

Invitation to Agri4D workshop in Gothenburg, 2-3 December 2010

Land Productivity in a Changing Climate: lessons learned and future research needs

The workshop will take stock of land productivity research and linkages with land use and management, land degradation, and rural poverty in countries and regions facing new climate change risks and associated food security challenges, such as Sub-Saharan Africa. We invite participants who would like to present and discuss a multi-scale approach linking case studies at the farm and plot level to catchment level modeling, and landscape-wide analysis of ecosystem services provided by sustainably managed land in terms of water and food provision, and carbon storage in soils and vegetation. Selected papers from the workshop will be published in a special issue of an international research journal.

Day 1

9.00-9.20 Overview and purpose of the workshop: Dr Gunnar Köhlin, UoG.

9.20-10.00 Keynote presentation on Land Productivity Research in a Changing Climate: Prof Michael Stocking, DEV, UEA

10.00-10.30 Coffee break

10.30-12.30 Theme 1: Research on agricultural productivity at farm level

Introduction: Representatives from SUAS, UoG and LU present overviews of their research on agricultural productivity.

We also invite brief research presentations from PhD candidates and researchers.

12.30-13.00 Discussion on new research and collaborations

13.00-14.00 Lunch break

14.00-15.30 Theme 2: Catchment modeling in support of Sustainable Land Management

Introduction: Gunnar Köhlin

As a result of a consultancy for TerrAfrica the Efd center in Ethiopia proposed a methodology where on site productivity estimations could be combined with catchment modeling using the Soil and Water Assessment Tool (SWAT). The session would be devoted to presenting the proposed framework as well as the existing experiences of catchment modeling and valuation within the Agri4D network related to PES, Green Water Credits, etc.

We invite brief research presentations from PhD candidates and researchers.

15.30-16.00 Coffee break

16.00-17.30 Discussion on potential for future research collaborations

Day 2

9.00-10.30 Theme 3: Landscape-wide analysis of ecosystem services provided by SLM

Introduction: Anna Tengberg

This theme could include presentations on historical land-use changes and the drivers of change in landscapes in e.g. Africa (LU, SU? Depts of Geography), valuation of landscape-wide carbon benefits of SLM in western China (ADB SLM programme), the GEF carbon benefits tool, etc.

We invite brief research presentations from PhD candidates and researchers.

10.30-11.00 Coffee break

11.00 – 13.00 Making Land Productivity Research Policy Relevant: potential areas of research collaboration

Introduction: Michael Stocking

Keynote on *Linking SLM science to policy advice and decision-making*: Per Rydén, World Bank

Discussion

13.00-14.00 Lunch break

14.00-15.00 Next steps and roles and responsibilities

The workshop is proposed to be wrapped up with a discussion of most promising areas for collaboration. Expected outcomes are (i) increased contact over disciplinary borders that will increase the quality and relevance of the disciplinary research, (ii) increased potential for inter-disciplinary collaboration and joint research proposals.

Logistics

- Selected papers from the workshop will be published in a special issue of an international research journal that Michael Stocking will be the guest editor of. It is therefore important that presentation abstracts are received by 30 June and the full papers are submitted no later than 31 October 2010.
- A maximum number of 30 persons will be able to participate in order to enable the best possible interaction. Early registration and abstract submissions will be prioritized. Please indicate which Theme you want to present under.
- The workshop will be hosted by the Environmental Economics Unit, Department of Economics, University of Gothenburg. Both senior researchers and PhD students are welcome.
- For registration, submission of abstracts, and logistics, please contact ida.hellmark@economics.gu.se, 031-786 4337.
- For questions and comments on the program, please contact Anna Tengberg (anna.tengberg@economics.gu.se) or Gunnar Köhlin (gunnar.kohlin@economics.gu.se).