



# Climate Change Research Group

## Newsletter of the Climate Change Research Group of the Royal Geographical Society and the Institute of British Geographers

No. 1, December 2005

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### *Editor's Introduction*

A warm welcome to the first edition of the Newsletter of the Climate Change Research Group of the Royal Geographical Society-Institute of British Geographers. Many thanks to **Jörg Kaduk** for giving over his editorial space to me in this inaugural Newsletter so that I can review some of the progress our new group has made over the last 12 months and set our sights on some future events – of which there are many, some of which are set forth in more detail below. One of the primary services the CCRG aims to provide is a vehicle for researchers from across the social and physical sciences to meet and exchange ideas with a view to supporting interdisciplinary research. Our first scientific meeting, hosted by the University of Birmingham in May 2005 showed just how varied, and also interlinked, our research field

has become. Themes that were echoed in the RGS-IBG conference sessions in September. It is clear that a challenge for the group will be to provide space for interdisciplinary conversations and relationships to take root while also providing a home for established and growing core groups of common interest. **Callum Firth** has faced this challenge in planning the 2005, and now the 2006, RGS-IBG conference sessions. A call for papers is made in this newsletter and I would encourage members who wish to hold a session based on a single epistemological or methodological orientation, in addition to submitting papers for consideration in the integrated sessions, to propose this to Callum. Many thanks to Callum and the RGS conference sub-committee for managing a successful event – one that generated a good deal of discussion, at least three press reports and a book proposal from Routledge – not a bad outcome!

A second aim of the CCRG is to champion the geographical climate and climate change research community both within the RGS-IBG and also the wider world of UK research councils and other UK and overseas funding bodies, international scientific councils etc. The weight of any advocacy made by the CCRG is determined in large part by the membership of the group. At the time of writing, there are 95 CCRG members, including 11 overseas and 10 student members. This is a considerable membership for a group only 12 months old. Thanks are due to **Laurel Murray** for maintaining membership lists. There is however much room for expanding the membership. Over the next 12 months postgraduate membership will be targeted, with a dedicated event to be hosted by the University of Oxford planned for the spring next year. In addition, any members who can see advantages in making linkages between the CCRG and other research groups and encouraged to do so.

Up to this point membership of the CCRG has been informal – it is a measure of the intensity of contemporary academic life that we are only now in a position to extract a membership fee! Thanks to **Duncan McGregor**, Treasurer to the CCRG, for developing a membership and fee scheme. Please do make sure that you complete the membership forms promptly so that we can feed any income raised into events for the next 12 months. Duncan has also been instrumental in planning with the University of the West Indies in Mona, Jamaica, a joint workshop co-supported by the Developing Areas Research Group. This workshop is on the theme of climate change and development in the Caribbean and a call for papers is now open.

Thanks to **Mat Disney**, **David Preece** and **Charles Williams** for developing the CCRG website, which is now open for members to comment.

The last 12 months have been very rewarding with the CCRG moving quickly from a germinating idea to a live research network, and one with a good deal of support from the RGS. We are now at a period where the group needs to consolidate itself in order to support the serious work of networking and advocacy. The membership fee system and website will make great contributions in this and I look forward to the next 12 months and in particular to helping build the postgraduate membership.

Best wishes to all and Seasons Greetings (although I have been beaten by the Christmas lights in Crouch End!)

**Mark Pelling, Chair CCRG**

## ***CCRG Committee List***

The 2005 AGM of the CCRG returned the following to office.

<b>Position</b>	<b>Name</b>	<b>Institution</b>	<b>Email</b>
Chair	Dr. Mark Pelling	King's College London	<a href="mailto:mark.pelling@kcl.ac.uk">mark.pelling@kcl.ac.uk</a>
Treasurer	Dr. Duncan McGregor	Royal Holloway	<a href="mailto:d.mcgregor@rhul.ac.uk">d.mcgregor@rhul.ac.uk</a>
Membership Secretary	Laurel Murray	King's College London	<a href="mailto:laurel.murray@kcl.ac.uk">laurel.murray@kcl.ac.uk</a>
Website Developer	Dr. Mat Disney	University College London	<a href="mailto:mdisney@geog.ucl.ac.uk">mdisney@geog.ucl.ac.uk</a>
RGS Conference Organiser	Prof Callum Firth	University of Brighton	<a href="mailto:c.firth@bton.ac.uk">c.firth@bton.ac.uk</a>
Postgrad Representative	David Preece	University College London	<a href="mailto:d.preece@ucl.ac.uk">d.preece@ucl.ac.uk</a>
Publication editor	Dr. Jörg Kaduk	University of Leicester	<a href="mailto:jk61@leicester.ac.uk">jk61@leicester.ac.uk</a>
Ordinary Committee Member	Charles Williams	University of Sussex	<a href="mailto:c.j.r.Williams@sussex.ac.uk">c.j.r.Williams@sussex.ac.uk</a>

The aim of the CCRG is to be as flexible and representative as possible. The success of this group will rest on the contributions of the membership so please do contact any of the committee members with ideas for events, publications, research groupings etc. We will be happy to respond to any suggestions.

