

**CCRG EASTER MEETING, 1-2 APRIL 2008, UNIVERSITY OF READING**  
**Programme**

Each session slot is 15 mins, so all talks should be approx. 12 mins + 3 mins questions  
 Each plenary slot is 1 hour, so talks should be approx. 40-45 mins + 15 mins questions

All sessions will be held in Meteorology GU01. Breaks will be in Meteorology 1L61.

There will be demonstrations of PRECIS, the ported version of the Hadley Centre regional model, during breaks/lunches

| <b>Time</b>                     | <b>Event</b>   | <b>Speaker</b>                    |
|---------------------------------|--|-----------------------------------|
| <b>Day 1 – Physical Science</b> |  |                                   |
| 0930                            | Registration and coffee  |                                   |
| 1000                            | Introduction and welcome <ul style="list-style-type: none"> <li>• Welcome – general introduction to meeting, outline, practicalities/housekeeping</li> <li>• Introduction to Walker Institute</li> <li>• Introduction to CCRG</li> </ul> | Williams<br><br>Arnell<br>Pelling |
| 1030                            | <b>Plenary 1</b><br><i>Chair: Twyman</i>   | Morse                             |
| 1130                            | <b>Coffee</b>  |                                   |
| 1200                            | <b>Session 1</b><br><i>Chair: Williams</i>   |                                   |
|                                 | Comparison of satellite based and raingauge based rainfall estimates for northern Africa   | Grimes                            |
|                                 | Rainfall estimation over Africa using MSG  | Chadwick                          |
|                                 | Application of seasonal rainfall forecasting and satellite rainfall monitoring to crop yield forecasting for Africa  | Greatrex                          |
|                                 | African climate change: assessing the vulnerability of food crop systems   | Challinor                         |
| 1300                            | <b>Lunch</b>   |                                   |
| 1400                            | <b>Plenary 2</b><br><i>Chair: Morse</i>  | Twyman                            |
| 1500                            | <b>Session 2</b><br><i>Chair: Pelling</i>  |                                   |
|                                 | Use of large-ensemble GCM data in regional climate risk assessment   | New                               |
|                                 | Extreme rainfall events over southern Africa: influence of Atlantic sea surface temperatures on rainfall variability   | Williams                          |
|                                 | Teleconnections between East African summer rains and SST  | Tefera Diro                       |
|                                 | East African rainfall variability in a high-resolution atmospheric GCM   | Toniazzo                          |
| 1600                            | <b>Tea</b>   |                                   |
| 1630                            | <b>Discussion session</b><br><i>Chair: Washington</i>  |                                   |
| 1730                            | <b>Drinks reception</b>  |                                   |
| 1930                            | <b>Conference dinner</b>   |                                   |

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|-------------------------------|--|--------------------|
| <b>Day 2 – Social Science</b> |  |                    |
| 1000                          | <b>Plenary 3</b><br><i>Chair: Kniveton</i>   | Washington         |
| 1100                          | <b>Coffee</b>  |                    |
| 1130                          | <b>Session 3</b><br><i>Chair: Williams</i>   |                    |
|                               | Influence of future land cover and global climate change on the climate of central Africa  | White              |
|                               | Nature and mechanisms of climate variability and change in east and central Africa and their impact on terrestrial hydrology in Uganda | Mileham            |
|                               | Impacts of climate change and development on groundwater resources in tropical Africa: evidence from Uganda                            | Taylor             |
|                               | The UNDP Country Scale Climate Change Study  | C. McSweeney       |
| 1230                          | <b>Lunch</b>   |                    |
| 1330                          | <b>Plenary 4</b><br><i>Chair: Black</i>  | Kniveton           |
| 1430                          | <b>Session 4</b><br><i>Chair: Washington</i>   |                    |
|                               | Climate Change Impacts on Hydrology and Ecology of the Okavango River System, Southern Africa  | Todd               |
|                               | Understanding the political economy of climate change is vital to tackling it  | Cammack            |
|                               | Climate change, migration and agent based modelling  | Smith              |
| 1515                          | <b>Tea</b>   |                    |
| 1545                          | <b>Discussion session</b><br><i>Chair: Pelling</i>   |                    |
| ~1630                         | <b>Concluding remarks</b>  | Williams / Pelling |
| <b>Close</b>                  |  |                    |

**Possible questions / starting points for Discussion sessions**

- What can physical scientists do for social scientists?
- How can social science be used to improve physical science?
- Do climate change predictions have any relevance for policymaking, given the inherent uncertainties?
- What are the potential dangers/pitfalls of these uncertainties?
- What are the best ways for social science to drive physical science?