

Books

Black, E., S. Mithen, B. Hoskins and R. Cornforth (2010) Water and Society: Past, present and future London: Royal Society.

Mithen, S. and E. Black (in press) Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley: Cambridge University Press.

Articles

Black, E. (accepted) The influence of the North Atlantic Oscillation and European circulation regimes on the daily to interannual variability of winter precipitation in Israel *International Journal of Climatology*

Black, E., D. Brayshaw and C. Rambeau (2010) Past, present and future precipitation in the Middle East: insights from models and observations *Philosophical Transactions of the Royal Society A* **368**: 5173-5184

Black, E. (2010) Water and society in the Middle East today: An introductory overview *Philosophical Transactions of the Royal Society A*

Black, E., S. Mithen, B. Hoskins and R. Cornforth (2010) Preface to Water, Life and Civilisation *Philosophical Transactions of the Royal Society A*

Brayshaw, D., B. Hoskins and E. Black (2010) Some physical drivers of changes in the winter storm tracks over the North Atlantic and Mediterranean during the Holocene *Philosophical Transactions of the Royal Society A* **368**: 5185-5223

Tefera-Diro, G., E. Black and D. Grimes (2010) Teleconnections between Ethiopian rainfall and SST: Part I Observations and Modelling *Climate dynamics* DOI:10.1007/s00382-010-0837-8

Tefera-Diro, G., E. Black and D. Grimes (2010) Teleconnections between Ethiopian rainfall and SST: Part II Idealised experiments *Climate dynamics* DOI: 10.1007/s00382-010-0896-x

Wade, A.J., E. Black, D. J. Brayshaw, M. El-Bastawesy, P. A. C. Holmes, D. Butterfield, S. Nuimat, and K. Jamjoum (2010) A model-based assessment of the effects of projected climate change on the water resources of Jordan *Philosophical Transactions of the Royal Society A* **368**: 5151-5172

Black, E. (2009) The impact of climate change on daily precipitation statistics in Jordan and Israel *Atmospheric Science Letters* **10**: 192-200

Senapathi, D., F. Underwood, E. Black and K. Norris (2009) Evidence for long-term regional changes in precipitation on the East Coast Mountains in Mauritius *International Journal of Climatology* **30**: 1164-1177

Tefera-Diro, G. T., D. I. F. Grimes, E. Black, A. O'Neill and E. Pardo-Iguzquiza (2009) Evaluation of reanalysis rainfall estimates over Ethiopia *International Journal of Climatology* **29**: 67-78

Tefera-Diro, G., E. Black and D. I. F. Grimes (2008) Seasonal forecasting of Ethiopian spring rains *Meteorological Applications* **15**: 73-83

Black, E. and R. Sutton (2007) The influence of oceanic conditions on the hot European summer of 2003 *Climate dynamics* **28**: 53-66

Washington, R., M. Harrison, D. Conway, E. Black, A. Challinor, D. Grimes, R. Jones, A. Morse, G. Kay and M. Todd (2006) African climate change - Taking the shorter route *Bulletin of the American Meteorological Society* **87**: 1355

Black, E. (2006) The impact of the North Atlantic Oscillation on Middle East Rainfall *Proceedings of the International Conference on Climate Change and the Middle East Past, Present and Future*: 39-45

Black, E. (2006) Present day climate variability in the Middle East: some results from the

Water, Life and Civilisation climate modelling sub-project *Bulletin of the Council for British Research in the Levant* **1**, 71-72

