

# Professor Mike Hulme

## Master Publications List, January 2008

### Sections

- Peer-reviewed Journal Papers
- Books or Book Chapters
- Other Formal Publications (ISSN, ISBN listed)
- Unpublished Reports/Articles/Conference Proceedings/Web Publications (no ISSN, ISBN)
- Book Reviews

### Peer-reviewed Journal Papers

- J1** Hulme,M. (1983) Unusual rains in the 1982-83 'dry' season at Khartoum **Weather**, 38, 275-276.
- J2** Hulme,M. (1984) 1983: an exceptionally dry year in central Sudan **Weather**, 39, 270-274.
- J3** Trilsbach,A. and Hulme,M. (1984) Recent rainfall changes in central Sudan and their physical and human implications **Trans. Inst. Brit. Geogs.**, 9, 280-298.
- J4** Hulme,M. (1985) Dust production in the Sahel **Nature**, 318, 488.
- J5** Hulme,M. (1986) The adaptability of a rural water supply system to extreme rainfall anomalies in central Sudan **Applied Geography**, 6, 87-103.
- J5** Hulme,M. (1987) Rainfall in Sudan: An asset or liability **Geoforum**, 18, 321-331.
- J6** Hulme,M. (1987) The 1986 wet season in central Sudan **Weather**, 42, 193-195.
- J7** Hulme,M. (1987) Secular changes in wet season structure in central Sudan **J. of Arid Environments**, 13, 31-46.
- J8** Walsh,R.P.D., Hulme,M. and Campbell,M. (1988) Recent rainfall changes and their impact on hydrology and water supply in the semi-arid zone of Sudan **Geogr. J.**, 154, 181-198
- J9** Hulme,M. (1989) Is environmental degradation causing drought in the Sahel? **Geography**, 74, 38-46.
- J10** Hulme,M. and Tosdevin,N. (1989) The Tropical Easterly Jet and Sudan rainfall: a review **Theor.**

- and Appl. Climatol.**, 39, 179-187
- J11** Hulme,M. and Trilsbach,A. (1989) The August 1988 storm over Khartoum: its climatology and impact **Weather**, 44, 82-90
- J12** Hulme,M. (1990) The changing rainfall resources of Sudan **Trans. Inst. Brit. Geogr.**, 15, 21-34
- J13** Hulme,M. (1990) Global warming in the twentyfirst century: an issue for Less Developed Countries **Science, Technology and Development**, 8, 3-21
- J14** Jones,P.D. and Hulme,M. (1990) Temperatures and sunshine duration over the UK during the period May to October 1989 compared to previous years **Weather**, 45, 430-437
- J15** Hulme,M. and Jones,P.D. (1991) Temperatures and windiness over the UK during the winters of 1988/89 and 1989/90 compared to previous years **Weather**, 46, 126-135
- J16** Hulme,M. (1991) An intercomparison of model and observed global precipitation climatologies **Geophys. Res. Lett.**, 18, 1715-1718
- J17** Hulme,M. (1991) Record warmth in 1990 and global warming **Geography**, 76, 365-369
- J18** Barring,L. and Hulme,M. (1991) Filters and approximate confidence intervals for interpreting rainfall anomaly indices **J. Climate**, 4, 837-847
- J19** Hulme,M. (1992) A 1951-80 global land precipitation climatology for the evaluation of General Circulation Models **Climate Dynamics**, 7, 57-72
- J20** Hulme,M., Biot,Y., Borton,J., Buchanan-Smith,M., Davies,S., Folland,C.K., Nicholds,N., Seddon,D. and Ward,M.N. (1992) Seasonal rainfall forecasting for Africa. Part I: current status and future development **Int. J. Env. Studies (A)**, 39, 245-256
- J21** Hulme,M., Biot,Y., Borton,J., Buchanan-Smith,M., Davies,S., Folland,C.K., Nicholds,N., Seddon,D. and Ward,M.N. (1992) Seasonal rainfall forecasting for Africa. Part II: application and impact assessment **Int. J. Env. Studies (A)**, 40, 103-121
- J22** Hulme,M., Marsh,R. and Jones,P.D. (1992) Global changes in a humidity index between 1931-60 and 1961-90 **Climate Research**, 2, 1-22
- J23** Hulme,M. (1992) Rainfall changes in Africa: 1931-60 to 1961-90 **Int. J. Climatol.**, 12, 685-699
- J24** Conway,D. and Hulme,M. (1993) Recent fluctuations in precipitation and runoff over the Nile sub-Basins and impacts on Main Nile discharge **Climatic Change**, 25, 127-152
- J25** Hulme,M. and Kelly,P.M. (1993) Exploring the links between desertification and climate change **Environment**, 35, 4-11 and 39-45
- J26** Hulme,M., Briffa,K.R., Jones,P.D. and Senior,C.A. (1993) Validation of GCM control simulations using daily airflows indices over the British Isles **Climate Dynamics**, 9, 95-105
- J27** Hulme,M., Hossell,J.E. and Parry,M.L. (1993) Future climate change and land use in the United Kingdom **Geogr. J.** 159, 131-147
- J28** Jones,P.D., Hulme,M. and Briffa,K.R. (1993) A comparison of Lamb circulation types with an objective classification derived from grid-point mean-sea-level pressure data **Int. J. Climatol.**, 13, 655-664
- J29** Briffa,K.R., Jones,P.D. and Hulme,M. (1994) Summer moisture supply across Europe: an analysis

- based on the Palmer Drought Severity Index, 1892-1991 **Int. J. Climatol.**, 14, 475-506
- J30** Hulme,M. (1994) Regional climate change scenarios based on IPCC emissions projections with some illustrations for Africa **Area**, 26, 33-44
- J31** Hulme,M. (1994) The cost of climate data - a European experience **Weather**, 49, 168-175
- J32** Hulme,M. and Jones,P.D. (1994) Global climate change in the instrumental period **Environmental Pollution**, 83, 23-36
- J33** Hulme,M., Zhao,Z-C. and Jiang,T. (1994) Recent and future climate change in East Asia **Int. J. Climatol.**, 14, 637-658
- J34** Rotmans,J., Hulme,M. and Downing,T.E. (1994) Climate change implications for Europe: an application of the ESCAPE model **Global Env. Change**, 4, 97-124
- J35** Airey,M. and Hulme,M. (1995) Validating precipitation simulations by climate models: problems, methods and applications **Prog. in Phys. Geography**, 19, 427-448
- J36** Hulme,M. (1995) Estimating changes in global precipitation **Weather**, 50, 34-42
- J37** Hulme,M. , Raper,S.C.B. and Wigley,T.M.L. (1995) An integrated framework to address climate change (ESCAPE) and further developments of the global and regional climate modules (MAGICC) **Energy Policy** 23 347-355
- J38** Hulme,M., Conway,D., Jones,P.D., Barrow,E.M., Jiang,T. and Turney,C. (1995) A 1961-90 climatology for Europe for climate change modelling and impacts applications **Int. J. Climatol.**, 15, 1333-1363
- J39** Srinivasan,G., Hulme,M. and Jones,C.G. (1995) An evaluation of the spatial and interannual variability of tropical precipitation as simulated by GCMs **Geophys. Res. Letts.**, 22, 1697-1700.
- J40** Viner,D., Hulme,M. and Raper,S.C.B. (1995) Climate change scenarios for the assessment of climate change on regional ecosystems **J. Therm. Biol.**, 20, 175-190.
- J41** Airey,M.J., Hulme,M. and Johns,T. (1996) Evaluation of simulations of precipitation by the UK Met. Office/Hadley Centre model **Geophys. Res. Letts.**, 23, 1657-1660.
- J42** Barrow,E.M. and Hulme,M. (1996) The changing probabilities of daily temperature extremes in the UK related to future global warming and changes in climate variability **Climate Research**, 6, 21-31
- J43** Barrow,E.M., Hulme,M. and Semenov,M. (1996) Effect of using different methods in the construction of climate change scenarios: examples from Europe **Climate Research**, 7, 195-211.
- J44** Conway,D. and Hulme,M. (1996) The impacts of climate variability and climate change in the Nile Basin on future water resources in Egypt **Int. J. Water Resources Development**, 12, 277-296.
- J45** Conway,D., Krol,M., Alcamo,J. and Hulme,M. (1996) Future water availability in Egypt: the interaction of global, regional and basin-scale driving forces in the Nile Basin **Ambio**, 25, 336-342.
- J46** Hulme,M. (1996) Recent climatic change in the world's drylands **Geophys. Res. Letts.**, 23, 61-64
- J47** Hulme,M., Conway,D., Joyce,A. and Mulenga,H. (1996) A 1961-90 climatology for Africa south of the equator and a comparison of PE estimates for the region **S.African J. Science**, 92, 334-343.
- J48** Jones,P.D. and Hulme,M. (1996) Calculating regional climatic time series for temperature and precipitation: methods and illustrations **Int J. Climatol.**, 16, 361-377.

