	164
34	Towards a Reflexive Turn in the Governance of Global Environmental Expertise. The Cases of the IPCC and the IPBES. Gaia, 2014, 23, 80-87.	0.7	155
35	Meet the humanities. Nature Climate Change, 2011, 1, 177-179.	18.8	154
36	Regional warming and malaria resurgence. Nature, 2002, 420, 627-628.	27.8	145

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37	Climate Change and Food Security: Health Impacts in Developed Countries. Environmental Health Perspectives, 2012, 120, 1520-1526.	6.0	145
38	Representing uncertainty in climate change scenarios: a Monte-Carlo approach. Integrated Assessment: an International Journal, 2000, 1, 203-213.	0.8	143
39	Cosmopolitan Climates. Theory, Culture and Society, 2010, 27, 267-276.	2.4	142
40	Attributing weather extremes to â€˜climate changeâ€™. Progress in Physical Geography, 2014, 38, 499-511.	3.2	141
41	Climate prediction: a limit to adaptation?. , 2001, , 64-78.		132
42	Climate data for political areas. Area, 2002, 34, 103-112.	1.6	129
43	The evolution of the IPCC's emissions scenarios. Environmental Science and Policy, 2009, 12, 103-118.	4.9	127
44	Unstable climates: Exploring the statistical and social constructions of â€˜normalâ€™ climate. Geoforum, 2009, 40, 197-206.	2.5	122
45	Adapting to climate change in Africa. Mitigation and Adaptation Strategies for Global Change, 1997, 2, 19-44.	2.1	120
46	Validation of Large-Scale Precipitation Fields in General Circulation Models. , 1994, , 387-405.		120
47	Framing global biodiversity: IPBES between mother earth and ecosystem services. Environmental Science and Policy, 2015, 54, 487-496.	4.9	112
48	What does policy-relevant global environmental knowledge do? The cases of climate and biodiversity. Current Opinion in Environmental Sustainability, 2016, 18, 65-72.	6.3	111
49	Evidence for trends in heavy rainfall events over the UK. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2002, 360, 1313-1325.	3.4	108
50	A co-evolutionary approach to climate change impact assessment: Part I. Integrating socio-economic and climate change scenarios. Global Environmental Change, 2000, 10, 57-68.	7.8	107
51	Epistemic geographies of climate change. Progress in Human Geography, 2018, 42, 395-424.	5.6	107
52	Climate change scenarios for global impacts studies. Global Environmental Change, 1999, 9, S3-S19.	7.8	106
53	Recent and future climate change in east asia. International Journal of Climatology, 1994, 14, 637-658.	3.5	103
54	Believing is seeing: laypeople's views of future socio-economic and climate change in England and in Italy. Public Understanding of Science, 2009, 18, 383-400.	2.8	103

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55	Adapting to the inevitable. Nature, 1998, 395, 741-741.	27.8	96
56	Negotiating future climates for public policy: a critical assessment of the development of climate scenarios for the UK. Environmental Science and Policy, 2008, 11, 54-70.	4.9	92
57	Climate change implications for Europeâ˜†An application of the ESCAPE model. Global Environmental Change, 1994, 4, 97-124.	7.8	90
58	The Consequences of CO2 Stabilisation for the Impacts of Climate Change. Climatic Change, 2002, 53, 413-446.	3.6	89
59	A Collaboratively-Derived Science-Policy Research Agenda. PLoS ONE, 2012, 7, e31824.	2.5	87
60	An integrated framework to address climate change (ESCAPE) and further developments of the global and regional climate modules (MAGICC). Energy Policy, 1995, 23, 347-355.	8.8	84
61	A Climate Change Scenario for the Tropics. Climatic Change, 1998, 39, 145-176.	3.6	84
62	Is Weather Event Attribution Necessary for Adaptation Funding?. Science, 2011, 334, 764-765.	12.6	79
63	Beyond Counting Climate Consensus. Environmental Communication, 2017, 11, 723-730.	2.5	77
64	Exploring the links between Desertification and Climate Change. Environment, 1993, 35, 4-45.	1.4	72
65	A co-evolutionary approach to climate change impact assessment â€" Part II: A scenario-based case study in East Anglia (UK). Global Environmental Change, 2000, 10, 145-155.	7.8	72
66	Estimating global changes in precipitation. Weather, 1995, 50, 34-42.	0.7	71
67	Climate and its changes: a cultural appraisal. Geo: Geography and Environment, 2015, 2, 1-11.	0.8	71
68	Limited sensitivity analysis of regional climate change probabilities for the 21st century. Journal of Geophysical Research, 2005, 110, .	3.3	70
69	Using expert knowledge to assess uncertainties in future polar bear populations under climate change. Journal of Applied Ecology, 2008, 45, 1649-1659.	4.0	68
70	Does climate adaptation policy need probabilities?. Climate Policy, 2004, 4, 107-128.	5.1	68
71	Editorial: On uncertainty and climate change. Global Environmental Change, 2007, 17, 1-3.	7.8	67
72	Mapping climate change knowledge: An editorial essay. Wiley Interdisciplinary Reviews: Climate Change, 2010, 1, 1-8.	8.1	65

