

SCIENTIFIC CURRICULUM VITAE

1. Personal details

1	Full name	Craig Hutton	Year of birth	Male <input checked="" type="checkbox"/> ; Female <input type="checkbox"/>
	Academic title	Prof	Administrative position	Prof
2	Institution and address	School of Geography & Environment, University of Southampton, Highfield, Southampton, SO17 1BJ		
	Department			
3	Telephone	44-(0)2380-598443	Mobile	
	Fax		E-mail (<i>Registered on the OMS system, if available</i>)	ch9@soton.ac.uk

2. Qualifications:

Year	Academic Institution	Major	Academic degree
1997 - 2000	Imperial College Imperial College London	Hydro-geophysics of well siting	Ph.D. & DIC
1991 - 1992	University of Southampton	Oceanography	M.Sc
1987 - 1990	Oxford Polytechnic	Earth Sciences	BSc. Hon

3. Personal experience:

Year	Institution	Address	Position
8/2018 - present			Prof. Sustainability Science
01/2014 – 7/2018			Principle Enterprise Fellow
03/2003 – 12/2013			Senior Research Scientist

11/1999 – 03/2003			Research Scientist
1994 – 1997	Geoscientists for International Development		Assoc.
1992 – 1993	Geodetic Surveys Ltd		Employee

4. Language (Rating: A- Poor; B- Fair; C- Sufficient; D- Fluent)

Language	Reading	Writing	Speaking
English	D	D	D

5. Expertise and research interests

5.1. Main research orientation (within the last 5 years)

5.2. List of research projects (within the last 5 years)

No	Project name	Funding institution and funded amount	Duration	Position/role in the project
1.	Developing Decision making capacity in Ministry of Agriculture, Go Afghanistan, including normative strategic scenario development	UNFAO /£270K/£20K	2018-2019	Hill, C, Hutton, C, Tatem , A (COI)
2.	Establish stakeholder workshop workflow to address the development of plausible normative future scenarios identifying pathways, outcomes and trade-offs in Vietnam, Jamaica and Vanuatu	GCRF (QR)/£180K/£25K	2019-2020	Hutton, C., Darby, C., Nicholls, R., Hill, Sear. D. Poppy, G (PI/CoI – Multiple Grants)
3.	Aims to analyse the potential synergies and conflicts between the SDGs in Ganges Delta, West Bengal, India	NERC/£750K/£114K	2019-2021	Nicholls, R & Hutton, C, Rahman, M. 7 Daw, T. (CoI)
4.	aim is to understand agricultural resilience to hydro meteorological extremes in Mekong Delta	NERC /£700K/£150K	2019-2021	Darby, S & Hutton, C. et al. (CoI)
5.	DECCMA- Deltaic Environments, Vulnerability and Climate Change: Migration in the Context Adaptation [Deputy PI]	IDRC/£8,2m/£150K	2014- 2019	Nicholls, R & . Hutton, C et.al. (DPI)
6.	River Health Ramganga: Integrated socio-ecological assessment of the River	Scottish Government/£380K/£67K	2017 – 2019	Allan, A & Hutton, C et al. (CoI)

	Rāmgangā as test site for further Ganges studies			
7.	Ecosystem services and socio-ecological systems in Anatolian Steppe, Turkey	UN FAO/£50K/£20K	2016-2018	Hutton, C & Chris Hill (PI)
8.	Development of a knowledge network for natural resource management in small east African delta systems in Tanzania, Kenya, Madagascar and Mozambique	IDRC/£350K/£40K	2017-2019	Hutton, C & Hill, C et. al. (PI)
9.	Application of Δ DIEM (Delta Dynamic Integrated Emulator Model) (ESPA/Delta) model to waterlogging in coastal Bangladesh	DFID-Bangladesh/£41K/12K	2018-2019	Hutton, C. & Nicholls, R (PI)
10.	Ecosystem Services and Poverty Alleviation in Deltas: Bangladesh case study [Deputy PI]	DFID/RCUK/£3,2M/£140K	2011 - 2018	Nicholls R. & Hutton, C et.al. (CoI)
11.	Sustainable Intensification of Rice Agriculture in Vulnerable Mega-Deltas: A Global Challenge	BBSRC/GCRF/£605K /£40K	2017-2019	Darby, S & Hutton, C. et al. (CoI)
12.	Pakistan Floods Relief and Early Recovery Response Plan - UN Flood and Erosion Modelling and Impacts on Agriculture on the Indus River, Pakistan	UN FAO/£226K/£45K	2013-2016	Carling, P, Hutton, C, Darby S., Chris Hill, (CoI)
13.	Globally Important Agricultural Heritage Systems. Developing Indicator sets for identification and monitoring	UN FAO/£38K/£20K	2015-2016	Hutton, C & Clark, M (PI)
14.	Sustainability Science: Developing pragmatic guidelines for best practice in sustainability science projects and programs in Indonesia and Southern Africa	UNESCO/£10,000	2015-2016	Hutton, C (PI)
15.	Vision 2050 Pakistan: Generating a vision document for the state of agriculture in Pakistan in 2050 through study of the water, environment, agricultural Nexus	UN FAO/Pakistan/£45,000 /£25,000	2015 - 2016	Hutton, C & Hill, C (PI)
16.	GULLS: Global learning for Local Solutions: Reducing Vulnerability of marine Dependent Coastal communities. 2014 – 2016/Brazil, India, Australia, South Africa	Belmont Forum/£300K/£15,000	2014 - 2016	Byfield, V., Hutton C. & Hill, C (CoI)

