

Workshop Agrosystem Services 2014

Background

The global growth in demand for food, fodder and the relevance of biomass as a renewable resource for energetic and non-energetic use are major causes of increased competition for agricultural land. The consequence is an increased pressure on *Agrosystem Services* with negative environmental impacts. *Agrosystem Services* are, related to the concept of *ecosystem services*, manifold goods and services provided by nature to humankind in agricultural systems.

In our workshop on *Agrosystem Services* we want to work out concepts for new agricultural systems that aim to integrate the supply of multiple *Agrosystem Services* in the agricultural biomass production but at the same time, maintaining long-term ecosystem functioning and biodiversity. We would like to look at new approaches for agricultural feedstock. Who will use agricultural biomass in the future and which necessities should the biomass accomplish for them? Additionally, the workshop wants to point out the impact of rising biomass demand on the vulnerability of agricultural systems. New ideas on balancing provisioning and non-provisioning services in agricultural production will complement the workshop.

The international workshop will be held from **17 - 18 February 2014** at the Leibniz Centre for Agricultural Landscape Research (ZALF) e.V. in Müncheberg (near Berlin), Germany. The workshop is organised in co-operation with the Ecosystem Services Partnership (ESP), the International Association for Landscape Ecology (IALE) and the LEGATO project.

If you are working on one of these topics and you would like to present your work please submit an abstract for a talk or a poster to Franka.Papendiek@zalf.de until **November 15, 2013**.

We are looking forward to welcoming you in Müncheberg!

Franka Papendiek
Leibniz Centre for Agricultural Landscape
Research (ZALF) e.V. Müncheberg; ESP; IALE
Franka.Papendiek@zalf.de

Benjamin Burkhard
Christian Albrechts University Kiel
LEGATO project; ESP; IALE
bburkhard@ecology.uni-kiel.de

Draft programme *Agrosystem Services* workshop

Monday, February 17, 2014	
10:30	Start of registration
11:30	Keynote Teresa Pinto Correia (University of Evora, ICAAM and President IALE Europe)
12:15	Lunch
13:15	Introduction workshop topics
14:00	Parallel workshops
16:00	Coffee break
16:20	Parallel workshops
18:00	End of 1 st workshop day
18:30	Joint Dinner
Tuesday, February 18, 2014	
09:30	Keynote Fabrice DeClerck (CGIAR Belgium, ESP)
10:15	Coffee break
10:30	Continuation in workshops
12:30	Lunch
13:30	Poster session
14:30	Workshop reports and discussion
16:00	Workshop conclusions
16:30	End of the workshop

Workshop A

Demand for agricultural biomass – Increasing pressure on Agrosystem Services

- Potential analyses
 - Hunger for meat
 - Biomass as substitute for fossil resources
 - Demographic dynamics
- New applications for agricultural biomass
 - Food
 - Non-food use

Workshop B

Vulnerability of agricultural systems – Influence of Agrosystem Services

- Cultivation management systems
- Maintaining ecosystem functioning and biodiversity

Workshop C

Sustainable Agriculture – The balance in Agrosystem Services

- Landscape-level decision making
- New agricultural management strategies (organic farming, ecological engineering, bi-cropping, ...)
- Policy requirements (e.g. CAP, EU Nature2000, new EU Biodiversity strategy)