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73	Why setting a climate deadline is dangerous. Nature Climate Change, 2019, 9, 570-572.	18.8	64
74	Validation of GCM control simulations using indices of daily airflow types over the British Isles. Climate Dynamics, 1993, 9, 95-105.	3.8	57
75	Model migrations: mobility and boundary crossings in regional climate prediction. Transactions of the Institute of British Geographers, 2012, 37, 197-211.	2.9	57
76	Climate emergencies do not justify engineering the climate. Nature Climate Change, 2015, 5, 290-292.	18.8	57
77	An intercomparison of model and observed global precipitation climatologies. Geophysical Research Letters, 1991, 18, 1715-1718.	4.0	55
78	Abrupt climate change: can society cope?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2003, 361, 2001-2021.	3.4	55
79	Beyond the Tipping Point: Understanding Perceptions of Abrupt Climate Change and Their Implications. Weather, Climate, and Society, 2011, 3, 48-60.	1.1	55
80	Dependence of Large-Scale Precipitation Climatologies on Temporal and Spatial Sampling. Journal of Climate, 1997, 10, 1099-1113.	3.2	53
81	Exploring Climate Change through Science and in Society. , 0, , .		53
82	IPCC: cherish it, tweak it or scrap it?. Nature, 2010, 463, 730-732.	27.8	52
83	Understanding and managing climate change: the UK experience. Geographical Journal, 2004, 170, 105-115.	3.1	51
84	Predicting, deciding, learning: can one evaluate the â€˜successâ€™ of national climate scenarios?. Environmental Research Letters, 2008, 3, 045013.	5.2	49
85	The Tropical easterly Jet and Sudan rainfall: A review. Theoretical and Applied Climatology, 1989, 39, 179-187.	2.8	45
86	Disciplines, Geography, and Gender in the Framing of Climate Change. Bulletin of the American Meteorological Society, 2010, 91, 997-1002.	3.3	45
87	Knowing like a global expert organization: Comparative insights from the IPCC and IPBES. Global Environmental Change, 2021, 68, 102261.	7.8	45
88	The Changing Rainfall Resources of Sudan. Transactions of the Institute of British Geographers, 1990, 15, 21.	2.9	44
89	â€œGapsâ€•in Climate Change Knowledge. Environmental Humanities, 2018, 10, 330-337.	0.8	42
90	A gridded reconstruction of land and ocean precipitation for the extended tropics from 1974 to 1994. International Journal of Climatology, 1999, 19, 119-142.	3.5	41

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91	Social scientific knowledge in times of crisis: What climate change can learn from coronavirus (and) Tj ETQq1 1 0.784314 rgBT /Overl	8.1	41
92	Climate Change and Virtue: An Apologetic. Humanities, 2014, 3, 299-312.	0.2	40
93	Climate change and the Syrian civil war revisited: A rejoinder. Political Geography, 2017, 60, 253-255.	2.5	38
94	One Earth, Many Futures, No Destination. One Earth, 2020, 2, 309-311.	6.8	38
95	Flying in the face of climate change: a review of climate change, past, present and future. Ibis, 2004, 146, 4-10.	1.9	36
96	Science-Policy Interface: Beyond Assessments. Science, 2011, 333, 697-698.	12.6	36
97	Newspaper scare headlines can be counter-productive. Nature, 2007, 445, 818-818.	27.8	34
98	Communicating Climate Knowledge. Current Anthropology, 2012, 53, 226-244.	1.6	34
99	Modelling and the Nation: Institutionalising Climate Prediction in the UK, 1988â€“92. Minerva, 2016, 54, 445-470.	2.4	34
100	The emergence of the geoengineering debate in the <scp>UK</scp> print media: a frame analysis. Geographical Journal, 2013, 179, 342-355.	3.1	33
101	On the origin of â€˜the greenhouse effectâ€™: John Tyndall's 1859 interrogation of nature. Weather, 2009, 64, 121-123.	0.7	32
102	Seasonal rainfall forecasting for Africa part IIâ€”application and impact assessment. International Journal of Environmental Studies, 1992, 40, 103-121.	1.6	31
103	Is it too late (to stop dangerous climate change)? An editorial. Wiley Interdisciplinary Reviews: Climate Change, 2020, 11, e619.	8.1	31
104	A Climate Change Scenario for the Tropics. , 1998, , 5-36.		28
105	â€˜Telling a different taleâ€™: literary, historical and meteorological readings of a Norfolk heatwave. Climatic Change, 2012, 113, 5-21.	3.6	27
106	(STILL) DISAGREEING ABOUT CLIMATE CHANGE: WHICH WAY FORWARD?. Zygon, 2015, 50, 893-905.	0.4	27
107	A Reply to Cook and Oreskes on Climate Science Consensus Messaging. Environmental Communication, 2017, 11, 736-739.	2.5	27
108	Engineering climate debt: temperature overshoot and peak-shaving as risky subprime mortgage lending. Climate Policy, 2019, 19, 937-946.	5.1	27

