

UK-China workshop on "Climate Variability and Change for China: Preparing for the next 30 years" on 28 -30 July 2008 at the Department of Meteorology, University of Reading.

Monday 28th July (morning 10:30-12:45)

10:30-10:50 Welcome by Julia Slingo, Guoxiong Wu and others

Topic (i): Improving climate model simulation and predictions of the East Asian Summer Monsoon

10:50-11:35 Brian Hoskins: *Overview of the East Asian Summer Monsoon*

11:35-12:05 Julia Slingo/Pier Luigi Vidale: *High resolution global modelling and its applications*

12:05-12:35 Andrew Turner: *Uncertainties in 2xCO₂ coupled GCM projections of future monsoon rainfall extremes*

12:35-12:45 Discussions

12:45-13:45 Lunch

Monday 28th July (afternoon 13:45-17:30)

Topic (ii): Exploring decadal variability and predictability of the EASM and the interplay with global warming

13:45-14:15 Guoxiong Wu / Fumin Ren: *Change in Typhoon activities over Northwestern Pacific*

14:15-14:45 Ming Tan: *Decadal variability of the East Asian Summer Monsoon and the interplay with atmosphere temperature over the last millennium*

14:45-15:15 Buwen Dong / Riyu Lu: *The role of Atlantic ocean on the decadal-multidecadal variability of Asian summer monsoon*

15:15-15:45 Tea Break

15:45-16:15 Yonghui Lei / Julia Slingo, Brian Hoskins: *Climate change and decadal variability of the East Asian summer monsoon: a modelling study*

16:15-16:45 Renhe Zhang: *Decadal summer climate change in China in late 1980s and its possible causes*

16:45-17:15 Yimin Liu / Guoxiong Wu: *Multiscale forcing and the change of East Asia monsoon*

17:15-17:30 Discussions

Tuesday 29th July (morning 09:30-13:00)

09:30-10:00 Tianjun Zhou: *Detection and Attribution of East Asian Climate Change*

10:00-10:30: Daoyi Gong: *Climate teleconnection between East Asia and high latitudes*

10:30-10:45 Discussions

10:45-11:15 Tea Break

Topic (iii): The changing chemical environment and implications for China

11:15-11:45 Ken Carslaw: *The UKCA project and associated aerosol research*

11:45-12:15 Paul Young: *Atmospheric chemistry and climate: Potential applications of an Earth system model to China*

12:15-12:45 Renhe Zhang: *The emission of greenhouse gases and governmental policies on controlling emission in China*

12:45-13:00 Discussions

13:00-14:00 Lunch

Tuesday 29th July (afternoon 14:00-17:15)

Topic (iv): Exploring the impacts of climate variability and change on water and food resources

14:00-14:30 Declan Conway: *Overview of the UK-China climate change impact project*

14:30-15:00 Richard Skeffington: *Predicting the effect of climate change on water resources and food production in the Kennet catchment: Potential application to China.*

15:00-15:30 Richard Harding: *WATCH project and plans of Beijing workshop*

15:30-16:00 Tea Break

16:00-16:30 Andy Challiner: *Forecasting food in China: the influence of climate, composition and socio-economics*

16:30-17:00 Tom Osborne/Sanai Li: *Impacts of climate change on Chinese agriculture*

17:00-17:15 Discussions

Workshop Dinner in the Black Boy Shinfield (Coach picks up at 19:00 in the University and drops at 22:00 in the University and Comfort Inn Hotel)

Wednesday 30th July (morning 09:30-12:45, 30 min break)

Break out groups: Discuss specific collaboration, Science Bridge Award

Chairs: Julia Slingo, Brian Hoskins, and Guoxiong Wu

12:45-13:45 Lunch

Wednesday 30th July (afternoon 13:45)

Plenary-break out group reports

Next steps

Final words from Guoxiong Wu (China)

Final words from Julia Slingo (UK)

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