



**Danish  
Development  
Research  
Network**  
*Bringing together  
knowledge and  
development*



**ENRECA HEALTH**  
danish research network for international health



## **Climate Change Impact, Adaptation and Mitigation**

### **Researchers' Day**

**October 7<sup>th</sup> 2010**

**GEUS Øster Voldgade 10, 1350 København K.**

#### **Purpose:**

- To present an overview of Danish knowledge within climate change research related to international challenges and developing countries
- To increase cooperation between climate change researchers from different disciplines including natural, social, health and economic sciences
- To provide room for networking and discussion between climate change researchers

The three Danish Research Networks invite all Danish researchers and others with interest in these topics to participate in this event. If you are interested in participating with a presentation of an ongoing research project related to climate change impact, adaptation and mitigation send a mail to:

Deadline for submission of abstracts are 15<sup>th</sup> of August. Papers are not expected.

The networks will seek to give room for as many presentations as possible within these themes. A poster session will be considered, if this is relevant. If you would like to participate with a poster, then let us know before August 15<sup>th</sup>.

#### **Overarching Theme**

##### **Linking economic and social development with climate change**

Promotion of economic and social development and growth is a key objective of the new strategy for Danish development assistance. There is a close link between development and natural resources (land, water, energy, and forests) and its various social and health implications. These links and development potentials are critically affected by climate change. The impacts on living conditions for people, not least the poor in developing countries, are projected to be severe due to rising temperatures, drought, increasing weather variability and stronger and more frequent disasters.

How can research on various topics related to climate change risks reduce vulnerabilities

and thereby contribute to social and economic development? Can climate change adaptation be a vehicle for better management of resources and improve the natural resource base, which is of utmost importance for development and progress, not least for poor communities, and can climate change mitigation go hand in hand with energy access, sustainable natural resource management, and thereby development.

With this overarching theme we invite you to participate in – and contribute to – a one-day meeting with presentations and discussions on research within climate change, mainly related to the following themes:

1. **Land and water management** and resources, including agriculture, rangelands, forests and groundwater. How climate change affects natural resources, their availability and quality, e.g. due to changes in seasonality and variability, and in the frequency and intensity of extreme events (e.g. drought, dry spells, and floods). Knowledge basis and needs for further research on climate change impacts including global and regional climate models. The impact on the livelihoods of those partially/fully depending on these resources, and coping/adaptation strategies and opportunities. Pro-poor mitigation of land-use practices contributing to climate change.
2. **Human and animal health** The seminar will address health as a cross-cutting issue, i.e. focusing on ecosystems health and linkages between climate induced changes of environmental and socio-economic determinants of health and the respective health outcomes. In addition to climate sensitive diseases and health impacts issues like vulnerability, coping mechanisms, disaster preparedness, and adaptation strategies by the health sector may be discussed at the seminar.
3. **Economic drivers and sustainable coping strategies** for climate change adaptation and mitigation, and tools for benefit-cost analysis of mitigation and adaptation options to assist countries make priorities for use of national and international funds.
4. **Urban poverty, urban/rural links and climate change.** Adaptation to climate change in developing countries is often associated with rural areas, and yet half the world's population now lives in cities. How do the urban poor adapt to climate change, and what are the experiences from current efforts to support pro-poor adaptation in urban areas? The seminar will address these issues with an emphasis on the ways in which the resilience of poor urban communities can be supported and strengthened, as well as how management of natural resources incl. water can be improved in order to contribute to poverty reduction in urban and peri-urban settings.
5. **Low carbon energy development**, how to increase access to clean and efficient energy services for the billions currently relying on traditional woodfuel or having limited access to energy at all. Mitigation and adaptation linkages e.g. how increased energy access can contribute to increased resilience or how changes in rainfall may lead to need for irrigation while at the same time the

sparse water resources are a problem for local hydro power supply.

- 6. Disaster management.** As hazards, threats, vulnerability and risks are touched upon under other themes, the session on disaster management will focus on disaster risk reduction (preparedness, prevention and mitigation), including lessons-learnt and integration of disaster management strategies into overall development activities.

**Meeting Form:**

A mixture of plenary, key-note presentations, thematic parallel sessions and café discussions

**Preliminary programme:**

8.30 – 9.00	Registration
9-10	Keynote presentation
10-12	2-3 Parallel sessions – each with one theme and 3-4 presentations
12-13.30	Lunch discussion: sandwiches at small tables: Contribution of climate change research to economic and social development
13.30 – 15.	2-3 Parallel sessions – each with one theme and 3-4 presentations
15.00 – 15.15	Coffee
15.15 – 16.30	Plenary discussion – feedback from previous session and discussion of future activities

**Organizing Committee:**

**Climate Change Task Force (CCTF):** A joint initiative established by the three Danish Danida supported research networks, Danish Development Research Network ([DDRN](#)), Danish Water Forum ([DWF](#)), and the Danish Research Network for International Health ([Enreca Health](#)). The aim is to address issues of common interest related to climate change research and knowledge management.

For more information please refer to our website:

[http://ddrn.dk/ddrn\\_working\\_groups-climate-change-task-force.html](http://ddrn.dk/ddrn_working_groups-climate-change-task-force.html)