17.	CLIMAFRICA: Food Security vulnerability mapping in Sub-Saharan Africa	UN FAO /£25K/£10K	2013-2014	Hutton, C & Amoako Johnson, F (PI)
18.	Establishing governance adaptation response frameworks to climate change impacts and mitigation with regard to food security in Libya	UN FAO /£25K/£15K	2011 - 2014	Hutton, C. & Clark, M

5.3. Publications and accomplishments (*List all articles in specialized scientific journals, scientific conference proceedings, and scientific awards, in order: author's name; year of publication; name of research results published; journal name / publisher; number, volume release; site of construction; ISSN number*).

5.3.1 Articles in science and technology journal are on the list of SCI, SCIE, SSCI or AHCI of the Institute of Information Science (ISI), USA (including ISSN number)

No	Author	Year	Publications	Publishers/No, vol, page	ISSN/ISBN	Proof (*)	Notes

5.3.2 Other published or registered research results (international, domestic, reports, scientific awards, ...)

No	Author	Year	Publications	Publishers/No, vol, page	ISSN/ISBN	Proof (*)	Notes
19.	Berchoux, T., Watmough, G. R., Hutton, C. & Atkinson, P. M.	2019	Agricultural shocks and drivers of livelihood precariousness across Indian rural communities	Landscape and Urban Planning			
20.	Whitehead, P., Jin, L., Bussi, G., Voepel, H., Darby, S., Vasilopoulos, G., Manley, R., Hutton, C. , Hackney, C., Van, T. P. D. & Hung, N.	2019	Water quality modelling of the Mekong River basin: climate change and socioeconomics drive flow and nutrient flux changes to the Mekong Delta	Science of the Total Environment. 673, p. 218-229			
21.	Tristan Berchoux, Craig W. Hutton	2019	Spatial associations between household and community livelihood capitals in rural territories: An example from the Mahanadi Delta, India	Geography, Volume 103, Pages 98-111	0143-6228		

22.	Berchoux, T., Watmough, G. R., Amoako Johnson, F., Hutton, C. , & Atkinson, P. M.	2019	Collective influence of household and community capitals on agricultural employment as a measure of rural poverty in the Mahanadi Delta, India	Ambio			
23.	Zhang, J.; Liu, C.; Hutton, C.; Koirala, H.L.	2018	Geographical Dynamics of Poverty in Nepal between 2005 and 2011: Where and How?	Sustainability 2018, 10, 2055			
24.	Craig Hutton, Robert J. Nicholls, Attila N. Lázár, Alex Chapman, Marije Schaafsma, Mashafiqus Salehin	2018	Trade-offs and the Sustainable Development Goals (SDGs): Potential conflicts between SDGs in Coastal Bangladesh. Contribution to Special Issue (2018) "Sustainability and Ethics: Reflections on the UN Sustainable Development Goals".	Sustainability 2018, 10(4), 1108			
25.	Natalie Suckall, Emma L. Tompkins, Robert J. Nicholls, Abiy S. Kebede, Attila N. Lázár, Craig Hutton, Katharine Vincent, Andrew Allan, Alex Chapman, Rezaur Rahman, Tuhin Ghosh, Adelina Mensah	2018	A framework for identifying and selecting long term adaptation policy directions for deltas	Science of the Total Environment, Volume 633, 2018, Pages 946- 957	0048- 9697		
26.	Abiy S. Kebede, PhD, MSc, BSc; Robert J. Nicholls Andrew Allan; Iñaki Arto; Ignacio Cazcarro; Jose A. Fernandes; Chris T.Hill;	2018	Applying the Global RCP-SSP- SPA Scenario Framework at Sub- National Scale: A Multi-Scale and Participatory Scenario Approach	Science of the total Environment. 635 (2018) 659- 672			