- J49** Jones,P.D., Hulme,M., Briffa,K.R., Jones,C.G., Mitchell,J.F.B. and Murphy,J.G. (1996) Summer moisture variability over Europe in the Hadley Centre GCM using the Palmer Drought Severity Index **Int. J. Climatol.**, 16, 155-172.
- J50** Parry,M.L., Carter,T.R. and Hulme,M. (1996) What is a dangerous climate change? **Global Environmental Change**, 6, 1-6.
- J51** Wardlaw,R.B., Hulme,M. and Stuck,A.Y. (1996) Modelling the impacts of climatic change on water resources **J.Chartered Inst. Water & Env. Management**, 10, 355-364.
- J52** Chattopadhyay,N. and Hulme,M. (1997) Evaporation and potential evapotranspiration in India under conditions of recent and future climate change **Agric. and Forest Meteor.** 87, 55-72.
- J53** Downing,T.E., Ringius,L., Hulme,M. and Waughray,D. (1997) Adapting to climate change in Africa **Mitigation and Adaptation Strategies for Global Change**, 2, 19-44.
- J54** Hulme,M. (1997) The climate in the UK from November 1994 to October 1995 **Weather** 52, 242-257.
- J55** Hulme,M. and New.M. (1997) Dependence of large-scale precipitation climatologies on temporal and spatial gauge sampling **J.Climate** 10, 1099-1113.
- J56** Osborn,T.J. and Hulme,M. (1997) Development of a relationship between station and gridbox rainday frequencies for climate model validation **J.Climate** 10, 1885-1908.
- J57** Hulme,M. and Brown,O. (1998) Portraying climate scenario uncertainties in relation to tolerable regional climate change **Climate Research**, 10, 1-14.
- J58** Hulme,M. and Viner,D. (1998) A climate change scenario for the Tropics **Climatic Change**, 39, 145-176.
- J59** Hulme,M., Osborn,T.J. and T.C.Johns (1998) Precipitation sensitivity to global warming: Comparison of observations with HadCM2 simulations **Geophys. Res. Letts.**, 25, 3379-3382.
- J60** Osborn,T.J. and Hulme,M. (1998) Evaluation of the daily precipitation characteristics of AMIP atmospheric model simulations over Europe **Int. J. Climatol.**, 18, 505-522.
- J61** Parry,M.L., Arnell,N., Hulme,M., Nicholls,R.J. and Livermore,M. (1998) Adapting to the inevitable **Nature**, 395, 741.
- J62** Parry,M.L., Arnell,N.W., Hulme,M., Nicholls,R.J. and Livermore,M. (1998) Buenos Aires and Kyoto targets do little to reduce climate impacts **Global Env. Change** 8, 285-289.
- J63** Doherty,R.M., Hulme,M. and Jones,C.G. (1999) A gridded reconstruction of land and ocean precipitation for the extended Tropics from 1974-1994 **Int. J. Climatol.**, 19, 119-142.
- J64** 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.
- J65** Hulme,M., Harrison,P.A. and Arnell,N.W. (1999) Climate variability and crop yields in Europe: reply to Porter,J.R. and Semenov,M.A., **Nature**, 400, 724.
- J66** Hulme,M., Mitchell,J.F.B., Ingram,W., Johns,T.C., Lowe,J.A., New,M.G. and Viner,D. (1999) Climate change scenarios for global impacts studies **Global Environmental Change**, 9, S3-S19.
- J67** Jones,P.D., Horton,E.B., Folland,C.K., Hulme,M., Parker,D.E. and Basnett,T.A. (1999) The use of indices to identify changes in climatic extremes **Climatic Change**, 42, 131-149.

- J68** Mitchell,T. and Hulme,M. (1999) Predicting regional climate change: living with uncertainty **Prog. in Phys. Geogr.** , 23, 57-78.
- J69** New,M., Hulme,M. and Jones,P.D. (1999) Representing twentieth century space-time climate variability. Part 1: development of a 1961-90 mean monthly terrestrial climatology **J.Climate**, 12, 829-856.
- J70** Osborn,T.J., Conway,D., Hulme,M., Gregory,J.M. and Jones,P.D. (1999) Air flow influences on local climate: observed and simulated mean relationships for the UK **Climate Research** 13, 171-191.
- J71** Parry,M.L., Arnell,N.W., Hulme,M., Martens,P., Nicholls,R.J. and White,A. (1999) The global impact of climate change: a new assessment **Global Environmental Change**, 9, S1-S2.
- J72** Lorenzoni,I., Jordan,A., Hulme,M., Turner,R.K. and O'Riordan,T. (2000) A co-evolutionary approach to climate change impact assessment: part I - integrating socio-economic and climate change scenarios **Global Environmental Change**, 10, 57-68.
- J73** Lorenzoni,I., Jordan,A., Hulme,M., Turner,R.K. and O'Riordan,T. (2000) A co-evolutionary approach to climate change impact assessment (II): a scenario-based case study in the UK **Global Environmental Change**, 10, 145-155.
- J74** 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.
- J75** New,M.G. and Hulme,M. (2000) Representing uncertainties in climate change scenarios: a Monte Carlo approach **Integrated Assessment**, 1, 203-213.
- J76** Osborn,T.J., Hulme,M., Jones,P.D. and Basnett,T. (2000) Observed trends in the daily intensity of United Kingdom precipitation **Int. J.Climatol.**, 20, 347-364.
- J77** Subak,S., Palutikof,J.P., Agnew,M.D., Watson,S.J., Bentham,C.G., Cannell,M.G.R., Hulme,M., McNally,S., Thornes,J.E., Waughray,D. and Woods,J.C. (2000) The impact of the anomalous weather of 1995 on the UK economy **Climatic Change** 44, 1-26.
- J78** Dessai,S. and Hulme,M. (2001) Climatic implications of revised IPCC emissions scenarios, the Kyoto Protocol and quantification of uncertainties **Integrated Assessment**, 2, 159-170.
- J79** Horton,E.B., Parker,D.E., Folland,C.K., Jones,P.D. and Hulme,M. (2001) The effect of increasing the mean on the percentage of extreme values in Gaussian and skew distributions. Response to X. Zhang *et al.* **Climatic Change**, 50, 509-510.
- J80** Hulme,M. (2001) Climatic perspectives on Sahelian desiccation: 1973-1998 **Global Environmental Change** 11, 19-29.
- J81** Hulme,M. (2001) Manabe,S. and Wetherald,R.T. 1975: The effects of doubling the CO<sub>2</sub> concentration on the climate of a general circulation model *Journal of the Atmospheric Sciences*, 32, 3-15. Classics in physical geography revisited **Prog. in Phys. Geog.**, 25, 385-387.
- J82** Hulme,M., Doherty,R.M., Ngara,T., New,M.G. and Lister,D. (2001) African climate change: 1900-2100 **Climate Research** 17, 145-168.
- J83** New,M., Todd,M., Hulme,M. and Jones,P.D. (2001) Precipitation measurements and trends in the twentieth century **Int. J. Climatol.**, 21, 1899-1922.
- J84** Arnell,N.W., Cannell,M.G.R., Hulme,M., Kovats,R.S., Mitchell,J.F.B., Nicholls,R.J., Parry,M.L., Livermore,M.T.J. and White,A. (2002) The consequences of CO<sub>2</sub> stabilisation for the impacts of climate change **Climatic Change** 53, 413-446.

