

# CURRICULUM VITAE

## Terry Cannon



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**CURRENT EMPLOYMENT:** Senior Research Fellow at IDS

**NATIONALITY:** British

**LANGUAGES:** English, French

**THEMATIC EXPERTISE:** Vulnerability analysis, disaster risk reduction, Livelihoods, Resilience Adaptation to climate change, community-based adaptation

**GEOGRAPHICAL EXPERTISE:** Bangladesh, India, China, Vietnam

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## OVERVIEW

Terry Cannon is a specialist in disaster risk reduction and adaptation to climate change, with particular expertise in rural livelihoods, community-based adaptation, and in vulnerability analysis for disaster risk reduction (DRR). He has pioneered the understanding of vulnerability analysis and social protection in the context of disasters as part of frameworks for risk reduction and adaptation to climate change. This has recently extended to assessment of the significance of culture as a factor in understanding people's and organizations' attitude to risk (relating to climate change and disasters). In 2014 he was lead editor of the IFRC *World Disasters Report 2014 focus on culture and risk*, has participated in a number of conferences and workshops to advocate for this 'missing link' in DRR. He is also part of a research group that is challenging the terminology of 'community' and 'community-based', which is used uncritically and not leading to helpful interventions.

He was leader of a DFID project to promote science for climate change in South Asia, with workshops in India and Nepal and support for young scientists to be published. Before that he was director of the DFID supported Strengthening Climate Resilience project at IDS that worked on the integration of climate change adaptation with disaster risk reduction and development. This included the emergence of new thinking on how specific forms of adaptation can emerge in the development context. He has also acted in an advisory consultancy to the IFRC Vulnerability and Capacity Assessment process in relation to climate change and urbanisation (2010-13) and its integration into community assessments of vulnerability. Participatory methods are being explored to assess how relevant these are to allocations of adaptation funding, including through social protection. A similar approach is being taken in research in Bangladesh and India, especially on diversification of rural livelihoods and potential for cyclone disaster preparedness.

He also supports the International Centre for Climate Change and Development (ICCCAD), based at Independent University, Bangladesh where he provides training and advice on adaptation to climate change.

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## EDUCATION AND QUALIFICATIONS

<b>1982 - 1983</b>	<b>M.Phil. Economics and Politics of Development</b> Faculty of Economics, University of Cambridge, UK
<b>1973 - 1974</b>	<b>One-year Research Fellowship on African Socialism</b> Department of Political Theory, University of Sheffield, UK
<b>1971 - 1973</b>	<b>M.Sc. (research): Geographical Theories of Underdevelopment</b> Department of Economics and Geography, University of Salford, UK
<b>1968 - 1971</b>	<b>BA Hons in Geography 2(i)</b> Department of Geography, University of Manchester, UK

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## RECORD OF EMPLOYMENT

<b>2010 – PRESENT</b>	<b>Senior Research Fellow, Institute of Development Studies, at University of Sussex, UK</b>  <b>Visiting Senior Lecturer, Geography Department, King's College London, (since 2009)</b> MA Disasters, Adaptation and Development, responsible for course on "Community, Vulnerability and Disaster Risk"
<b>2009 - 2010</b>	<b>Visiting Fellow, International Institute for Environment and Development (IIED) Climate Change Group</b>
<b>2005 - 2009</b>	<b>Reader in development studies, University of Greenwich</b>
<b>1999 - 2005</b>	<b>Principle Scientist, Natural Resources Institute, University of Greenwich</b>
<b>1991 - 1999</b>	<b>Senior Lecturer in Geography, School of Humanities, University of Greenwich</b>
<b>1989 - 1991</b>	<b>Lecturer in Rural Development, Institute of Social Studies, The Hague, Netherlands</b>
<b>1977 - 1989</b>	<b>Lecturer; Senior Lecturer in Geography, Thames Polytechnic</b>

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## SPECIALISM

- Effects of culture on risk perception, disaster preparedness and climate change adaptation;
  - Community Based Adaptation to climate change – research, advisory work, capacity-building, policy advice
  - Disaster risk reduction – research, advisory work, capacity-building
  - Rural livelihoods, poverty and vulnerability analysis;
  - Capacity building for disaster risk reduction and climate change at various levels, from community to national;
  - Climate change and natural hazards/disasters; Disaster preparedness (especially at community level), vulnerability analysis,
  - Policy and practice evaluation, especially in relation to vulnerability analysis and disaster preparedness policies;
  - Rural livelihoods, diversification, non-farm rural economy, local governance;
  - Food systems, hunger and famine issues; resource conflicts; water and drought issues;
  - Training in regard to climate change adaptation, vulnerability and capacity assessment, community based disaster preparedness, food security projects
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## RECENT PROJECTS AND ACTIVITIES

