

Climate Change and Systematics

1st – 3rd September 2008

Call for oral and poster presentations



A meeting organised by the

**Department of Botany, School of Natural Sciences,
Trinity College Dublin, Ireland**

**on behalf of the Systematics Association
and the Linnean Society**



Trinity College Dublin

Climate Change and Systematics



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This meeting, organised on behalf of the Systematics Association and the Linnean Society, will provide a forum for systematists to present and discuss their research as it relates to the critical issue of Global Climate Change. The conference is open to everyone, whatever their chosen discipline within systematics.

The meeting will examine the problems posed by Global Climate Change and will centre on three themes: 1. Climate change and speciation/extinction; 2. Climate change and biogeography; 3. Climate change: documenting and conserving biodiversity.

We feel this meeting is timely because of the interest in this topic at all levels in society, especially governmental. For example, the Millennium Ecosystem Assessment states that *'By the end of the twenty-first century, climate change and its impacts may be the dominant direct driver of biodiversity loss and changes in ecosystem services globally'* and *'Historically, habitat and land use change have had the biggest impact on biodiversity across biomes. Climate change is projected to increasingly affect all aspects of biodiversity, from individual organisms, through populations and species, to ecosystem composition and function'*. The most recent IPCC report this year also highlights these issues. Therefore, global climate change needs to be addressed holistically by the systematics community.

Certainly, the changes in the density and location of the World's biodiversity are likely to have impacts on speciation/extinction rates and on the ability of systematists to delimit, through Monographs, Faunas and Floras, the World's biodiversity.

Speakers and call for oral and poster presentations

A provisional list of invited speakers who have so far agreed to participate includes: Professor Richard Bateman (Biosciences Federation), Professor Pieter Baas (National Herbarium of the Netherlands), Professor Henrik Balslev (University of Aarhus), Professor Michael Donoghue (Yale University), Dr. Felix Forest (Royal Botanic Garden Kew), Professor Brian Huntley, (University of Durham), Dr. Jenny McElwain (University College Dublin), Dr. Peter Mayhew (University of York), Professor Josep Peñuelas, (University of Barcelona), Dr. David Simpson (Royal Botanic Gardens Kew), Dr. Tim Sparks (NERC Centre for Ecology and Hydrology), Professor Ian Woodward (University of Sheffield), Dr. Peter Wyse Jackson (National Botanic Gardens, Glasnevin). If you wish to submit an oral paper or poster then please fill in the form at the end of the 'First Circular and Form' document - available at <http://www.tcd.ie/botany/> and return as outlined below.

To receive subsequent circulars and participate in the meeting

Please complete the form available at <http://www.tcd.ie/botany/> and return by email to:

Email: climate@tcd.ie
Subject: conference form

Please note

To ensure that you know that we have received your emailed booking form you will receive an email reply from us confirming its receipt. If you do not receive such confirmation then we have not received your form. In this case, please try again, or post it directly to: Climate Change & Systematics Conference, Botany Department, Trinity College Dublin, Dublin 2, Ireland no later than 20th February 2008.

Contact

Email: climate@tcd.ie
Address: Department of Botany, Trinity College Dublin, Dublin 2, Ireland
Fax: +353-1-8961147
Phone: +353-1-8961274

T. Hodkinson, M. Jones, J. Parnell, S. Ní Sheoin, S. Waldren (Organising Committee)

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