	Craig W. Hutton ; Susan Kay; Attila N. Lázár; Ian Macadam; Matthew Palmer; Natalie Suckall; Emma L. Tompkins; Katharine Vincent; Paul W. Whitehead						
27.	Mahin Al Nahian, Ali Ahmed, Attila N. Lázár, Craig W. Hutton	2018	Drinking water salinity associated health crisis in coastal Bangladesh	Elem Sci Anth. 6(1), p.2			
28.	Carling, P., Trieu, H. Q., Hornby, D., Huang, H. Q., Darby, S., Sear, D., Hutton C. , Hill C., Ali Z., Ahmed A., Iqbal I. & Hussain, Z.	2017	Are equilibrium multichannel networks predictable? The case of the regulated Indus River, Pakistan	Geomorphology. DOI: 10.1016/j.geomorph.2017.09.021			
29.	Sylvia Szabo, Robert J. Nicholls, Barbara Neumann, Fabrice G. Renaud, Zoe Matthews, Zita Sebesvari, Amir AghaKouchak, Roger Bales, Corrine Warren Ruktanonchai, Julia Kloos, Efi Foufoula-Georgiou, Philippus Wester, Mark New, Jakob Rhyner, & Craig Hutton	2016	Making SDGs Work for Climate Change Hot Spots	Environment Vol 58 Number 6			
30.	R.J. Nicholls, C.W. Hutton, A.N. Lázár, A. Allan, W.N. Adger, H. Adams, J. Wolff, M.	2016	Integrated assessment of social and environmental sustainability dynamics in the Ganges-Brahmaputra-	Estuarine, Coastal and Shelf Science/online (2016) 1-12			

	Rahman, M. Salehin		Meghna delta, Bangladesh				
31.	Amoako Johnson, F., Hutton, C.W., Hornby, D.	2016	Is shrimp farming a successful adaptation to salinity intrusion? A geospatial associative analysis of poverty in the populous Ganges–Brahmaputra–Meghna Delta of Bangladesh	Sustain Sci (2016) 11/423			
32.	Anirban Mukhopadhyay, Sugata Hazra, Debasish Mitra, C. Hutton, Abhra Chanda & Sandip Mukherjee	2015	Characterizing the multi-risk with respect to plausible natural hazards in the Balasore coast, Odisha, India: a multi-criteria analysis (MCA) appraisal	Natural Hazards, pp 119			
33.	Lazar, A.N., Clarke, D., Adams, H., Akanda, A. R., Szabo, S., Nicholls, R.J., Matthews, Z., Begum, D., Saleh, A.F.M., Abedin, A., Payo, A., Streatfield, P.K., Hutton, C.W., Mondal, M.S. and Moslehuddin , A. Z. Md.	2015	Agricultural livelihoods in coastal Bangladesh under climate and environmental change - a model framework	Environmental Science: Processes & Impacts, 1-14			
34.	Kienberger, Stefan, Johnson, Fifi Amoako, Zeil, Peter, Hutton, Craig, Lang, Stephan and Clark, Mike	2014	Modelling socio-economic vulnerability to floods: comparison of methods developed for European and Asian case studies	Southampton, GB, University of Southampton, 9pp			
35.	Amoako Johnson, F. and Hutton, C.W.	2014	Dependence on agriculture and ecosystem services for livelihood in Northeast India and Bhutan: vulnerability to climate change in	Climatic Change, 127, (1), 107-121			

			the Tropical River Basins of the Upper Brahmaputra				
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5.3.3 Published books/textbooks

No	Author	Year	Publications	Publishers/No, vol, page	ISSN/ISBN	Proof (*)	Notes
1	Robert J. Nicholls, Craig W. Hutton, W. Neil Adger, Susan E. Hanson, Md. Munsur Rahman, Mashfiqus Salehin	2018	Ecosystem Services for Well-Being in Deltas	Palgrave			
2	Mahin Al Nahian, Ali Ahmed, Attila N. Lázár, Craig W. Hutton Mashfiqus Salehin, Peter Kim Streatfield	2017	Drinking Water Salinity Associated Health Crisis in Coastal Bangladesh	Elementa (In Press)			
3	Girard P., Hutton. C.W. & Boulanger, J.P.	2014	Special issue on Climate Change and Adaptation in Tropical basins	Springer Science+Business Media	01650 009		

I pledge and take responsibility for the accuracy of the information provided in this scientific resume.

APPLICANT'S INSTITUTION

(Sign, full name, and sealed)

....., *date/month/year*

APPLICANT

(Sign, full name)

Craig Hutton