



Third LaSyS Workshop 2007

**Land system science:
Handling complex series of natural
and socio-economic processes**

Funded by the Danish Research Council - SJVF



Welcome to all

Invited speakers, national and international participants

Organizers:

Anette Reenberg and Kjeld Rasmussen, Department of Geography and Geology, University of Copenhagen.

John Porter and Jakob Magid, Faculty of Life Sciences, University of Copenhagen

Per Christensen and Finn Arler, Department of development and Planning, Aalborg University

Bent Odgaard, Department of earth Sciences, University of Aarhus

Jørgen E. Olesen and Tommy Dalgaard, Faculty of Agricultural Sciences, University of Aarhus

Secretariat:

Lars Jørgensen and Bente Gade, GLP-IPO, Department of Geography and Geology, University of Copenhagen.



Background

- Danish Network for Land System Science' (LaSyS) will bring together leading Danish research groups addressing *human dimensions of global change*, specifically issues related to the use of land.
- LaSyS aims at positioning acknowledged, but currently not very well coordinated, Danish research groups to become part of international efforts.
- It will do so by bringing together natural science (geo-science as well as biology), agricultural science, social science and humanities with interest and research experience in key aspects of 'land system science'.
- The ambition is to inspire future directions of research for existing research groups, to broaden the research and obtain a high degree of interdisciplinary interaction and integration in the research



Program 2007 components

- **Key note presentations:** contemporary lines of thought in land system science
- **Presentations followed by panel discussion:** crossing disciplinary boundaries - (insurmountable?) challenges for land system science researchers
- **Poster presentations**
- **Oral presentations:** Strategic management goals and valuation of landscapes The change in role, importance and character of 'decision making' as a pivotal parameter in land system dynamics
- **Discussion groups:** future research collaboration



Theme I: Contemporary approaches to land systems science

Speakers in this session present – based on their broad experience – recent developments within land systems science and identify visions and future challenges for the land systems research community



Theme II: Interdisciplinarity in land systems science: different cultures, agendas, success criteria, mutual interactions and meanings

- *The presentations in this session places emphasis on challenges related to interdisciplinary land systems research. The presenters discuss - using examples from their individual disciplinary background – what they will require in terms of level of documentation and standards to confirm research hypothesis.*
- *The panel discussion focus on how to deal with the different disciplinary cultures, agendas, data standards, empirical demands and meanings*



**Theme III:
Strategic management goals and
valuation of landscapes**

*The last session address various issues which relate to e.g.
assessment of land use implication, landscape management goals,
landscape characterization*



**Theme IV:
Winding up**

- Danish Land Systems Science – today and in the future
- Discussion groups: future research collaboration



**The organizers
hope that you will
enjoy the workshop**