- J85** Doherty,R.M. and Hulme,M. (2002) The relationship between the SOI and extended tropical precipitation in simulations of future climate change **Geophys. Res. Letts.** 29(10), 113-14.
- J86** Lu,X., Crossley,J. and Hulme,M. (2002) An exploration of regional climate change scenarios for Scotland **Scottish Geographical Journal**, 117, 251-270.
- J87** Mitchell,T.D. and Hulme,M. (2002) Length of the growing season **Weather**, 57, 196-198.
- J88** Mitchell,T.D., Hulme,M. and New,M. (2002) Climate data for political areas **Area**, 34, 109-112.
- J89** New,M., Lister,D., Hulme,M. and Makin,I. (2002) A high-resolution data set of surface climate over global land areas **Climate Research** 21, 1-25
- J90** Osborn,T.J. and Hulme,M. (2002) Evidence for trends in heavy rainfall events over the UK **Phil. Transactions of the Royal Society (A)**, 360, 1313-1325.
- J91** Patz,J.A., Hulme,M., Rosenzweig,C., Mitchell,T.D., Goldberg,R.A., Githeko,A.K., Lele,S., McMichael,A.J. and Le Sueur,D. (2002) Regional warming and malaria resurgence **Nature** 420, 627-628.
- J92** Turnpenny,J.R., Crossley,J.F., Hulme,M. and Osborn,T.J. (2002) Air flow influences on local climate: comparison of a regional climate model with observations over the United Kingdom. **Climate Research**, 20, 189-202.
- J93** Adger,W.N., Huq,S., Brown,K., Conway,D. and Hulme,M. (2003) Adaptation to climate change in the developing world **Progress in Development Studies**, 3, 179-195.
- J94** Hulme,M. (2003) Abrupt climate change: can society cope? **Phil. Trans. Royal Society London (A)**, 361, 2001-2021.
- J95** Goodess,C.G., Hanson,C., Hulme,M. and Osborn,T.J. (2004) Representing climate and extreme weather events in integrated assessment models: a review of existing methods and options for development **Integrated Assessment** 3, 145-171.
- J96** Dessai,S., Adger,N.W., Hulme,M., Köhler,J., Turnpenny,J. and Warren,R. (2004) Defining and experiencing dangerous climate change **Climatic Change** 64, 11-25.
- J97** Hulme,M. and Turnpenny,J. (2004) Understanding and managing climate change: the UK experience **Geographical Journal** 170, 115-125.
- J98** Dai,A., Lamb,P.J., Trenberth,K.E., Hulme,M., Jones,P.D. and Xie,P. (2004) The recent Sahel drought is real **Int. J. Climatol.**, 24, 1323-1331.
- J99** Watkinson,A.R., Gill,J.A. and Hulme,M. (2004) Flying in the face of climate change: a review of climate change, past, present and future **Ibis**, 146 (Suppl. 1), 4-10.
- J100** Dessai,S. and Hulme,M. (2004) Does climate adaptation policy need probabilities? **Climate Policy** 4, 107-128.
- J101** Adger,W.N., Brown,K. and Hulme,M. (2005) Re-defining global environmental change **Global Environmental Change**, 15, 1-4.
- J102** Dessai,S., Lu,X. and Hulme,M. (2005) Limited sensitivity analysis of regional climate change probabilities for the 21st century **J. Geophys. Res.**, 110, D19108, doi:10.1029/2005JD005919
- J103** Dessai,M. and Hulme,M. (2007) 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** 17(1), 59-72.

- J104** Dessai,M., O'Brien,K. and Hulme,M. (2007) On uncertainty and climate change **Global Environmental Change** 17(1), 1-3
- J105** Hulme,M. and Dessai,S. (2007) Negotiating future climates: a critical review of the development of climate scenarios for the UK **Environmental Science and Policy**  
[doi:10.1016/j.envsci.2007.09.003](https://doi.org/10.1016/j.envsci.2007.09.003)
- J106** Hulme,M. (2008) Geographical work at the boundaries of climate change **Trans. Inst. Brit. Geogr.** 33, 5-11.

## Books or Book Chapters

- B1** Hulme,M. (1988) Changes in wet season structure in central Sudan, 1900-86 pp.179-182 in, **Recent climatic fluctuations and changes: data, characteristics and impacts** (ed.) Grgeory,S., Belhaven Press, London, 310pp.
- B2** Hulme,M., Wigley,T.M.L. and Jones,P.D. (1990) Limitations of regional climate scenrios for impact analysis pp.111-129 in, **Landscape-ecological impact of climatic change** (eds.) Boer,M.M. and de Groot,R.S., IOS, Amsterdam, 429pp.
- B3** Hulme,M. (1991) Living in the greenhouse pp.68-73 in, **Children's Britannica Yearbook 1991** Encyclopaedia Britannica International Ltd, London, 232pp.
- B4** Hulme,M. and Trilsbach,A. (1991) Rainfall trends and rural changes in Sudan since Nimeiri pp.1-18 in, **Sudan after Nimeiri** (ed.) Woodward,P., Routledge/SOAS, London, 223pp.
- B5** Hulme,M. (1992) Recent and future precipitation changes over the Nile Basin pp.187-201 in, **Climate fluctuations and water management** (eds.) Biswas,A.K. and Abu Said,M.A., Butterworth-Heineman, Oxford
- B6** Hulme,M. (1993) Historic records and recent climatic change pp.69-98 in, **The changing global environment** (ed.) Roberts,N., Blackwell, Oxford, 531pp.
- B7** Hulme,M. (1994) Global climate change and the Nile Basin pp.139-162 in, **The Nile: sharing a scarce resource** (eds.) Howell,P.P. and Allan,J.A., Cambridge University Press, Cambridge, 408pp.
- B8** Hulme,M. (1994) Global climate seasonality, variability and change pp.50-63 in, **Atlas of world development** (ed.) Unwin,P.T.H., J.Wiley & Sons, Chichester, 346pp.
- B9** Hulme,M. (1994) Validation of large-scale precipitation fields in General Circulation Models pp.387-405 in, **Global precipitations and climate change** (eds. Desbois,M.and Désalmand,F.), Springer-Verlag, Berlin, 466pp.
- B10** Hulme,M. (1994) Global warming and the implications for Asia and the Pacific pp.39-46 in, **The Far East and Australasia, 1995** (26th edn.) Europa Publications, London, 1142pp.
- B11** Ojwang,J.B., Hulme,M., Conway,D., Kelly,P.M., Subak,S. and Downing,T.E. (1995) Greenhouse gas emissions and their impacts pp.49-84 in, **A climate for development: climate change policy options for Africa** (eds.) Okoth-Ogendo,H.W.O. and Ojwang,J.B., ACTS Press/SEI, Nairobi, Kenya, 264pp.
- B12** Okoth-Ogendo,H.W.O., Ogallo,L, Hulme,M., Conway,D., Kelly,P.M., Subak,S. and Downing,T.E. (1995) Global climate change and the environment pp.11-46 in, **A climate for development: climate change policy options for Africa** (eds.) Okoth-Ogendo,H.W.O. and Ojwang,J.B., ACTS Press/SEI, Nairobi, Kenya, 264pp.
- B13** CCIRG (co-author) (1996) **Review of the potential effects of climate change in the UK**, HMSO, London, 247pp.

