

# Craig W Hutton

## List of Publications by Citations

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45  
papers

748  
citations

16  
h-index

26  
g-index

52  
ext. papers

916  
ext. citations

5.2  
avg, IF

4.22  
L-index

#	Paper	IF	Citations
45	Applying the global RCP-SSP-SPA scenario framework at sub-national scale: A multi-scale and participatory scenario approach. <i>Science of the Total Environment</i> , <b>2018</b> , 635, 659-672	10.2	73
44	Integrated assessment of social and environmental sustainability dynamics in the Ganges-Brahmaputra-Meghna delta, Bangladesh. <i>Estuarine, Coastal and Shelf Science</i> , <b>2016</b> , 183, 370-381 <sup>2.9</sup>		72
43	Flood inundation model updating using an ensemble Kalman filter and spatially distributed measurements. <i>Journal of Hydrology</i> , <b>2007</b> , 336, 401-415	6	70
42	Agricultural livelihoods in coastal Bangladesh under climate and environmental change--a model framework. <i>Environmental Sciences: Processes and Impacts</i> , <b>2015</b> , 17, 1018-31	4.3	60
41	Is shrimp farming a successful adaptation to salinity intrusion? A geospatial associative analysis of poverty in the populous Ganges-Brahmaputra-Meghna Delta of Bangladesh. <i>Sustainability Science</i> , <b>2016</b> , 11, 423-439	6.4	56
40	Understanding the Evidence Base for Poverty-Environment Relationships using Remotely Sensed Satellite Data: An Example from Assam, India. <i>World Development</i> , <b>2016</b> , 78, 188-203	5.5	45
39	Coastal Flooding in the Solent: An Integrated Analysis of Defences and Inundation. <i>Water (Switzerland)</i> , <b>2012</b> , 4, 430-459	3	45
38	Potential Trade-Offs between the Sustainable Development Goals in Coastal Bangladesh. <i>Sustainability</i> , <b>2018</b> , 10, 1108	3.6	29
37	Making SDGs Work for Climate Change Hotspots. <i>Environment</i> , <b>2016</b> , 58, 24-33	2.8	27
36	A framework for identifying and selecting long term adaptation policy directions for deltas. <i>Science of the Total Environment</i> , <b>2018</b> , 633, 946-957	10.2	26
35	Drinking water salinity associated health crisis in coastal Bangladesh. <i>Elementa</i> , <b>2018</b> , 6,	3.6	24
34	Dependence on agriculture and ecosystem services for livelihood in Northeast India and Bhutan: vulnerability to climate change in the Tropical River Basins of the Upper Brahmaputra. <i>Climatic Change</i> , <b>2014</b> , 127, 107-121	4.5	23
33	A combined spectral and object-based approach to transparent cloud removal in an operational setting for Landsat ETM+. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2011</b> , 13, 220-227	7.3	21
32	Impact of dams and climate change on suspended sediment flux to the Mekong delta. <i>Science of the Total Environment</i> , <b>2021</b> , 755, 142468	10.2	21
31	Adaptive space-time sampling with wireless sensor nodes for flood forecasting. <i>Journal of Hydrology</i> , <b>2012</b> , 414-415, 136-147	6	20
30	Agricultural shocks and drivers of livelihood precariousness across Indian rural communities. <i>Landscape and Urban Planning</i> , <b>2019</b> , 189, 307-319	7.7	17
29	Ganges-Brahmaputra-Meghna Delta, Bangladesh and India: A Transnational Mega-Delta <b>2020</b> , 23-51		14