<b>2011 -</b>	<b>Culture and risk:</b> research and publications on the ways that culture affects people's perceptions of natural hazards and climate change
<b>2012- 2016</b>	<b>HUMPOL (Humanitarian policy and practice in a changing climate):</b> leader of case study in Bangladesh on cyclone impacts and root causes of vulnerability
<b>2014</b>	<b>IFRC World Disasters Report 2014 Culture and Disasters, lead editor and author of around half the report:</b> Available here: <a href="http://www.ifrc.org/en/publications-and-reports/world-disasters-report/world-disasters-report-2014/">http://www.ifrc.org/en/publications-and-reports/world-disasters-report/world-disasters-report-2014/</a>
<b>2013 - 2014</b>	<b>UNDP China, advisor to programme on cross-Asia community disaster preparedness</b>

<b>2012 - 2013</b>	<b>Urban adaptation to climate change – understanding the peri-urban zone and ecosystem services for urban adaptation.</b> Case study of Khulna, Bangladesh
<b>2010 - 2013</b>	<b>Director, SICRISA project on strengthening climate science to peer review publication in South Asia,</b> DFID Funded
<b>2010 - 2012</b>	<b>IFRC Review and evaluation of Vulnerability and Capacity Analysis system, and advice on how to incorporate climate change and urban risk</b>
<b>2010 - 2012</b>	<b>Director, Strengthening Climate Resilience project at IDS;</b> working on Climate Smart Disaster Risk Management approach in ten countries in Asia and Africa. Consortium with two major international NGOs. DFID funded

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## PREVIOUS WORK AND PROJECTS IN THE HUMANITARIAN SECTOR

- **2010- 2012 IFRC Review and evaluation of Vulnerability and Capacity Analysis** system, and advice on how to incorporate climate change and urban risk
- **2007 International Federation of Red Cross, Climate Centre (Netherlands)**, grant to produce journal article on climate change and community level vulnerability analysis. Article published in Global Environmental Change in 2008
- **2007 ProVention Consortium** – invited as expert participant to Annual Global Forum on disaster risk reduction in Dar-es-Salaam
- **2006 Danish Red Cross 2006 Evaluation of disaster programmes and policies**
- **2007 Participant on behalf of Red Cross Climate Centre** at workshop on climate change and disaster risk reduction in Dhaka, Bangladesh
- **2006 Facilitator** for VCA training of RC Disaster Management staff at international training course, Izmir, Turkey
- **2005 Facilitator** for VCA training of RC Disaster Management staff at international training course, Alicante, Spain
- **Leader for workshops** on disaster risk assessment methodologies for the International Federation of Red Cross and Red Crescent in Jordan (for Middle East and North Africa Region), Montenegro (for Eastern Europe Region), Panama (for Latin America and Caribbean Region)
- **2005 Red Cross Climate Centre**, Second International Community Based Adaptation Conference, Dhaka, June 2005, invited as key speaker in workshop on community vulnerability assessment
- **2004 4<sup>th</sup> Pan-African Conference of RCRC, 2004:** Invited key note speaker on food systems and vulnerability
- **2003 Key note speaker:** Invited to present at General Assembly of the International Federation of Red Cross/Red Crescent, Geneva, November 2003, on “New Forms of Vulnerability and Poverty”
- **2004 ProVention** Invited to contribute to workshop on disaster mitigation and social vulnerability for ProVention (World Bank initiated coalition on disaster prevention) in Geneva 2004
- **2003 IFRC** Invited to give keynote speech on disasters, vulnerability and the new poverty to General Assembly of International Federation of Red Cross, December 2003, (Geneva)

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## SELECTED PUBLICATIONS AND OUTPUTS

### Books

Cannon, Terry (2014). IFRC (International Federation of Red Cross & Red Crescent Societies), World Disasters Report 2014 Theme: Culture and Risk, Geneva; Lead editor and author of chapters 1, 3, 4, 7

Bankoff, G., Cannon, T., Krüger, F., Orlov, B. and Schipper, L. (eds.) (2015), Cultures and Disasters: Understanding Cultural Framings in Disaster Risk Reduction, Routledge

Wisner, B., Cannon, T., Davis, I. & Blaikie, P. (2004) At Risk: Natural Hazards, Peoples' Vulnerability and Disasters 2nd edition, Routledge. This has been translated into Japanese (2011) and Chinese (due 2016)

