

Curriculum Vitae : Professor Mike Hulme

Personal Details

Nationality: British
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Academic Qualifications, Prizes and Distinctions

1981 BSc (Hons.) Geography, class Iii, University of Durham, U.K.
1985 PhD in Applied Climatology, University of Wales, Swansea
Thesis title: "*Secular climatic and hydrological change in central Sudan*"
1995 Hugh Robert Mill Prize from the Royal Meteorological Society for
contributions to the understanding and analysis of precipitation
2000 Appointed Founding Director of the Tyndall Centre for Climate Change Research, UK
2005 Awarded the 2005 Queen's Lecture, an annual science lecture in Berlin promoting
success of British science. Topic "*Discovering climate change: from Tyndall to
Hollywood*"

Employment

2002-present Professor of Environmental Science, UEA, Norwich
2000-2007 Director, Tyndall Centre for Climate Change Research, UK
1998-2000 Reader, Climatic Research Unit, UEA, Norwich
1988-1997 Senior Research Associate, Climatic Research Unit, UEA, Norwich
1986 Visiting British Council Lecturer, University of Zimbabwe
1984-1988 Lecturer in Geography, University of Salford.

Research Expertise

My core research interest is climate change ... especially the interaction between climate change science and policy; the construction and application of climate change scenarios for impact, adaptation and integrated assessment; and representations of climate change in history, society and the media.

Earlier in my career I worked on the evaluation of climate models, the development of global and national observational climate data sets, and climate change and desertification in Africa.

Major Recent Research Contracts

2006-2009	£5.7m	Tyndall Centre Phase 2 (NERC, EPSRC, ESRC)
2006-2009	€12m	Adaptation and Mitigation Strategies (EU Commission, FP6)
2000-2006	£10.9m	Tyndall Centre Phase 1 (NERC, EPSRC, ESRC)
2000-2005	£0.36m	Tyndall business liaison programme (DTI)
1988-present	£2.6m	Assorted climate change research contracts (Defra, MAFF, DfID, WWF-International, UNDP, Scottish Executive, EU Commission, MRC, NERC, EPSRC, IPCC, Hadley Centre, Royal Society, European Environment Agency, Leverhulme Trust)

Public Speaking

Since 2000, I have given an average of 10 keynote lectures each year to national and international institutions and conferences such as the Queen's Lecture, the IHDP Conference on Earth System Governance, the Royal Institution, the Royal Geographical Society, Forum for the Future, European Science Foundation, the Finnish Global Change Programme, the Canadian Adaptation Conference. I have also given dozens of public talks about climate change to organisations such as the Women's Institute, Norwich City Council, the BA Festival, the Lib Dems annual conference, the Edinburgh Book Festival, the Institute of Ideas, Science Cafes.

Media Work

I devised and authored a monthly climate column for *The Guardian* newspaper (1988-2001) and am a regular book reviewer for the *Times Higher Educational Supplement* (2000 onwards). I have over 70 radio and TV appearances including CNN, BBC1 'Ten O'Clock News', Radio 4 'Today', 'Material World' and 'Costing the Earth', 'The Investigation', BBC World Service. I have written commentaries and opinion pieces for many popular outlets, such *The Guardian*, BBC news on-line, *THES*, *Science and Public Affairs* and *New Scientist*.

Publications (a full list of my publications is available at www.mikehulme.org/?page_id=38)

I have published 104 peer-reviewed journal articles, 61 other published articles and reports, 39 books, book chapters, or edited journal special issues, 68 other unpublished reports and 24 book reviews.

Selected Books and Reports

Hulme, M., T.M.L. Wigley, T. Jiang, Z-C. Zhao, F. Wang, Y. Ding, R. Leemans and A. Markham, (1992) **Climate change due to the greenhouse effect and its implications for China** WWF International, Gland, Switzerland, 57pp. (English and Chinese versions).

Hulme, M. (ed.) (1996) **Climate change and southern Africa: an exploration of some potential impacts and implications** CRU/WWF, Norwich, UK, 103pp.

Hulme, M. and Barrow, E.M. (eds.) (1997) **Climates of The British Isles: present, past and future** Routledge, London, 454pp.