28	Predicting socioeconomic conditions from satellite sensor data in rural developing countries: A case study using female literacy in Assam, India. <i>Applied Geography</i> , <b>2013</b> , 44, 192-200	4.4	12
27	Exploring the links between census and environment using remotely sensed satellite sensor imagery. <i>Journal of Land Use Science</i> , <b>2013</b> , 8, 284-303	2.7	11
26	Spatial associations between household and community livelihood capitals in rural territories: An example from the Mahanadi Delta, India. <i>Applied Geography</i> , <b>2019</b> , 103, 98-111	4.4	9
25	Evaluating the utility of the ensemble transform Kalman filter for adaptive sampling when updating a hydrodynamic model. <i>Journal of Hydrology</i> , <b>2009</b> , 375, 589-600	6	9
24	Collective influence of household and community capitals on agricultural employment as a measure of rural poverty in the Mahanadi Delta, India. <i>Ambio</i> , <b>2020</b> , 49, 281-298	6.5	9
23	The Development of a Framework for the Integrated Assessment of SDG Trade-Offs in the Sundarban Biosphere Reserve. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 528	3	8
22	Land Cover and Land Use Analysis in Coastal Bangladesh <b>2018</b> , 367-381		6
21	Ecosystem Services, Well-Being and Deltas: Current Knowledge and Understanding <b>2018</b> , 3-27		6
20	Challenges of climate change in tropical basins: vulnerability of eco-agrosystems and human populations. <i>Climatic Change</i> , <b>2014</b> , 127, 1-13	4.5	5
19	Sustainable Deltas in the Anthropocene <b>2020</b> , 247-279		5
18	Integrative Analysis Applying the Delta Dynamic Integrated Emulator Model in South-West Coastal Bangladesh <b>2018</b> , 525-574		3
17	Adapting to Change: People and Policies <b>2020</b> , 201-222		3
16	Trade-off decisions in ecosystem management for poverty alleviation. <i>Ecological Economics</i> , <b>2021</b> , 187, 107103	5.6	3
15	Geographical Dynamics of Poverty in Nepal between 2005 and 2011: Where and How?. <i>Sustainability</i> , <b>2018</b> , 10, 2055	3.6	2
14	Delta Challenges and Trade-Offs from the Holocene to the Anthropocene <b>2020</b> , 1-22		2
13	An Integrated Approach Providing Scientific and Policy-Relevant Insights for South-West Bangladesh <b>2018</b> , 49-69		2
12	Stakeholder Expectations of Future Policy Implementation Compared to Formal Policy Trajectories: Scenarios for Agricultural Food Systems in the Mekong Delta. <i>Sustainability</i> , <b>2021</b> , 13, 5534	3.6	2
11	Integrative Analysis for the Ganges-Brahmaputra-Meghna Delta, Bangladesh <b>2018</b> , 71-90		2

10	Developing socio-ecological scenarios: A participatory process for engaging stakeholders. <i>Science of the Total Environment</i> , <b>2022</b> , 807, 150512	10.2	2
9	Choices: Future Trade-Offs and Plausible Pathways <b>2020</b> , 223-245		1
8	The 1999 super cyclone in Odisha, India: A systematic review of documented losses. <i>International Journal of Disaster Risk Reduction</i> , <b>2020</b> , 51, 101790	4.5	1
7	Community-Level Environmental and Climate Change Adaptation Initiatives in Nawalparasi, Nepal. <i>Climate Change Management</i> , <b>2012</b> , 591-609	0.6	1
6	A Geospatial Analysis of the Social, Economic and Environmental Dimensions and Drivers of Poverty in South-West Coastal Bangladesh <b>2018</b> , 383-403		0
5	Earth observation and geospatial data can predict the relative distribution of village level poverty in the Sundarban Biosphere Reserve, India.. <i>Journal of Environmental Management</i> , <b>2022</b> , 313, 114950	7.9	0
4	Integrating Science and Policy Through Stakeholder-Engaged Scenarios <b>2018</b> , 163-178		
3	Vulnerability Assessment and Scenarios <b>2015</b> , 53-59		
2	Adaptive IWRM Responses to Cope with What-If? Scenarios <b>2015</b> , 61-66		
1	The Socio-Environmental Vulnerability Assessment Approach to Mapping Vulnerability to Climate	283-301	