- B14** Hulme,M. (1996) Climatic change within the period of meteorological records pp.88-102 in, **The physical geography of Africa** (eds.) Adams,W.M., Goudie,A.S. and Orme,A.R., Oxford University Press, Oxford, UK, 348pp.
- B15** Barrow,E.M. and Hulme,M. (1997) Describing the surface climate of the British Isles pp.33-62 in, **Climates of the British Isles: present, past and future** (eds.) Hulme,M. and Barrow,E.M., Routledge, London, UK, 454pp.
- B16** Hulme,M. and Barrow,E.M. (1997) Introducing climate change pp.1-7 in, **Climates of the British Isles: present, past and future** (eds.) Hulme,M. and Barrow,E.M., Routledge, London, UK, 454pp.
- B17** Hulme,M. and Barrow,E.M. (eds.) (1997) **Climates of The British Isles: present, past and future** Routledge, London, 454pp.
- B18** Jones,P.D. and Hulme,M. (1997) The changing temperature of 'Central England' pp.173-195 in, **Climates of the British Isles: present, past and future** (eds.) Hulme,M. and Barrow,E.M., Routledge, London, UK, 454pp.
- B19** Raper,S.C.B., Viner,D., Hulme,M. and Barrow,E.M. (1997) Global warming and the British Isles pp.326-339 in, **Climates of the British Isles: present, past and future** (eds.) Hulme,M. and Barrow,E.M., Routledge, London, UK, 454pp.
- B20** Hulme,M. (1998) The sensitivity of Sahel rainfall to global warming: implications for scenario analysis of future climate change impact pp. 429-436 in, **Water resources variability in Africa during the 20<sup>th</sup> century**, Servat,E., Hughes,D., Fritsch,J.M. and Hulme,M. (eds.), IAHS Publication No.252, Wallingford, UK, 462pp.
- B21** Servat,E., Hughes,D., Fritsch,J.M. and Hulme,M. (eds.) (1998) **Water resources variability in Africa during the 20<sup>th</sup> century**, IAHS Publication No.252, Wallingford, UK, 462pp.
- B22** Smith,J.B. and Hulme,M. (1998) Climate change scenarios Chapter 3 in, **Handbook on methods of climate change impacts assessment and adaptation strategies** (ed.) Feenstra,J., Burton,I., Smith,J.B. and Tol,R.S.J., UNEP/IES, Version 2.0, October, Amsterdam
- B23** Carter,T., Hulme,M. and Viner,D. (eds.) (1999) **Representing uncertainty in climate change scenarios and impact studies** Proceedings of the ECLAT-2 Helsinki Workshop, 14-16 April, 1999, Climatic Research Unit, Norwich, UK, 128pp.
- B24** Hulme,M. (1999) Climate change pp.406-436 in, **The Changing Geography of the UK** (eds.) Gardiner,V. and Matthews,H., Routledge, London, 528pp.
- B25** Hulme,M. and Carter,T.R. (1999) Representing uncertainty in climate change scenarios and impact studies pp.11-37 in, **Representing uncertainty in climate change scenarios and impact studies, proceedings of the ECLAT-2 Helsinki Workshop, 14-16 April, 1999** (eds.) Carter,T., Hulme,M. and Viner,D., Climatic Research Unit, Norwich, UK, 128pp.
- B26** Beersma,J., Agnew,M., Viner,D. and Hulme,M. (eds.) (2000) **Climate scenarios for water-related and coastal impacts** Proceedings of the ECLAT-2 KNMI Workshop, 10-12 May 2000, Climatic Research Unit, UEA, Norwich, UK, 144pp.
- B27** Cramer,W., Doherty,R., Hulme,M. and Viner,D. (eds.) (2000) **Climate scenarios for agricultural, forest and ecosystem impacts** Proceedings of the ECLAT-2 Potsdam Workshop, 13-15 October 1999, Climatic Research Unit, UEA, Norwich, UK, 120pp.

- B28** Hulme,M. and Carter,T.R. (2000) The changing climate of Europe pp.47-84 in, **Assessment of potential effects and adaptations for climate change in Europe: the Europe ACACIA project** (ed.) Parry,M.L., The Jackson Environment Institute, UEA, Norwich, UK, 320pp.
- B29** Hulme,M. and Sheard,N. (2000) Escenarios de cambio climatico para la Argentina pp.314-319 in, **Situacion ambiental Argentina 2000** (eds.) Bertonatti,C. and Corcuera,J., Fundacion vida Silvestre Argentina, Buenos Aires, Argentina, 440pp.
- B30** Giorgi,F., Hewitson,B., Christensen,H.J., Hulme,M., Von Storch,H., Whetton,P., Jones,R., Mearns,L.O. and Fu,C. (2001) Regional climate information – evaluation and projections pp. 583-638 in, **Climate change 2001: the scientific basis** (eds.) Houghton,J.T., Ding,Y., Griggs,D.J., Noguer,M., van der Linden,P.J., Dai,X., Maskell,K. and Johnson,C.A. (eds.) (2001) Contribution of WG1 to the IPCC Third Assessment, Cambridge University Press, Cambridge, UK, 944pp.
- B31** Magistro,J., Roncoli,C. and Hulme,M. (eds.) (2001) Anthropological perspectives and policy implications of climate change research **Climate Research Special Issue 11**, volume 19
- B32** Mearns,L.O., Hulme,M., Carter,T.R., Lal,M., Leemans,R. and Whetton,P.H. (2001) Climate scenario development pp.739-768 in, **Climate change 2001: the scientific basis** (eds.) Houghton,J.T., Ding,Y., Griggs,D.J., Noguer,M., van der Linden,P.J., Dai,X., Maskell,K. and Johnson,C.A. (eds.) (2001) Contribution of WG1 to the IPCC Third Assessment, Cambridge University Press, Cambridge, UK, 944pp.
- B33** Hulme,M. (2002) Climate change: a sober assessment pp.1-17 in, **Nature’s revenge?: hurricanes, floods and climate change** (ed.) Tony Gilland, Institute of Ideas, Hodder & Stoughton, London, UK, 88pp.
- B34** Hulme,M. (2002) The changing climate of the UK: now and in the future pp.9-26 in, **Climate change: impacts on UK forests** (ed.) Mark Broadmeadow, Forestry Bulletin No. 125, Institute of Chartered Foresters/Forestry Commission, Edinburgh, 198pp.
- B35** Hulme,M. (2004) A change in the weather ? Coming to terms with climate change pp.21-44 in, **Global environmental issues** (ed.) Harris,F., Wiley & Sons, Chichester, UK, 324pp.
- B36** Hulme,M. (2005) Recent trends in climate pp.31-40 in, **Climate change and biodiversity** (eds.) Lovejoy,T.E. and Hannah,L., Yale University Press, Yale, USA, 418pp.
- B37** Metz,B. and Hulme,M. (eds.) (2005) Climate policy options post-2012: European strategy, technology and adaptation after Kyoto **Climate Policy** (Special Issue), 5, 243-391.
- B38** Hulme,M., Doherty,R.M., Ngara,T. and New,M.G. (2005) Global warming and African climate change: a re-assessment pp.29-40 in, **Climate change and Africa** (ed.) P.S.Low, Cambridge University Press, Cambridge, UK, 369pp.
- B39** Dessai,M., O’Brien,K. and Hulme,M. (eds.) (2007) Uncertainty in climate change adaptation in mitigation **Global Environmental Change** Special Issue, Volume 17(1).
- B40** Andronova,N., Schlesinger,M.E., Dessai,S., Hulme,M. and Li,B. (2007) The concept of climate sensitivity: history and development pp.5-17 in, **Human-induced climate change: an interdisciplinary assessment** (eds.) Schlesinger,M.E., Khesgi,H., Smith,J., Chesnaye,F., Reilly,J.M., Wilson,T. and Kolstad,C., Cambridge University Press, Cambridge, UK, 451pp.