## ***RGS-IBG Annual Conferences 2005 & 2006***

### **2005 RGS/IBG**

We organised three sessions at the 2005 annual conference and the level of interest ensured that there were no gaps in the programme. We had agreed that we wanted sessions that provided integration for the group and as a consequence they were organised around the broad headings of past, present and future Climate Change/Variability. The final list of what proved to be a stimulating set of papers is outlined below and it provides an illustration of the wide range of interests covered by the research group. It is certainly excellent news that the paper presented by Susan Page attracted considerable interest in the national press and thus highlighted the launch of the Research Group. We have also been approached by Routledge to see if we can put together an edited volume related to Climate Change and Callum Firth and Geoff Blackford will soon be getting in contact with you about this.

#### **Past Climate Change: Identification, causes and consequences**

Barbara Maher (Lancaster) North Atlantic palaeo-circulation.

Jeffrey J Blackford (Manchester) – Solar variability and the European peat bog record

Alastair G Dawson (Aberdeen), Paul Mayewski (Maine) and Lorne Elliott (Durham) – Variations in storminess

Mark Maslin (University College London) – Is climate change the cause of human evolution in Africa?

Georgina Endfield (Nottingham) – Responding to crisis: extreme weather, impacts and adaptation in colonial Mexico

Callum Firth (Brighton), Bill McGuire (University College London) & Iain Stewart (Plymouth University) – Late Quaternary climate change as a trigger of explosive volcanic activity

Lai ZhongPing (Oxford) – Locating the boundary between the Holocene and the Last Glaciation in Chinese loess using luminescence

### **Climate variability during the last 150 years: Environmental change and adaption.**

Susan Page (Leicester) Siegert, F., Rieley, J.O., Adi Jaya – The carbon dynamics of tropical peatland: a Cinderella ecosystem

Andy Morse (Liverpool) – Applications of seasonal probabilistic climate forecasts

Jörg Kaduk (Leicester) & S.O. Los (Swansea) – Phenological rules for the leaf out and leaf drop dates in temperate and boreal Biomes determined from NDVI

Cathy Dill & Mark Pelling (Kings College London) – 'Climate Shocks and Social Change'.

Philip Buckle (Coventry) – Disasters and Climate Change: adaptive management in a rapidly changing risk environment

Dave Nash (Brighton) & Georgina Endfield (Nottingham) – Links between El Nino and rainfall variability in the Kalahari, 1840-1900

John Thornes (Birmingham) – London's Changing Climate and Monet's London series 1899-1904

John Handmer (RMIT University) – Robust adaptation for predicted calamity

### **Future Climate Change: Change/ Variability, Predictions, policy and impacts.**

Ian J. Fairchild (Birmingham) – Public Perception and Public Education: using system analogues to illustrate climate change issues.

Samual Renolds (Birmingham) – Weather Derivatives and Climate Change

Charles Williams, Dominic Kniveton & Michael Frogley (Sussex) – Climate change and variability over Southwestern Africa.

Tatiana Bosteels (Destin Institute in the LSE) – Climate impacts and policy from a developing country perspective

Sonja Boehmer-Christiansen (Hull) – Can Climate Change be mitigated? The benefits of believing that it can

Roger McLean (New South Wales) – Sea-level change or sea-level variability? Projections, policy and problems for small island states.

N.R. Nawaz (Leeds) and T.J. Bellerby (Hull) – Sensitivity of Blue Nile Flows to Climate Change

Mark Maslin (University College London) – What climate surprises lurk in the ocean?

## **2006 RGS/IBG**

The annual conference will once again be held at the Royal Geographical Society in London next year. At the first AGM of the research group it was noted that people would like a little more time for discussion and this has been accommodated by the RGS who are now suggesting that sessions will be 2 hours long with up to 6 papers (20 minutes each) per session. We certainly intend to put on at least 3 sessions of 5-6 papers at this conference arranged around the broad themes of Global Climate Change, Regional Climate Change and Local Climate Change. Again the desire is to bring together papers and researchers from across the discipline. There are also opportunities for more focused sessions organised in collaboration with other Research Groups. Ideas should be submitted to Callum Firth (C.Firth@brighton.ac.uk).

