

# Climate, water and society

lessons from the past, challenges for the future, with case studies from the Jordan Valley

11<sup>th</sup> November 2009

Black Horse House, University of Reading

## Preliminary Programme

09:20 Opening remarks, **Nigel Arnell and Emily Black**

09:30 **Session 1: Climate, hydrology and palaeoenvironment**

The Eastern Mediterranean climate during the Holocene period:

insights from climate modelling, **David Brayshaw**

New palaeoenvironmental proxies in Southern Jordan, **Claire Rambeau**

From Palaeoclimate to Palaeohydrology:

the Jawa Catchment and Dead Sea case Study., **Paul Whitehead**

11.00 *Coffee break*

11.20 **Session 2: Water use, agriculture and diet: past, present and future**

Palaeodiet as revealed by stable isotope analysis, **Michela Sandias**

Phytoliths as indicators of past agricultural practices, **Emma Jenkins**

Using recycled water for irrigation in Jordan: An assessment of attitudes and long term sustainability, **Gemma Carr**

Attitudes towards water use in contemporary Amman, **Khadija Darmame**

13.00 *Lunch*

14.00 **Session 3: Wadi Faynan: A case study of water use in an arid zone**

Early Holocene archaeology in Wadi Faynan, **Bill Finlayson**

Water and society in Wadi Faynan: A Holocene case study, **Sam Smith**

Contemporary water use in Wadi Faynan, **Stephen Nortcliff**

15.30 *Tea break*

16:00 **Discussants**

## Book a place

Please contact Julie Genney  
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More information :  
[www.walker-institute.ac.uk/events](http://www.walker-institute.ac.uk/events)