## Other Formal Publications (ISSN, ISBN listed)

- P1** Hulme,M. (1982) A new winter index and geographical variations in winter weather **J. of Meteorology** (UK), 7, 294-300
- P2** Hulme,M. and R.P.D.Walsh (1985) A generation of drought that triggered disaster **New Scientist**, 1451, 11
- P3** Hulme,M. (1987) **Annotated bibliography of the climate of Sudan** Cambridge Occasional Papers No.5, African Studies Centre, Cambridge, 54pp.
- P4** Hulme,M. (1987) Some hydrological consequences of secular climatic change in White Nile Province, central Sudan pp.35-46 in, **African resources: monitoring and appraisal, Vol.1** (eds.) Millington,A.C., Binns,J.A. and Mutiso,S.K. Reading Geographical Paper No.96, University of Reading, 57pp.
- P5** Hulme,M. (1988) The Tropical Easterly Jet and Sudan rainfall, 1968-85 **Climate Monitor**, 17, 122-133.
- P6** Hulme,M. (1990) Global climate change and the Nile Basin pp.59-82 in, **The Nile: resource evaluation, resource management, hydropolitics and legal issues** (eds.) Howell,P.P. and Allan,J.A., Centre of Near and Middle-Eastern Studies, SOAS, London, 238pp.
- P7** Hulme,M. (1990) The application of seasonal rainfall forecasts for Africa **Disasters**, 14, 171-172.
- P8** Hulme,M. (1990) Rainbows in the greenhouse **Third Way**, May, 22-24.
- P9** Hulme,M. (1991) Rainfall monitoring and forecasting in Sudan pp.70-75 in, **Sudan: environment and people, Conference papers (Vol.2)**, SSS(UK)/University of Durham, 329pp.
- P10** Hulme,M. (1991) Environment and climate change: the challenge for China **Disasters**, 15, 282-285
- P11** Hulme,M. (1991) Global warming **Prog. in Phys. Geography**, 15, 310-318
- P12** Wigley,T.M.L., Jones,P.D., Hulme,M. and Kelly,P.M. (1991) Recent global temperature changes: ozone and aerosol influences pp.194-202 in, **Proceedings of the 16th Annual Climate Diagnostics Workshop, October 28 to November 1, 1991**, NOAA/CAC, 451pp.
- P13** Hulme,M. (1992) International conference on the physical causes of drought and desertification **Disasters**, 16, 185-188.
- P14** 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).
- P15** Hulme,M. (1993) Global warming **Prog. in Phys. Geogr.**, 17, 81-91
- P16** Jones,P.D. and Hulme,M. (1993) The climate: temperatures, windiness and sunshine duration pp.3-10 & 65-73 in, **Impacts of mild winters and hot summers in the UK in 1988-1990** (eds.) Cannell,M.G.R. and Pitcairn,C.E.R., HMSO, London, 154pp.

- P17** Hulme,M. (1994) Century-scale time series of regional rainfall anomalies for Africa pp.964-973 in, **Trends '93: A compendium of data on global change** (eds.) Boden,T.A., Kaiser,D.P., Sepanski,R.J. and Stoss,F.W., ORNL/CDIAC-65 Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tenn., USA, 984pp.
- P18** Hulme,M. (1994) Global warming **Prog. in Phys. Geography**, 8, 401-410
- P19** Hulme,M. (1994) Using climate information in Africa: some examples related to drought, rainfall forecasting and global warming **IDS Bulletin**, 25, 59-68
- P20** Hulme,M. , Raper,S.C.B. and Wigley,T.M.L. (1994) An integrated framework to address climate change (ESCAPE) and further developments of the global and regional climate modules (MAGICC) pp.289-308 in, **Integrative assessment of mitigation, impacts and adaptation to climate change** (ed.) Nakicenovic,N., Nordhaus,W.D., Richels,R. and Toth,F., IIASA Collaborative Paper Series CP-94-9, Laxenburg, Austria, 669pp.
- P21** Hulme,M. and Zhao,Z. (1994) Century-scale series of annual and seasonal precipitation anomalies for East Asia pp.911-917 in, **Trends '93: A compendium of data on global change** (eds.) Boden,T.A., Kaiser,D.P., Sepanski,R.J. and Stoss,F.W., ORNL/CDIAC-65 Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge,
- P22** Hulme,M., Conway,D., Kelly,P.M., Subak,S. and Downing,T.E. (1995) **The impacts of climate change on Africa** Stockholm Environment Institute, Stockholm, Sweden, 46pp.
- P23** Hulme,M. (1996) Global warming **Prog. in Phys. Geogr.**, 20, 222-229
- P24** Hulme,M. (ed.) (1996) **Climate change and southern Africa: an exploration of some potential impacts and implications** CRU/WWF, Norwich, UK, 103pp.
- P25** Ringius,L., Downing,T.E., Hulme,M., Waughray,D. and Selrod,R. (1996) Climate change in Africa – issues and regional strategy **CICERO Report 1996:8**, Oslo, Norway, 154pp.
- P26** Bohn,L. and Hulme,M. (1997) El Niño's: the heartbeat of climates **The World Today**, 53, 306-309.
- P27** Hulme,M. (1997) Global warming **Prog. in Phys. Geogr.**, 21, 446-453.
- P28** Hulme,M. and Parry,M.L. (1997) Whistling in the dark **New Scientist** 6 December, p.51
- P29** Hulme,M., Parry,M.L., Arnell,N. and Nicholls,R.J. (1997) Trouble is on its way **The Guardian**, 2 December, p.17
- P30** Hulme,M. (1998) Global warming **Prog. in Phys. Geogr.**, 22, 398-406.
- P31** Hulme,M. (1998) Is global climate changing? **Suffolk Wildlife Trust** Spring/Summer Issue, pp.14-15.
- P32** 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.
- P33** Hulme,M. and Parry,M.L. (1998) Adapt or mitigate? Responding to climate change **Town & Country Planning**, 67, 50-51.
- P34** Hulme,M. (1999) Future climates of the UK: the UKCIP98 climate change scenarios **Town &**

- Country Planning**, 68, 12-13.
- P35** Hulme,M. (1999) Global warming **Prog. in Phys. Geogr.**, 23, 283-291..
- P36** Carter,T.R., Hulme,M., Crossley,J.F., Malyshev,S., New,M.G., Schlesinger,M.E. and Tuomenvirta,H. (2000) Climate change in the 21st century: interim characterizations based on the new IPCC emissions scenarios **Finnish Environment Institute Report No.433**, Helsinki, Finland, 148pp.
- P37** Hulme,M. (2000) Choice is all **New Scientist** 2263, 4 November, 56-57.
- P38** Hulme,M. (2000) Global warming **Prog. Phys. Geography**, 24, 591-599.
- P39** Hulme,M. (2000) Heavy weather? **Third Way**, 23, 8-9.
- P40** Hulme,M. (contributor) (2000) **Wales: changing climate, challenging choices – the impacts of climate change in Wales from 2000 to 2080** (eds.) Farrar,J.F. and Vaze,P., The National Assembly of Wales, Cardiff, 101pp.
- P41** Hulme,M. and Dwyer,I. (2000) UK climate research set fair **Science and Public Affairs**, December, 14-15.
- P42** Hulme,M., Wigley,T.M.L., Barrow,E.M., Raper,S.C.B., Centella,A., Smith,S. and Chipanshi,A. (2000) **Using a Climate Scenario Generator in Vulnerability and Adaptation Assessments: MAGICC and SCENGEN Workbook**, Climatic Research Unit, UEA, Norwich, 60pp.
- P43** Hulme,M. (2000) There is no longer such a thing as a purely natural weather event **The Guardian**, 15 March, Environment Section
- P44** Hulme,M. (2001) Defining future climates – from scenarios to risk assessments pp.8-9 in, **Impacts of climate change on wildlife** (eds.) Green,R.E., Harley,M., Spalding,M. and Zöckler,C., RSPB, UK, 71pp.
- P45** Hulme,M. and Torok,S. (2001) New Tyndall Centre to encourage integrated climate research **Ocean Challenge**, 10, 15-16.
- P46** Hulme,M., Crossley,J. and Lu,X. (2001) **An exploration of regional climate change scenarios for Scotland** The Scottish Executive Central Research Unit, Edinburgh, 50pp.
- P47** Adger,W. N., Brooks,N. Brown,K. Conway,D., Haxeltine,A. and Hulme,M. (2002) Memorandum of evidence on climate change and sustainable development by the Tyndall Centre for Climate Change Research pp.59-62 in, **House of Commons, International Development Committee, Global Climate Change and Sustainable Development. HC Paper 519-II. Session 2001-02.** The Stationery Office: London, UK
- P48** Hulme,M. (2002) Framework for an integrated global climate management strategy **Science in Parliament**, 59, 14-15.
- P49** Hulme,M. (2002) Frameworks for an integrated global climate management strategy **Environmental Scientist**, 11, 7-8.
- P50** Hulme,M., Jenkins,G.J., Brooks,N., Cresswell,D., Doherty,R., Durman,C., Gregory,J., Lowe,J. and Osborn,T.J. (2002) What is happening to global climate and why? pp.18-49 in, **Health effects of climate change in the UK** Department of Health Report, London, UK, 238pp.
- P51** 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.
- P52** Hulme,M., Turnpenny,J.R. and Jenkins,G.J. (2002) **Climate change scenarios for the UK: the UKCIP02 briefing report** Tyndall Centre, UEA, Norwich, UK, 14pp.