Cannon, Terry (ed.) (2000) China's economic growth: impact on regions, migration and environment, Macmillan. Chapter contributed: 'Introduction: the management of space and Nature'

Blaikie, P., Cannon, T., Davis, I. y Wisner, B. (1996) Vulnerabilidad: el entorno social, político y económico de los desastres (Tercer Mundo Editores for Intermediate Technology Development Group) [Spanish translation of At Risk]

Blaikie, P., Cannon, T., Davis, I. and Wisner, B., (1994). At Risk: Natural Hazards, Peoples' Vulnerability and Disasters, Routledge

Bohle, H., Cannon, T., Hugo, G., and Ibrahim, F. (eds.) (1991). Famine and food security in Africa and Asia: indigenous response and external intervention to avoid hunger, University of Bayreuth. Chapter contributed: 'Hunger and famine: using a food systems model to analyses vulnerability' pp. 291-312

## Chapters in books

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Terry Cannon (Due 2018) 'Understanding culture to protect heritage: what can and cannot be done, and who should do it?' In: Brian Daniels (ed.) Unite to save the world's culture (provisional title), Washington: Smithsonian Institution.

Thomas Tanner, Adelina Mensah, Elaine T. Lawson, Chris Gordon, Rachel Godfrey-Wood, Terry Cannon, (2016) 'A political economy of artisanal fisheries and climate change in Ghana'. In: Fiona Nunan ed. Making Climate Compatible Development Happen, Routledge.

Cannon, T. (2015) 'Disasters, vulnerability and the significance of culture', in: Greg Bankoff, Terry Cannon, Fred Krüger Lisa Schipper (eds.), *Cultures and Disasters: Understanding Cultural Framings in Disaster Risk Reduction*, Routledge

Cannon, T. (2015) 'Social vulnerability and environmental hazards', in: AAG Eds. *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*, Wiley Blackwell

Cannon, T. (2014) 'Rural livelihood diversification and adaptation to climate change', in: Ensor, J., Berger, R., and Huq, S. (eds.), *Community Based Adaptation to Climate Change: emerging lessons*, Practical Action Publishing

Wisner, B., Oxley, M., Harjati, P., Copen, K., Castillo, G., Cannon, T., Mercer, J., and Bonduelle, S. (2013) 'Staying Alive, Getting Ahead: Building Synergisms between Community Based Disaster Risk Reduction (CBDRR) and Community Based Adaptation (CBA)' in: Huq, S. and Reid, H. (eds.) *Community Based Adaptation to climate change: scaling it up*, Routledge

Cannon, T. (2013) 'Disasters and vulnerability', in: Potter, R. and Desai, V. (eds.) *The Companion to Development Studies*, 3rd edition.

Cannon, T. (2006) 'Vulnerability Analysis, Livelihoods and Disasters' in: Ammann, W., Dannemann, S., and Vulliet, L. (eds.), *Coping with Risks due to Natural Hazards in the 21st Century*, Taylor & Frances/Balkema

Cannon, T. (2002) 'Gender and climate hazards in Bangladesh', in: Masika, R. (ed.), *Gender, Development and Climate Change*, Oxfam, (re-published in Terry, G. (ed.) (2009) *Climate Change and Gender Justice*, Practical Action/ Oxfam)

Cannon, T. (2000) 'Vulnerability and disasters' in: Parker, D.J. (ed.) *Floods*, Routledge

Cannon, T. (1997) 'What makes emergencies different? Inter-relations of disasters, environment and development' in: Guha-Sapir, D. (ed.) *Environmental Impacts of Sudden Population Displacements*, European Commission Humanitarian Office (ECHO)

Cannon, T. (1993) 'A Hazard need not a Disaster make: People's Vulnerability and the causes of "natural" disasters' in: Merriman, P.A. and Browitt, C.W.A. *Natural Disasters: protecting vulnerable communities Proceedings of the IDNDR Conference*, The Royal Society, London October 1993; London: Thomas Telford 1993, pp.92-105.

Cannon, T. (1994) 'Indigenous peoples and food entitlement losses under externally-imposed change' in: Bohle, H. (ed.) *World of Pain and Hunger: geographical perspectives on disaster vulnerability and food security*, Saarbrücken/Fort Lauderdale: Breitenbach Publishers [Freiburg Studies in Development Geography Series]

Cannon, T. (1994) 'Vulnerability analysis and the explanation of "natural" disasters' in: Varley, A. (ed.) *Disasters, Development and Environment* (Chichester: Wiley) pp.13-30 Journals

## Journal Papers

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Alexandra Titz, Terry Cannon and Fred Krüger (2018) 'Uncovering "Community": Challenging an Elusive Concept in Development and Disaster Related Work, *Societies*, 8(3)

Andrew Newsham, María T. Pulidod, Martina Ulrichs, Roberto Muñoz Cruz, Xóchitl Cantellano Ocón, Alexander Shankland, Terry Cannon (2018) 'Ecosystems-based adaptation: Are we being conned? Evidence from Mexico', *Global Environmental Change*, 49, pp.14-26.