- Black, E. , S. Mithen, S. Smith and A. Wade (2006) Water, Life and Civilisation - a multi-disciplinary project based at the University of Reading and the Council for British Research in the Levant *British Association for Near East Archaeology newsletter*
- Johnson, H., R. S. Kovats, G. McGregor, J. Stedman, M. Gibbs, H. Walton, L. Cook and E. Black (2005) The Impact of the 2003 Heat Wave on Mortality and Hospital Admissions in England *Health Statistics Quarterly* **18**
- Pezzulli, S., S. Frederic, S. Majintia, S. Sabbagh, E. Black, R. Sutton and D. Stephenson (2005) The seasonal forecast of electricity demand: a hierarchical Bayesian model with climatological weather generator *Applied Stochastic Models in Business and Industry* **22**: 113-125
- Spencer, H., R. T. Sutton, J. M. Slingo, M. Roberts and E. Black (2005) Indian Ocean climate and dipole variability in Hadley Centre coupled GCMs *Journal of Climate* **18**: 2286-2307
- Gissila, T., E. Black, D. I. F. Grimes and J. M. Slingo (2004) Seasonal forecasting of the Ethiopian summer rains *International Journal of Climatology* **24**: 1345-1358
- Black, E., M. Blackburn, G. Harrison and J. Methven (2004) Factors that contributed to the European Heatwave in Summer 2003 *Weather* **59**: 217-223
- Black, E. (2004) The relationship between Indian Ocean SST and East African rainfall Phil. Trans. R. Soc. London A, 363, 43-47
- Black, E. (2004) The hot summer of 2003 *COAPEC newsletter*
- Black, E. (2004) The PRECIS regional modelling system *COAPEC newsletter*
- Slingo, J., H. Spencer, B. Hoskins, P. Berrisford and E. Black (2004) The Meteorology of the Western Indian Ocean and the influence of the East African Highlands Phil. Trans. R. Soc. London A, 363, 25 - 42.
- Black, E., (2003) The impact of Indian and Pacific Ocean processes on the East African short rains. *Clivar Exchanges*, **8**, 40-43.
- Black, E., J. Slingo and K. R. Sperber (2003) An observational study of the relationship between excessively strong short rains in coastal East Africa and Indian Ocean SST *Monthly Weather Review* **131**: 74-94

Book chapters

- Black, E. (forthcoming in 2011) Comparing climate model output with palaeoclimate proxies – a case study of precipitation changes in the Holocene In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Black, E. (forthcoming in 2011) Connecting climate and hydrological models for impacts studies In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Black, E., B. Hoskins, J. Slingo and D. Brayshaw (forthcoming in 2011) Future climate of the Middle East In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Black, E., B. Hoskins, J. Slingo and D. Brayshaw (forthcoming in 2011) The Present Day Climate of the Middle East In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Brayshaw, D., E. Black, B. Hoskins and J. Slingo (forthcoming in 2011) Past climates of the Middle East In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press

- Diro, G. T., Grimes, D., and Black, E. (accepted) Large Scale atmospheric and oceanic features affecting Ethiopian rainfall In African Climate change and variability Eds C. Williams and D. Kniveton
- Farnsworth, A., C. Williams and E. Black (accepted) Central African climate variability In African Climate change and variability Eds C. Williams and D. Kniveton
- Mithen, S. and E. Black (forthcoming in 2011) An Inter-disciplinary Approach to Water, Life and Civilisation In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Mithen, S. and E. Black Overview and Reflections: 20,000 years of Water and Human Settlement in the Southern Levant In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Nortcliff, S., E. Black and R. Potter (forthcoming in 2011) Current water demands and future strategies under changing climatic conditions In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Smith, S., A. Wade, E. Black, D. Brayshaw, C. Rambeau and S. Mithen (forthcoming in 2011) From Global Climate Change to Local Impact in Wadi Faynan, Southern Jordan: Ten millennia of human settlement in its hydrological context In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Wade, A., E. Black, N. Flynn and P. Whitehead (forthcoming in 2011) The Impacts of Climate Change on Rainfall-runoff in the Upper River Jordan: Methodology and First Projections In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Wade, A., P. Holmes, M. el-Bastawesy, S. Smith, E. Black and S. Mithen (forthcoming in 2011) The Hydrology of the Wadi Faynan In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Wade, A., R. Manley, E. Black, J. Guest, S. Numait and K. Jamjoum (forthcoming in 2011) Future Projections of Water Availability in a Semi-arid Region of the Eastern Mediterranean: A Case Study of Wadi Hasa, Jordan In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press
- Whitehead, P., D. Butterfield, E. Black and D. T. Plinston (forthcoming in 2011) Modelling Dead Sea Levels and Rainfall: Past, Present and Future In Water, Life and Civilisation: Climate, Environment and Society in the Jordan Valley Eds S. Mithen and E. Black Cambridge: Cambridge University Press

General interest publications and publicity material

- Water, Life and Civilisation Various brochures and flyers (January 2005 onwards)
- Water, Life and Civilisation Newsletter (October 2006)
- Climate Models: Tools for understanding the Earth System (2004) Brochure that explains how climate scientists use climate models for research
- Introductory 4-page PROMISE brochure (2000) that explains the goals of PROMISE, lists the PROMISE partners and provides some background information about monsoons
- Extended 8-page PROMISE brochure (2002) that summarises various aspects of PROMISE research, lists the PROMISE partners and provides information about the final conference