### **Website ([www.rgs-ccrg.org.uk](http://www.rgs-ccrg.org.uk))**

One of the key elements involved in moving the group forward and raising our profile in the wider community is the development of our website: [www.rgs-ccrg.org.uk](http://www.rgs-ccrg.org.uk). A development version has been created, but we are looking to expand the site content and design further.

Like any community site, our website will only be as good as the contributions you make to it. We hope to create a searchable directory of members; with details of their interests and areas of expertise – for use by the climate change community and as a resource for media and NGOs alike. We hope to have up to date news for the climate community, and details of events and meetings which may prove useful to members. We want to know what you are working on: successful publications, grants, or projects, or perhaps vacancies for climate studies in your Department. If you have something to tell the climate community - we hope that this website will be the place to do it.

For some of this – particularly the member directory – we need your help on the technical side. If you have experience in online database management and would like to contribute, please get in touch.

Thanks to Dr. Mat Disney (UCL) for hosting and agreeing to take on the role of Webmaster, and Dr. Mark Pelling (KCL), Dr. Jörg Kaduk (Leicester), Charles Williams (Sussex) for work on the site.

## *Points of interest*

### **Subscription**

Please complete the membership form on the last page promptly so that we can feed any income raised into events for the next 12 months. Those of you who are also RGS/IBG members should register your membership of CCRG separately with them (details are in their recent Subscription circulation). This does help the Group in that we get a small (£1 per head) subvention from RGS/IBG annually.

### **Routledge Book Proposal**

Routledge have invited the CCRG to bring together a collection based on the 2005 RGS-IBG conference. If you would like to find out more on this initiative please contact Jeff Blackford [jeff.blackford@manchester.ac.uk](mailto:jeff.blackford@manchester.ac.uk) or Callum Firth [c.firth@bton.ac.uk](mailto:c.firth@bton.ac.uk).

### **NERC Blue Skies Review Consultation**

Members might be interested in this part of NERC's review of its Blue Skies research schemes, they are keen to seek the views of our community and stakeholders on a number of key aspects of their programme. To take part, complete the questionnaire at [www.nerc.ac.uk/consult/blueskies/index.asp](http://www.nerc.ac.uk/consult/blueskies/index.asp). This involves clicking on a selection of 'radio buttons', and should take no more than 15 - 20 minutes. There is also the opportunity to add free text comments if you wish. This consultation will be available until Monday 19th December, and all returns are welcome. The results will help to develop the recommendations of the Blue Skies Review, which will be published on the NERC website Spring 2006.

### **Oxford Meeting for postgraduate students**

The first meeting of the CCRG postgraduate community will be held at University of Oxford, during the spring of 2006. Dates will be confirmed shortly. The aim of the meeting, as advertised in the Letter of Invitation to postgraduates, is to present and discuss current postgraduate research with other like-minded PhD and MSc students from across the country. Although the meeting will have a set format, it is hoped that a more informal atmosphere will be created allowing a good exchange of ideas and creating a strong student community within the research group.

Organisers:

Prof. Diana Liverman (University of Oxford)

Mr David Preece (UCL)

Mr Charles Williams (University of Sussex)

## *Meetings*

### **RMets meetings**

<http://www.rmets.org/event/calendar.php>

A selection:

Paleoclimates, 18th January 2006, 14.00 pm

Zoological Society of London Meeting Rooms, London Zoo, Regent's Park

Organiser: Prof Paul Valdes, University of Bristol

<http://www.rmets.org/event/detail.php?ID=118>

Urban Meteorology, 15th February 2006, 14.00 pm

Zoological Society of London Meeting Rooms, London Zoo, Regent's Park

The study of urban areas and their influence on meteorology and dispersion is growing rapidly, given motivations such as climate change and emergency response. Talks will be given by leading researchers on aspects such as how to measure and model the urban atmosphere.

Organiser: Dr Janet Barlow, University of Reading

<http://www.rmets.org/event/detail.php?ID=119>

### **CCRG Meeting for Postgraduate Students**

University of Oxford, Spring 2006. Dates to be confirmed.

The aim is to present and discuss current postgraduate research with other PhD and MSc students from across the country.