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- Christophe Béné, Lyla Metha, Gordon McGranahan, Terry Cannon & Jaideep Gupte (2016). 'Resilience as a policy narrative: potentials and limits in the context of urban planning.' *Climate and Development* 10, 2 pp116-133
- Gaillard, Jean-Christophe; Wisner, Ben; Benouar, Djillali; Cannon, Terry; Creton, Lawrence; Dekens, Julie; Fordham, Maureen; Gilbert, Claude; Hewitt, Kenneth; Kelman, Ilan; Lavell, Allan; Morin, Julie; N'Diaye, Abdoulaye; O'Keefe, Phil; Oliver-Smith, Anthony; Quesada, Cecile; Revet, Sandrine; Sudmeier-Rieux, Karen; Texier, Pauline; Vallette, Cloé. (2010), 'Alternatives for sustained disaster risk reduction', *Human Geography*, 3 (1). pp. 66-88.
- Cannon, T. and Mueller-Mahn, D. (2010) 'Vulnerability, resilience and development discourses in context of climate change' *Natural Hazards*, Vol.55 pp.621-635
- Gaillard, J.C., Wisner, B., Cannon, T., Creton-Cazanave, L., Dekens, J., Fordham, M., Gilbert, C., Hewitt, K., Kelman, I., Lavell, A., Morin, J., N'Diaye, A., O'Keefe, P., Oliver-Smith, A., Quesada, C. Revet, S., Sudmeier-Rieux, K., Texier, P., Vallette, C. (2010). 'Alternatives for sustained disaster risk reduction'. *Human Geography*, 3 (1), 66-88.
- Reid, H., Alam, M., Berger, R., Cannon, T., Huq, S. and Milligan, A. (2009) 'Community-based adaptation to climate change: an overview', *Participatory Learning and Action 60 special issue on Community Based Adaptation to Climate Change*
- Cannon, T. (2008) 'Vulnerability, "innocent" disasters and the imperative of cultural understanding', *Disaster Prevention and Management*, vol.17,3, pp. 350-357.
- van Aalst, M., Cannon, T. and Burton, I. (2008) 'Community level adaptation to climate change: the potential role of participatory community risk assessment', *Global Environmental Change*, 18,1, pp.165-79
- Cannon, T. (2008) 'Análisis de Vulnerabilidad, Medios de Vida y Desastres' 2006, *Tecnología y Sociedad: revista Latinoamericana*, No.7, pp.8-21 Soluciones Practicas ITDG Peru (Spanish translation of the chapter in book edited by Ammann et al) (see above).
- Nelson, V., Meadows, K., Cannon, T., Morton, J., Martin, A. (2002) Gender and Development, Special Issue on Climate Change, vol.10, 2, pp.51-9
- Cannon, T. (2002) 'Food Security, Food Systems and Livelihoods: Competing Explanations of Hunger', *Die Erde*, vol.133, pp.345-62
- Cannon, T. (1995) 'Indigenous peoples and food entitlement losses under externally-imposed change', *GeoJournal* Vol. 35, 2 pp.137-150
- Cannon, T. (1989) 'Regions, conflicts and the economic reforms' *Geography* October 1989 (in 'This changing world' special issue on 40th Anniversary of the People's Republic of China) pp. 360-362

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## Research Papers

- Tanner, T., Mensah, A., Lawson, E.T., Gordon, C., Godfrey-Wood, R. and Cannon, T. (2014) *Political economy of climate-compatible development: artisanal fisheries and climate change in Ghana*, IDS Working Paper 446, Brighton: IDS
- Béné, C., Cannon, T., Davies, M., Newsham, A. and Tanner, T. (2013) *OECD, SOCIAL PROTECTION AND CLIMATE CHANGE: A paper prepared for the OECD-DAC Task Team on Social Protection*, Institute of Development Studies, DCD/DAC/ENV(2013)2
- Cannon, T. and Harris, K. (eds.) (2011) *Exploring climate change and disaster governance issues*, Climate Disaster Governance project, Brighton: IDS
- Cannon, T. (2008) *Reducing People's Vulnerability to Natural Hazards: Communities and Resilience* WIDER Research Paper 2008/34, United Nations University, Helsinki.