- Hulme, M. and Jenkins, G.J. (1998) **Climate change scenarios for the United Kingdom** UKCIP Technical Report No.1, Climatic Research Unit, Norwich, UK, 80pp.
- Hulme, M., Jenkins, G.J., Lu, X., Turnpenny, J.R., Mitchell, T.D., Jones, R.G., Lowe, J., Murphy, J.M., Hassell, D., Boorman, P., McDonald, R. and Hill, S. (2002) **Climate change scenarios for the UK: the UKCIP02 scientific report** Tyndall Centre, UEA, Norwich, UK, 112pp.
- Hulme, M. and Minns, A. (2006) **Truly useful: doing climate change research that is useful for both theory and practice** Tyndall Centre, Norwich, UK, 32pp.

Five Key Representative Journal Publications

- Hulme, M. and Kelly, P.M. (1993) Exploring the links between desertification and climate change **Environment**, 35, 4-11 and 39-45
- Hulme, M., Barrow, E.M., Arnell, N., Harrison, P.A., T.E. Downing and T.C. Johns (1999) Relative impacts of human-induced climate change and natural climate variability **Nature**, 397, 688-691.
- New, M., Hulme, M. and Jones, P.D. (2000) Representing twentieth century space-time climate variability. Part 2: development of 1901-96 monthly grids of terrestrial surface climate **J.Climate**, 13, 2217-2238.
- Hulme, M. (2001) Climatic perspectives on Sahelian desiccation: 1973-1998 **Global Environmental Change** 11, 19-29.
- Hulme, M. (2003) Abrupt climate change: can society cope? **Phil. Trans. Royal Society London (A)**, 361, 2001-2021.

Consultancies

BP Amoco, CICERO/UNEP, CICERO/World Bank, Department of the Environment (UK), Global Environment Facility, Mott MacDonald/Anglian Water, Mott MacDonald/BNFL, Mott MacDonald/World Bank, Nirex, Overseas Development Institute/World Bank, Overseas Development Administration (UK), UNDP/World Bank, UNEP, UNDP, University of Reading/World Bank, Science Museum, World Commission for Dams, WS Atkins Engineering Ltd.

Journal Editorships

- Co-Editor, *Global Environmental Change* (2003 onwards)
- Joint Editor, *Climate Research* (1997-2001)
- Member of Editorial Boards of *Climate Policy* (2000-onwards) and of the *International Journal of Climatology* (1994-1999)
- Editorial Advisor, *Progress in Physical Geography* (1997-2002)
- Newsletter editor, *Association of British Climatologists* (1989-1994)

Contributions to Professional and Public Bodies

- Science Advisor (climate change) for the British Council (2007-onwards)
- Climate change advisor to the Quality of Life policy review of the Conservative Party (2006)
- Steering Group member for the European Climate Platform, a Swedish-based programme to enhance research-policy interactions in Europe (2004-onwards)
- Advisory Board for the UK Energy Research Centre (2003-onwards)
- Steering Committee for NERC's RAPID Programme (2002-onwards)
- Scientific Advisory Board for the Potsdam Institute (2002-2006)
- Scientific Steering Group for the World Bank/GEF AIACC Programme (2002-2006)
- Member of Advisory Team for EPSRC's Infrastructure and Environment Programme (2001-2004)
- Convening Lead Author, Lead Author, Contributing Author and Review Editor for the IPCC Third Assessment Report (1999-2001)
- IPCC Data Distribution Manager (1997-2002)
- IPCC Task Group on Climate Scenarios for Impacts Assessment (1996-2002)
- UK Department of Environment Climate Change Impacts Review Group (1995-1996)
- UNEP/WMO Review Panel for Desertification and Climate Change (1993)
- Drought Mitigation Working Group, UK IDNDR Committee (1993-1998)
- Expert Review Group on Dryland Degradation, NERC, UK (1991)
- Committee member: Sudan Studies Society of the UK (1989-1992)
- Member, Royal Geographical Society (with IBG) (1985-2002)
- Member, Association of British Climatologists (1984-2002)
- Fellow of the Royal Meteorological Society (1982-2004)

Teaching and Training Responsibilities

- Supervised 11 PhD students and numerous MSc projects; PhD examiner for 12 PhD theses.
- Organiser of three climate scenario training workshops run for UNEP (1997) and for GEF AIACC (2002)
- Tutor for the *Forum for the Future* Graduate Programme (2001-2004)
- Co-ordinator of British Council sponsored visiting scientists from Poland, India and Africa (1994-1996)
- Regular contributor to the UEA 3rd year undergraduate course "Climate change" (1994 onwards)
- Convenor of postgraduate course "Climate change and Africa" for the UEA Climate Change MSc (1993-2000)