Organisers:

Prof. Diana Liverman (University of Oxford)

Mr David Preece (UCL)

Mr Charles Williams (University of Sussex)

### **General Assembly of the European Geosciences Union 2006 (EGU 2006)**

Vienna, Austria, 2-7 April 2006, Austria Centre Vienna (ACV) congress centre

<http://meetings.copernicus.org/egu2006/>

The EGU General Assembly 2006 will bring together geoscientists from all over Europe and the rest of the world into one meeting covering all disciplines of the Earth, Planetary and Space Sciences. Especially for young scientists the EGU appeals to provide a forum to present their work and discuss their ideas with experts in all fields of geosciences.

The EGU invites all geoscientists to participate in the assembly, submit contributions to the topical sessions and share their research with colleagues and friends. The EGU is looking forward to cordially welcome you in Vienna!

October- December 2005 period of an open Call-for-Papers.

Deadline for receipt of abstract: **13. January 2006**

Sessions organised by CCRG members

Land Surface Phenology: Analysis, Modelling, and Interactions in the Earth System

Convener: Jörg Kaduk (University of Leicester), Co-Convener: Annette Menzel (Technical University München). [http://www.cosis.net/members/meetings/sessions/information.php?p\\_id=192&s\\_id=3602](http://www.cosis.net/members/meetings/sessions/information.php?p_id=192&s_id=3602)

### **IGU 2006 Brisbane Conference**

International Geographical and joint meeting of the Union Institute of Australian Geographers and the New Zealand Geographical Society

Brisbane, 3-7 July 2006, Queensland University of Technology (QUT)  
Theme: Regional Responses to Global Changes: A View from the Antipodes  
[www.igu2006.org](http://www.igu2006.org)

IGU 2006 Brisbane will focus geographical attention on critical physical and human processes driving global change. Complex, global-scale processes exert pressures on environmental, social, cultural and economic resources at regional and local scales. It will look at regional responses in a changing world, with emphasis on tropical and arid zones, particularly in Australia, New Zealand, south-east Asia and the south-west Pacific.

## **Global Change and Caribbean Vulnerability: Environment, Economy and Society at risk?**

Mona, Jamaica, 24th to 28th July 2006

Joint Regional Meeting of the Climate Change Research Group, the Developing Areas Research Group and the Department of Geography and Geology, The University of the West Indies, Kingston, Jamaica.

Papers are invited on one of the following themes:

Environmental change in the Caribbean Basin: current trends and future predictions

Vulnerable Caribbean natural systems: the impacts of environmental change and population pressure.

Vulnerable Caribbean economies and societies: the impacts of globalization and environmental change

Papers which fall outside these themes but are linked to the main theme will also be considered.

Offers of papers, with an abstract of not more than 250 words, should be sent to the organizers by 31.1.2006

Organizers:

Dr Duncan McGregor (d.mcgregor@rhul.ac.uk) (Department of Geography, Royal Holloway, University of London, Egham, Surrey TW20 0EX, UK)

Professor David Barker (david.barker@uwimona.edu.jm) (Department of Geography and Geology, University of the West Indies, Mona, Kingston 7, Jamaica)

Dr David Dodman (david.dodman@uwimona.edu.jm) (Department of Geography and Geology, University of the West Indies, Mona, Kingston 7, Jamaica)

The organizers have secured some funding for the meeting from the RGS and hope to be able to support postgraduate attendance. Please contact them for further details and provisional local costings.

## **RGS-IBG Annual International Conference 2006**

London, 30 August - 1 September 2006, RGS-IBG, 1 Kensington Gore

Theme: Global social justice and environmental sustainability

Chair: Linda McDowell, University of Oxford

<http://www.rgs.org/templ.php?page=AC2006>

Registration will open at the beginning of 2006, the early registration deadline is 5 May 2006

Economic liberalisation and technological change in recent decades have increased global interconnections, integration and forms of global governance and exacerbated economic and social inequalities, both within and between societies, environmental degradation and the non-sustainable use of resources. The overall theme of the conference is to address the connections between globalisation and movements and policies for greater social justice and environmental sustainability.

Under this theme a wide range of issues might be addressed including alternative theoretical notions of justice, alternatives to neo-liberal globalisation, rising rates of poverty, theoretical and practical conceptions of human rights, global anti-war and civic movements, environmental and labour movements for greater justice, debates about trade, about structural adjustment, about the role of NGOs, about multilateral institutions, about the implications of climate change, about rights to water, urban

injustices, about the limits to growth, green politics, about difference and diversity and their challenge to universal notions of reason and rights, and many other key contemporary issues. This theme has been chosen to provide scope both for specialised debates within different areas of geography and for building connections across borders and boundaries, leading to cross-cutting debates between adherents of different positions and those with different research interests.