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109	Framing the challenge of climate change in Nature and Science editorials. Nature Climate Change, 2018, 8, 515-521.	18.8	23
110	Geoengineering at the â€œEdge of the Worldâ€: Exploring perceptions of ocean fertilisation through the Haida Salmon Restoration Corporation. Geo: Geography and Environment, 2018, 5, e00054.	0.8	23
111	Predicting regional climate change: living with uncertainty. Progress in Physical Geography, 1999, 23, 57-78.	3.2	21
112	Global climate change in the instrumental period. Environmental Pollution, 1994, 83, 23-36.	7.5	20
113	Telling one story, or many? An ecolinguistic analysis of climate change stories in UK national newspaper editorials. Geoforum, 2019, 104, 114-136.	2.5	19
114	Governing and adapting to climate. A response to Ian Bailey's Commentary on â€˜Geographical work at the boundaries of climate changeâ€™. Transactions of the Institute of British Geographers, 2008, 33, 424-427.	2.9	18
115	Climate change scenarios for the assessments of the climate change on regional ecosystems. Journal of Thermal Biology, 1995, 20, 175-190.	2.5	17
116	The Idea of Climate Change â€“ Exploring Complexity, Plurality and Opportunity. Gaia, 2010, 19, 171-174.	0.7	17
117	Moving Beyond Climate Change. Environment, 2010, 52, 15-19.	1.4	16
118	The Colour of Risk: An Exploration of the IPCCâ€™s â€œBurning Embersâ€•Diagram. Spontaneous Generations, 2012, 6, .	0.2	16
119	The cost of climate data â€” a European experience. Weather, 1994, 49, 168-175.	0.7	15
120	Evaluating climate model simulations of precipitation: methods, problems and performance. Progress in Physical Geography, 1995, 19, 427-448.	3.2	15
121	The relationship between the SOI and extended tropical precipitation in simulations of future climate change. Geophysical Research Letters, 2002, 29, 113-1-113-4.	4.0	15
122	Finding the Message of the Pope's Encyclical. Environment, 2015, 57, 16-19.	1.4	15
123	Rainfall in Central Sudan: An asset or a liability?. Geoforum, 1987, 18, 321-331.	2.5	14
124	UK newspaper (mis)representations of the potential for a collapse of the Thermohaline Circulation. Area, 2010, 42, 444-456.	1.6	13
125	Title is missing!. Integrated Assessment: an International Journal, 2001, 2, 159-170.	0.8	12
126	Learning to Live with Recreated Climates. Nature and Culture, 2010, 5, 117-122.	0.5	12