- P53** Hulme,M. (2003) Mike Hulme pp.244-245 in **Moving on up** (ed.) Brown,S., Ebury Press, London, UK, 336pp.
- P54** Lu,X. and Hulme,M. (2004) Combating climate change Chapter in: **Introducing sustainable development in 9½ chapters** LEAD International CD-ROM, London, UK [ISBN 0-9546927-0-5].
- P55** Hulme,M., Githeko,A. and Matthies,F. (2005) Climate change and infectious diseases in Africa pp.27-33 in, **Infectious diseases in Africa: using science to fight the evolving threat** (ed.) Office of Science and Technology, DTI, London, UK, 57pp.
- P56** Hulme,M. (2006) We need a change of climate to survive **Times Higher Educational Supplement**, 6 January, p.14
- P57** Hulme,M. (2006) Climate change in Europe: implications for the future and choices for the present pp.16-17 in, '**Climate change and biodiversity – meeting the challenge**' Report of the 13<sup>th</sup> Annual Conference of the EEAC, English Nature, UK, 84pp.
- P58** Hulme,M. (2006) Break moulds to recognize value of interdisciplinary research **Research Fortnight**, 22 November, pp.16-18.
- P59** Hulme,M. (2007) Newspaper scare headlines can be counter-productive **Nature** 445, 818
- P60** Hulme,M. (2007) The limits of the Stern Review for climate change policy-making **Bulletin of the British Ecological Society** March issue, pp.20-21
- P61** Hulme,M. (2007) The appliance of science in **The Guardian**, 14 March, G2, p.9
- P62** Hulme,M. (2007) Understanding climate change: the power and the limit of science **Weather** 62(9), 243-244.
- P63** Dawson,R., Hall,J., O'Connell,E., Hulme,M., Lenton,T., Watkinson,A., Nicholls,R., Stansby,P., Clare,M. and Abbas,A. (2007) A response to 'Climate stability: an inconvenient proof' by Bellamy,D. and Barrett,J. **Proceedings of the Institution of Civil Engineers: Civil Engineering**, 160(3), 104-105.

## Unpublished Reports/Articles/Conference Proceedings/Web Publications (no ISSN, ISBN)

- U1** Hulme,M. (1981) **A synoptic study of recent winters in the British Isles** Unpublished B.Sc. Dissertation, Department of Geography, University of Durham, 62pp.
- U2** Hulme,M. (1981) A critical assessment of weather indices with an empirical example of their construction **The Journal (Durham University Geographical Society)** 23, 35-42
- U3** Hulme,M. and A.Leyshon (eds.) (1984) **Swansea Geographer (25<sup>th</sup> Year Commemorative Edition)**, 21, 127pp.
- U4** Hulme,M. (1985) **Secular climatic and hydrological change in central Sudan** Unpublished Ph.D. Thesis, University of Wales, 292pp.
- U5** Hulme,M. (1985) Four reasons why annual rainfall totals are an inadequate guide to the environmental impact of rainfall in semi-arid Sudan **Sudan Environment**, 5, 1-5
- U6** Hulme,M. (1986) **A monthly rainfall assessment model for central Sudan** Report prepared for Oxfam, Oxford, Department of Geography, University of Salford, 25pp.
- U7** Hulme,M. (1986) A monthly rainfall assessment model for central Sudan **Discussion Paper No.31**, Department of Geography, University of Salford, 25pp.
- U8** Hulme,M. (1987) Sudan Meteorological Office: Salford branch **Sudan Studies (UK)**, 1, 10-11
- U9** Hulme,M. and Tosdevin,N. (1988) The Tropical Easterly Jet and Sudan rainfall, I: a review of ideas **Discussion Paper No.38**, Department of Geography, University of Salford, 24pp.
- U10** Hulme,M. and Tosdevin,N. (1988) The Tropical Easterly Jet and Sudan rainfall, II: inter and intra-annual variability during 1968-85 **Discussion Paper No.39**, Department of Geography, University of Salford, 66pp.
- U11** Hulme,M. (1989) **Analysis of worldwide precipitation records and comparison with model predictions** Interim report for the Department of Environment, Contract No.PECD/7/10/198, Norwich, 29pp.
- U12** Hulme,M. (1989) Recent rainfall in perspective **Sudan Studies (UK)**, 6, 9
- U13** Hulme,M. and Jones,P.D. (1989) **Climate change scenarios for the UK** Report for the Institute of Hydrology, Contract No.F3CR05-C1-31-01, Climatic Research Unit, Norwich, 87pp.
- U14** Hulme,M and Marsh,R. (1990) **Global mean monthly humidity surfaces for 1930-59, 1960-89 and projected for 2030** Report prepared for UNEP/GEMS/GRID (Nairobi), Climatic Research Unit, Norwich, 74pp.
- U15** Hulme,M. (1990) The Sudan wet season in 1989 **Sudan Studies (UK)**, 8, 3
- U16** Hulme,M. (ed.) (1990) **Seasonal rainfall forecasting for Africa: recommendations for forecast development, implementation and impact assessment** Report prepared for the Natural Resources Institute, ODA, Climatic Research Unit, Norwich, 111pp.

- U17** Hulme,M. (1991) The 1990 wet season in Sudan **Sudan Studies (UK)**, 10, 21-22
- U18** Hulme,M. (1991) **Analysis of worldwide precipitation records and comparison with model predictions** Final Report for the UK Department of the Environment, Contract PECD/7/10/198, Climatic Research Unit, Norwich, 76pp.
- U19** Hulme,M. (ed.) (1992) **A scientific description of the ESCAPE software** Climatic Research Unit, Norwich, 126pp. (plus Annexes)
- U20** Hulme,M. (ed.) (1992) **A user manual for the ESCAPE software** Climatic Research Unit, Norwich, 60pp.
- U21** Hulme,M., Barthelmie,R.J. and Jiang,T. (1992) **Future changes in transient climate and climatic extremes in the UK: implications for agriculture** Interim Report prepared for MAFF, Contract No. CSA 1973, Climatic Research Unit, Norwich, 58pp.
- U22** Hulme,M., Briffa,K.R., Jones,P.D. and Wigley,T.M.L. (1992) **GCM validation and climate change detection** Interim Report for the UK Department of the Environment, Contract No. PECD/7/12/78, Climatic Research Unit, Norwich, 48pp.
- U23** Hulme,M., Haves,P. and Boardman,B. (1992) Impacts of climate change pp.40-49 in, **Proceedings of the Workshop on Innovative Cooling**, sponsored by the International Energy Agency - Future Buildings Forum, Birmingham, May 12-14, 1992.
- U24** Kelly,P.M. and Hulme,M. (1992) **Climate scenarios for the SADCC region** Prepared for the IIED/UEA/WCU Project on "Climate change and the Third World", CRU/IIED Norwich, (March), 24pp.
- U25** Viner,D. and Hulme,M. (1992) **Climate change scenarios for the impacts community in the UK: General Circulation Models, scenario construction methods and applications for impact assessment** Report prepared for the UK Department of the Environment, Contract No. 7/12/96, Climatic Research Unit, Norwich, 70pp.
- U26** Hulme,M. (1993) **A note on the incidence of drought in sub-Saharan Africa** A Report for the ODI, London, Climatic Research Unit, Norwich, 22pp.
- U27** Hulme,M. and Jones,P.D. (1993) A historical monthly precipitation dataset for global land areas: applications for climate monitoring and climate model evaluation pp. A/14-A/17 in, **Analysis methods of precipitation on a global scale** Report of a GEWEX Workshop, 14-17 September 1992, Koblenz, Germany, WMO/TD-No.558, Geneva
- U28** Hulme,M. and Kelly,P.M. (1993) Climate change, desertification and dessication and the case of the African Sahel **CSERGE Working Paper GEC 93-17**, University of East Anglia, Norwich, 37pp.
- U29** Hulme,M., Barrow,E.M., Jiang,T. and Turney,C. (1993) **A 1961-90 baseline climatology and future climate change scenarios for Great Britain and Europe, Parts I and II**, A Report prepared for the TIGER IV3.a Consortium, "Landscape dynamics and climate change", Climatic Research Unit, Norwich
- U30** Kelly,P.M. and Hulme,M. (1993) **Climate scenarios for the Indian subcontinent and the Himachal Pradesh region** IIED/CRU, Climatic Research Unit, Norwich, 27pp.
- U31** Barrow,E.M., Hulme,M. and Jiang,T. (1994) **Future changes in transient climate and climatic extremes in the UK: implications for agriculture** Report prepared for MAFF Contract CSA 1973, Climatic Research Unit, Norwich, 63pp.
- U32** Hulme,M. (1994) Climatic information for managing drought **Development Research Insights**,