### ***Recent publications and grants of CCRG members***

- Alton P.B., North, P., Kaduk, J., Los S., 2005. Radiative Transfer Modeling of Direct and Diffuse Sunlight in a Siberian Pine Forest. *Journal of Geophysical Research Atmospheres* In press.
- Battarbee, R.W., Mackay, A.W., Jewson, D., Ryves, D.B., Sturm, M. (2005) Differential dissolution of Lake Baikal diatoms: correction factors and implications for palaeoclimatic reconstruction. *Global & Planetary Change*, 46, 75-86
- Bharwani,S., Bithell, M., Downing, T.E., New, M., Washington, R., and Ziervogel, G., 2005, "Multi-Agent Modelling of Climate Outlooks and Food Security on a community Garden Scheme in Limpopo, South Africa", *Phil Trans. Roy. Soc. London Ser. B* , 360, 2183-2194
- Bush, M.B., Silman, M.R., de Toledo, M., Listopad, C., Gosling, W.D., Williams, C. and de Olivera, P. (submitted) Holocene fire and occupation in Amazonia: a spatial perspective. *Proceedings of the National Academy of Science*.
- Bush, M.B., Hansen, B.C.S., Rodbell, D., Seltzer, G.O., Young, K.R., León, B., Silman, M.R., Gosling, W.D. (2005). A 17,000 year history of Andean climatic and vegetation change from Laguna de Chochos, Peru. *Journal of Quaternary Science*, in press.
- Field, C.B. and J. Kaduk, 2004. The carbon balance of an old-growth forest: Building across approaches. *Ecosystems*, 7:525-533.
- Gosling, W.D., Mayle, F.E., Tate, N.J. and Killeen, T.J. (2005). Modern pollen rain characteristic of tall terra firme evergreen forest, Southern Amazonia. *Quaternary Research*, 64: 284-297.
- Gosling, W.D. and Bush, M.B. (2005). A biogeographic comment on: Wüster, W. et al. (2005) Tracing an invasion: landbridges, refugia, and the phylogeography of the Neotropical rattlesnake (Serpentes: Viperidae: *Crotalus durissus*). *Molecular Ecology*, 14(11): 3615-3617.
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- Hoffmann, Georg; Cuntz, Matthias; Weber, Christine; Ciais, Philippe; Friedlingstein, Pierre; Heimann, Martin; Jouzel, Jean; Kaduk, J.; Maier-Reimer, Ernst; Seibt, Ulrike; Six, Katharina, 2004. A model of the Earth's Dole effect. *Global Biogeochemical Cycles*, Vol. 18, No. 1, GB1008, doi 10.1029/2003GB002059, 1-15
- Kniveton, D.R., 2004: Precipitation, cloud cover and Forbush decreases in galactic cosmic rays. *Journal of Atmospheric and Solar-Terrestrial Physics*, 66, 1135-1142.
- Kniveton, D.R. and Tinsley, B.A., 2004: Daily changes in global cloud cover and Earth transits of the heliospheric current sheet. *Journal of Geophysical Research*, 109 (D11): ART. NO. D11201.
- Kniveton, D.R., Todd, M.C., Sciare, J.S., and Mihalopoulos, N., 2004: The net effect of ultraviolet radiation on atmospheric dimethylsulphide (DMS) over the southern Indian Ocean. *Phil. Trans. Roy. Soc. A.*, 363,187-190.
- Layberry, R., Kniveton, D.R., Todd, M.C., Kidd, C., Bellerby, T.J., 2005: Daily precipitation over southern Africa: A new resource for Climate Studies. *Journal of Hydrometeorology*, 6 (6).