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127	The concept of climate sensitivity: history and development. , 0, , 5-17.		11
128	How do UK climate scenarios compare with recent observations?. Atmospheric Science Letters, 2008, 9, 189-195.	1.9	11
129	Better Weather?: The Cultivation of the Sky. Cultural Anthropology, 2015, 30, 236-244.	1.7	11
130	An evaluation of the spatial and interannual variability of tropical precipitation as simulated by GCMs. Geophysical Research Letters, 1995, 22, 1697-1700.	4.0	10
131	Buenos Aires and Kyoto targets do little to reduce climate change impacts. Global Environmental Change, 1998, 8, 285-289.	7.8	10
132	Claiming and Adjudicating on Mt Kilimanjaro's Shrinking Glaciers: Guy Callendar, Al Gore and Extended Peer Communities. Science As Culture, 2010, 19, 303-326.	3.2	10
133	Changing what exactly, and from where? A response to Castree. Dialogues in Human Geography, 2015, 5, 322-326.	1.6	10
134	<scp>WIREs</scp> Climate Change after 4 years: an editorial essay. Wiley Interdisciplinary Reviews: Climate Change, 2014, 5, 1-5.	8.1	9
135	An evaluation of the spatial and interannual variability of tropical precipitation as simulated by GCMs. Geophysical Research Letters, 1995, 22, 2139-2142.	4.0	8
136	An exploration of regional climate change scenarios for Scotland. Scottish Geographical Journal, 2001, 117, 251-270.	1.1	8
137	Ventures should not overstate their aims just to secure funding. Nature, 2008, 453, 979-979.	27.8	7
138	The adaptability of a rural water supply system to extreme rainfall anomalies in central Sudan. Applied Geography, 1986, 6, 89-105.	3.7	6
139	Balancing a budget or running a deficit? The offset regime of carbon removal and solar geoengineering under a carbon budget. Climatic Change, 2021, 167, 1.	3.6	6
140	Using Climate Information in Africa: Some Examples Related to Drought, Rainfall Forecasting and Global Warming. IDS Bulletin, 1994, 25, 59-68.	0.8	5
141	Climate results for public vetting. Nature, 2011, 480, 39-39.	27.8	5
142	Climate panel is ripe for examination. Nature, 2013, 502, 624-624.	27.8	5
143	Calculating the Incalculable: Is SAI the Lesser of Two Evils?. Ethics and International Affairs, 2017, 31, 507-512.	0.3	5
144	WIREs Climate Change 2018: An editorial essay. Wiley Interdisciplinary Reviews: Climate Change, 2018, 9, e503.	8.1	5

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145	London's weather and the everyday: two centuries of newspaper reports. Weather, 2019, 74, 286-290.	0.7	5
146	Climate conflict. New Scientist, 2007, 196, 26.	0.0	4
147	Climate change forever: the future of an idea. Scottish Geographical Journal, 2020, 136, 118-122.	1.1	4
148	Knowledge pluralism. , 2015, , .		4
149	<B><I>Classics in physical geography revisited,</I></B> Manabe, S. <B>and</B> Wetherald, R.T. <B>1975: The effects of doubling the CO₂ concentration on the climate of a general circulation model. <I>Journal of the Atmospheric Sciences</I> 32, 3â€“15.</B>. Progress in Physical Geography, 2001, 25, 385-387.	3.2	4
150	Dust production in the Sahel. Nature, 1985, 318, 488-488.	27.8	3
151	Title is missing!. Climatic Change, 2001, 50, 509-510.	3.6	3
152	Climate change scenarios for Great Britain and Europe. Studies in Environmental Science, 1995, 65, 397-400.	0.0	2
153	What does applying 'scientific values' mean in reality?. Nature, 2009, 458, 702-702.	27.8	2
154	Many types of action are required to tackle climate change. Nature, 2009, 462, 158-158.	27.8	2
155	Investigating Arctic Ocean History: From Speculation to Reality: A Workshop to Prepare for Arctic Ocean Scientific Drilling; Bremerhaven, Germany, 3-5 November 2008. Eos, 2009, 90, 112-113.	0.1	2
156	The true meaning of climate change. New Scientist, 2009, 203, 28-29.	0.0	2
157	Will foreign-aid pledges materialize?. Nature, 2011, 469, 299-299.	27.8	2
158	The Application of Seasonal Rainfall Forecasts for Africa Workshop held at the Climatic Research Unit, University of East Anglia, 19 January 1990. Disasters, 1990, 14, 171-172.	2.2	1
159	International Conference on the Physical Causes of Drought and Desertification, University of Melbourne, 9-13 December, 1991. Disasters, 1992, 16, 185-188.	2.2	1
160	reply Climate variability and crop yields in Europe. Nature, 1999, 400, 724-724.	27.8	1
161	The Performance of Science. , 0, , 72-108.		1
162	Reflections on the afterlives of a PhD thesis. Area, 2022, 54, 280-289.	1.6	1

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163	Climate, water and agriculture in the tropics. Applied Geography, 1990, 10, 78-79.	3.7	0
164	Environment and Climate Change: The Challenge for China:Beijing, 15-18 April, 1991. Disasters, 1991, 15, 281-284.	2.2	0
165	The global greenhouse regime: Who pays?. Futures, 1994, 26, 878-879.	2.5	0
166	Climate and culture. New Scientist, 2006, 192, 22.	0.0	0
167	Conference Covered Climate from All Angles. Science, 2009, 324, 881-882.	12.6	0
168	The Sustainability Mirage: Illusion and Reality in the Coming War on Climate Change - By John Foster. Geographical Journal, 2009, 175, 317-317.	3.1	0
169	Confronting climate. New Scientist, 2012, 213, 37.	0.0	0
170	Framing Climate Change. , 2019, , 58-67.		0
171	No room for complacency over climate. Nature, 1998, 396, 509-509.	27.8	0