- U33** Hulme,M. (1994) **Rainfall variability and drought-risk analysis in sub-Saharan Africa** A Report for the ODI, London, Climatic Research Unit, Norwich, 38pp.
- U34** Hulme,M., Conway,D., Brown,O. and Barrow,E.M. (1994) **A 1961-90 baseline climatology and future climate change scenarios for Great Britain and Europe: Part III, Climate change scenarios for Great Britain and Europe**, A Report prepared for the TIGER IV3.a Consortium, "Landscape dynamics and climate change", Climatic Research Unit, Norwich, 29pp.
- U35** Rao,P.G., Kelly,P.M., Hulme,M. and Srinivasan,G. (1994) Climatic change, greenhouse gas emissions, future climate and response strategies: the implications for India **CSERGE Working Paper GEC 94-22**, University of East Anglia, Norwich, 63pp.
- U36** Viner,D. and Hulme,M. (1994) **The Climate Impacts LINK Project: providing climate change scenarios for impacts assessment in the UK** Climatic Research Unit, Norwich, 24pp.
- U37** Viner,D., Hulme,M. and Raper,S.C.B. (1994) Construction of climate change scenarios for the British Isles from GCM transient climate change experiments **Climate Impacts LINK Technical Note No.5**, Climatic Research Unit, Norwich, 23pp.
- U38** Hulme,M. and Viner,D. (1995) **A climate change scenario for assessing the impact of climate change on tropical rain forests** CRU/WWF(US) Report, Climatic Research Unit, Norwich, 34pp.
- U39** Hulme,M., Conway,D., Kelly,P.M., Subak,S. and Downing,T.E. (1995) The impacts of climate change on Africa **CSERGE Working Paper GEC 95-04**, University of East Anglia, Norwich, 60pp.
- U40** Hulme,M., Jiang.T. and Wigley,T.M.L. (1995) **SCENGEN: a climate change scenario generator** Climatic Research Unit, University of East Anglia, Norwich, 38pp.
- U41** Rao,P.G., Kelly,P.M. and Hulme,M. (1995) Economic growth while protecting the environment: some issues relevant to the Indian energy sector **CSERGE Working Paper GEC 95-34**, University of East Anglia, Norwich, 65pp.
- U42** Viner,D., Hulme,M. and Raper,S.C.B. (1995) Climate change scenarios for the IPCC Working Group II impacts assessment **Climate Impacts LINK Technical Note No.6**, Climatic Research Unit, Norwich, 16pp.
- U43** Hulme,M. (1996) A scenario of changing climate and sea-level for the UK **Climate Impacts LINK Technical Note No.7**, Climatic Research Unit, Norwich, 44pp.
- U44** Smith,J. and Hulme,M. (1996) Climate change scenarios: appendix to Chapter 1 in, **Handbook on methods of climate change impacts assessment and adaptation strategies** (ed.) Feenstra,J., UNEP/IES, Amsterdam
- U45** Barrow,E.M., Hulme,M. and Jiang,T. (1997) **SPECTRE 2: spatial and point estimates of climate change due to transient emissions**. Version 2 Software User Manual, Climatic Research Unit, Norwich, 42pp.
- U46** Subak,S., Hulme,M. and Bohn,L. (1997) The implications of FCCC Protocol proposals for future global temperature: results considering alternative sulphur forcing **CSERGE Working Paper GEC 97-19**, University of East Anglia, Norwich, 16pp.
- U47** Viner,D. and Hulme,M. (1997) **The Climate Impacts LINK Project: applying results from the Hadley Centre's climate change experiments for climate change impacts assessments** Climatic Research Unit, Norwich, UK, 17pp.

- U48** Carter,T.R., Hulme,M., Tuomenvirta,H., New,M.G., Osborn,T.J., Crossley,J., Doherty,R.M. and Jones,P.D. (1999) **Interim characterizations of regional climate and related changes up to 2100 associated with the SRES emissions scenarios** IPCC Working Group II, Technical Support Unit, Washington DC, USA, 33pp. plus maps
- U49** Hulme,M. (1999) Climate of uncertainty **Environment Action**, Issue 20 (June/July), Environment Agency web site (<http://www.environment-agency.gov.uk/envinfo/action/latest/m02.html>)
- U50** Jordan,A., Lorenzoni,I., Hulme,M., Turner,R.K. and O’Riordan,T. (2000) A co-evolutionary approach to climate change impact assessment: a scenario-based study in the UK **CSERGE Working Paper 2000-01**, CSERGE, UEA, Norwich, UK
- U51** Mitchell,T. and Hulme,M. (2000) [A country-by-country analysis of past and future warming rates](#) **Tyndall Centre Working Paper No.1**, Tyndall Centre, Norwich, UK
- U52** Goodess,C.M., Hulme,M. and Osborn,T.J. (2001) [The identification and evaluation of suitable scenario development methods for the estimation of future probabilities of extreme weather events](#) **Tyndall Centre Working Paper No.6**, Tyndall Centre, Norwich, UK
- U53** Hulme, M. and Torok, S. 2001. The scientific evidence for human-induced climate change **SciDev.Net** Dossier Feature article. <http://www.scidev.net/dossiers/dossier.asp?xc=A001>
- U54** Hulme,M. (2001) [Emissions scenarios: what are they and what do they tell us?](#) **Tyndall Centre Briefing Note No.1**, Tyndall Centre, Norwich, UK
- U55** Hulme,M. (2001) [Integrated assessment models](#) **Tyndall Centre Working Paper No.2**, Tyndall Centre, Norwich, UK
- U56** Sear,C., Hulme,M., Adger,N. and Brown,K. (2001) **The impacts of global climate change on the British Overseas Territories**. Report to DFID OTU, 38pp + Annexes, University of Greenwich, Kent, UK.
- U57** Torok, S. and Hulme, M. (2001) How real is the threat of sea-level rise? **SciDev.Net** Dossier Feature article <http://www.scidev.net/dossiers/dossier.asp?xc=A001>
- U58** Torok, S. and Hulme, M. (2001) **Twentieth century climate change** BBC Weather Centre online feature article [www.bbc.co.uk/weather/features/climate\\_change4.shtml](http://www.bbc.co.uk/weather/features/climate_change4.shtml)
- U59** Adger,W.N., Huq,S., Brown,K., Conway,D. and Hulme,M. (2002) Adaptation to climate change: setting the agenda for development policy and research **Tyndall Centre Working Paper No.16**, Tyndall Centre, Norwich, UK.
- U60** Dessai,S. and Hulme,M. (2003) Does climate policy need probabilities? **Tyndall Centre Working Paper No.34**, Tyndall Centre, Norwich, UK, 43pp.
- U61** Dessai,S., Adger,N.W., Hulme,M., Köhler,J., Turnpenny,J. and Warren,R. (2003) Defining and experiencing dangerous climate change **Tyndall Centre Working Paper No.28** Tyndall Centre, Norwich, UK, 12pp.
- U62** Goodess,C.M., Osborn,T.J. and Hulme,M. (2003) The identification and evaluation of suitable scenario development methods for the estimation of future probabilities of extreme weather events **Tyndall Technical Report No.4**, Tyndall Centre, UK, 65pp.