- Mackay, A.W., Ryves, D.B., Battarbee, R.W., Flower, R.J., Jewson, D., Rioual, P.M.J. & Sturm, M. (2005) 1000 years of climate variability in central Asia: assessing the evidence using Lake Baikal diatom assemblages and the application of a diatom-inferred model of snow thickness. *Global & Planetary Change*, 46, 281-297
- Marchant, R.A., Behling, H., (2005). Late Quaternary tropical Ecosystem Dynamics. *Quaternary Research* 64, 283.
- Marchant, R.A., Berrío, J.C., Behling, H., Boom, A. Hooghiemstra, H., in press. Colombian dry moist forest transitions in the Llanos Orientales – a comparison of model and pollen-based biome reconstructions. *Palaeogeography, Palaeoclimatology, Palaeoecology*.
- McGregor, D., D. Simon & D. Thompson (eds) (2006) *The Peri-Urban Interface: Approaches to sustainable natural and human resource use*. Earthscan/James & James, xxiv + 336pp
- Morley, D.W., Leng, M.J., Mackay, A.W. & Sloane, H.J. (2005) Late Glacial and Holocene atmospheric circulation change in the Lake Baikal region documented by oxygen isotopes from diatom biogenic silica. *Global & Planetary Change*, 46, 221-233
- Oberhaensli, H. & Mackay, A.W. (2005) Editors. Special Issue: Progress towards reconstructing past climate in Central Eurasia, with special emphasis on Lake Baikal. *Global and Planetary Change*, 46, Issues 1-4. pp 1-383.
- Oberhaensli, H. & Mackay, A.W. (2005) Introduction: Progress towards reconstructing past climate in Central Eurasia, with special emphasis on Lake Baikal. *Global and Planetary Change*, 46, 1-7.
- Parsons, J. Anthony, John Wainwright, D. Mark Powell, Richard E. Brazier, J. Kaduk, 2004. A conceptual model for determining soil erosion by water. *Earth Surface Processes and Landforms*, 29, 1293–1302.
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- Rioual, P & Mackay, A.W. (2005) A diatom record of centennial resolution for the Kazantsevo Interglacial stage in Lake Baikal (Siberia) *Global & Planetary Change*, 46, 199-219
- Suits NS, Denning AS, Berry JA, Still CJ, Kaduk J, Miller JB, Baker IT, 2005. Simulation of carbon isotope discrimination of the terrestrial biosphere *Global Biogeochemical Cycles*. 19 (1): GB1017
- Swann, G.E.A., Mackay, A.W., Leng, M. & Demoray, F. (2005) Climatic change in Central Asia during MIS 3: a case study using biological responses from Lake Baikal sediments. *Global and Planetary Change*, 46, 235-253
- Todd, M.C., and Kniveton, D.R., 2004: Short term variability in satellite-derived and galactic cosmic rays: An update. *Journal of Atmospheric and Solar-Terrestrial Physics*, 66, 1205-1212.
- Vélez M.I., Berrío J.C., Hooghiemstra H., Metcalfe S. and Marchant, R. (2005) Palaeoenvironmental changes during the last ca. 8590 calibrated yr (7800 <sup>14</sup>C yr) BP in the dry forest ecosystem of the Patía valley, Southern Colombian Andes: a multiproxy approach. *Palaeogeography, Palaeoclimatology, Palaeoecology* 216, 279-302.
- Ziervogel, G., Bithell, M. Washington, R. and Downing, T., 2005, "Agent-based social simulation: a method for assessing the impact of seasonal climate forecast applications among smallholder farmers", *Agricultural Systems* 83, 1-26

## **Recent grants**

Georgina Endfield (Nottingham), David Stahle (Arkansas) and Victor Magana (UNAM, Mexico) "Multidisciplinary Investigations of Climate Change in Mexico". Leverhulme collaborative academic network grant.

Martin Wooster (King's College), France Gerard (CEH Monks Wood), Heiko Balzter (CEH Monks Wood) Jörg Kaduk (University of Leicester). "FFID: Spatio-temporal characterisation of boreal forest fire intensity dynamics and its impact on carbon flux estimation." NERC standard grant.

Rob Marchant (York), Prof. Hooghiemstra, (University of Amsterdam) "Palaeoecology of the Eastern Arc Mountains, Tanzania." Netherlands Science Foundation. €54,000.

Rob Marchant (York), Prof. Odada, (University of Nairobi) "Palaeoecology of Eastern Arc Mountains, Kenya". National Science Foundation – START (USA) \$45,000

Multi partner group based at York University. "Institute of Tropical Ecosystem Dynamics (KITE)" European Union – Marie Curie Excellence Actions €1.3 million

Sue Page and Kevin Tansey (co-ordinate "The role of fire in the land use dynamics and restoration of tropical peatlands: developing techniques to assess post-fire vegetation recovery, fire risk and the emission of greenhouse gases", which is part of "RESTORPEAT", bringing together 14 partners from Europe and Southeast Asia, European Union FP6 INCO-DEV programme

Sue Page (University of Leicester) involved in "AIR-CO" on water resource management in SE Asia, European Union Asia Link Programme. Start December 2005.