- U63** Hulme,M. (2003) Abrupt climate change: can society cope? **Tyndall Centre Working Paper No.30** Tyndall Centre, Norwich, UK, 23pp.
- U64** Mearns,L.O., Giorgi,F., Whetton,P., Pabon,D., Hulme,M. and Lal,M. (2003) **Guidelines for use of climate scenarios developed from Regional Climate Model experiments** IPCC Data Distribution Centre Report, UEA, Norwich, UK, 38pp.
- U65** Mitchell,T.D., Carter,T.R., Jones,P.D., Hulme,M. and New,M.G. (2004) A comprehensive set of high-resolution grids of monthly climate for Europe and the globe: the observed record (1901–2000) and 16 scenarios (2001–2100) **Tyndall Centre Working Paper No.55**, Tyndall Centre, Norwich, UK, 30pp.
- U66** Hulme,M. (2004) Climate change and lakes pp.55-61 in, **Climate change and governance – managing the impacts on lakes and EU Life workshop session, 8-12 September 2003** (ed.) Global Nature Fund, Radolfzell, Germany, 90pp.
- U67** Hulme,M. (2006) Climate change: a statement of science **Briefing paper prepared for the Conservative Party Policy Review**, 17pp.  
<[www.qualityoflifechallenge.com/index.php?id=925](http://www.qualityoflifechallenge.com/index.php?id=925)>
- U68** Hulme,M. (2006) Chaotic world of climate truth **BBC News On-line, Viewpoint**, 4 November 2006, 3pp. [news.bbc.co.uk/1/hi/sci/tech/6115644.stm](http://news.bbc.co.uk/1/hi/sci/tech/6115644.stm)
- U69** Hulme,M. and Minns A. (eds.) (2006) **Truly Useful: Doing climate change research that is useful for both theory and practice** Tyndall Centre Briefing Note No.14, Norwich, UK, 41pp.
- U70** Hulme,M., Adger,W.N., Dessai,S., Goulden,M., Lorenzoni,I., Nelson,D., Otto-Naess,L., Wolf,J. and Wreford,A. (2007) Limits and barriers to adaptation: four propositions **Tyndall Centre Briefing Note No.20**, Tyndall Centre, Norwich, UK, 7pp.
- U71** Hulme,M. (2007) Climate change: from issue to magnifier **OpenDemocracy** [www.opendemocracy.net/article/globalisation/politics\\_protest/climate\\_change](http://www.opendemocracy.net/article/globalisation/politics_protest/climate_change)
- U72** Hulme,M. (2007) Climate security: the new determinism **OpenDemocracy** [www.opendemocracy.net/article/climate\\_change/the\\_new\\_determinism](http://www.opendemocracy.net/article/climate_change/the_new_determinism)

## Book Reviews

- R1** (1987) Book review of 'Agricultural development in the Middle East' **Appl. Geography**, 7, 84-85.
- R2** (1987) Book review of 'Ecological imbalance in the Republic of Sudan' **Sudan Studies (UK)**, 1, 14.
- R3** (1990) Book review of 'Climate, water and agriculture in the tropics' by Jackson,I.J. (2nd edn.) **Appl. Geography**, 10, 78-79.
- R4** (1990) Book review of 'Climatic change and variability in southern Africa' by Tyson,P.D. **Weather**, 45, 154.
- R5** (1991) Book review of 'CO2 and global change: the Earth in transition' by Idso,S.B. **Prog. Phys. Geography**, 15, 122-124.
- R6** (1991) *How good is technology's weather eye?* Book review of 'Watching the world's weather' by Burroughs,W. **New Scientist**, 25 May, p.48
- R7** (1991) Book review of 'Greenhouse effect, sea level and drought' by Paepe,R., Fairbridge,R.W. and Jelgersma,S. **The Holocene** 1, 281-282.
- R8** (1993) Book review of 'The year without a summer? World climate in 1816' **Bull. Amer. Meteor. Soc.**, 74, 456-458.
- R9** (1993) Book review of 'Confronting climate change' by I.M.Mintzer (ed.) **Endeavour**
- R10** (1993) Book review of 'Desertification: natural background and human mismanagement' by M.Mainguet **The Holocene**, 3, 191-192.
- R11** (1994) Book review of 'Climate of China' by J.Zhang and Z.Lin **Int. J. Climatol.**, 14, 116.
- R12** (1994) Book review of 'The global greenhouse regime: who pays?' by Hayes,P. and Smith,K. (eds.) **Futures**, 26, 878-879.
- R13** (1998) Book review of 'Climate change policy: facts, issues and analyses' by Jepma,C.J. and Munasinghe,M. **Meteorological Applications** 5, 405-406.
- R14** (1999) Book review of 'Global warming: the complete briefing' by Houghton,J.T. (2nd edition) **Prog. in Phys. Geogr.**, 23, 149-150.
- R15** (1999) Book review of 'El Niño, Southern Oscillation and climatic variability' by Allan,R., Lindesay,J. and Parker,D.E. **Prog. in Phys. Geogr.** , 23, 294-296.
- R16** (2001) *40 ways to change a world climate* Book review of 'Emissions scenarios: Special Report of the IPCC' by (eds.) Nakicenovic,N. and Swart,R. in **Times Higher Educational Supplement**, 2 February, p.30
- R17** (2001) *Black gold blackens future* Book reviews of 'The collapse of the Kyoto Protocol and the struggle to slow global warming' by Victor,D. and 'Climate change impacts on the United States: the potential consequences of climate variability and change' & 'overview' by National Assessment Synthesis Team in **Times Higher Educational Supplement**, 22 June, p.25

- R18** (2004) *Whipping up a storm for the future* Book review of 'Climate into the 21<sup>st</sup> century' by Burroughs,W. (ed.) in **Times Higher Educational Supplement**, 16 April, p.29
- R19** (2004) *Save the world without being an eco-bore* Book review of 'High tide: news from a warming world' by Lynas,M. and 'Red sky at morning: America and the crisis of the global environment – a citizen's agenda for action' by Speth,J.G. in **Times Higher Educational Supplement**, 22 October, pp.24-25.
- R20** (2005) *Pie in the sky tops this GB's wish list* Book review of 'Global crises, global solutions' (ed.) B.Lomborg in, **Times Higher Educational Supplement**, 22 April, pp.28-29.
- R21** (2006) *Unexpected interest in an element that may help us make sense of global relations* Book review of 'Carbon and its domestication' Mannion,A. in **Times Higher Educational Supplement - textbook guide** 26 May, pp.XII-XIII
- R22** (2006) *Something to clear the air* Book review of 'Avoiding dangerous climate change' Schellnhuber,H.J. et al. (eds.) in **Times Higher Educational Supplement** 18 August, p.23
- R23** (2006) *A priceless proposition* Book review of 'How to spend \$50 billion to make the world a better place' Lomborg,B. (ed.) in **Times Higher Educational Supplement** 1 September. p.24-25
- R24** (2007) *No fig leaf for Eden's destroyers* Book review of 'The end of the wild' Meyer,S.M. in **Times Higher Educational Supplement** 2 February, p.22
- R25** (2007) *The value of barefoot life* Book review of 'The Earth only endures' Pretty,J. in **Times Higher Educational Supplement** 22 June, p.22
- R26** (2007) Book review of: 'A moral climate: the ethics of global warming' by Northcott,M. in **Third Way** December, p.27