PhD course (3 ECTS) ClimBEco graduate research school
Hyltemossa Research Station, Scania, Sweden
18.-22. November 2019

Biodiversity and ecosystem services in agriculture, forestry and urban environments

Human wellbeing is tightly linked to biodiversity and ecosystem services, and their management is a major societal challenge. This is an exciting, multi-faceted field of research. How can we take into account the different functions and services? What are the relevant scales for ecological processes and do they match management scales? How do we account for the value of ecosystem services? In this course, we take a decidedly interdisciplinary perspective, drawing on community and landscape ecology, environmental management, governance and environmental economics to explore these question with leading researchers in the field:

- Multifunctionality in production landscapes (Micael Jonnson, Umeå University)
- Linking biodiversity and ecosystem services across scales (Johan Ekroos, Lund University)
- Decisions, governance and their relationship to ecosystem services and biodiversity (Julia Leventon, Leuphana University)
- The economics of biodiversity and ecosystem services (Mark Brady, Lund University / SLU AgriFood)
- Ecosystem services in urban environments – research and planning (Chiara Cortinovis, Lund University)
- Excursion and case-study with the ecologist from Hässleholm municipality (Lars-Erik Williams, Hässleholm municipality)

*The list of speaker names is not final and potentially subject to change.*

Each day will have a session with lectures in the morning, with one keynote lecture (45 min) and two shorter, more specific contributing lectures (30 min). Lecturers at each day prepare a set of questions and related references to provide to the students at least two weeks in advance of the course. Course participants will then work on these issues in the afternoons and present their results/opinions for discussion later the same day.
Location: Hyltemossa Research Station

Hyltemossa is located a few kilometers south of Perstorp, in northwestern Skåne. The research station is part of ICOS (Integrated Carbon Observation System) which is a European research infrastructure to quantify and understand the greenhouse gas balance of the European continent. A tour of the station will be arranged during the course. The station offers basic accommodation, four bed rooms, kitchen and wireless internet. If needed, additional accommodation will be booked nearby. We aim for a friendly course atmosphere that allows having time for plenty of discussions based on exciting lectures. Lunch will be provided by a local caterer and we will jointly self-cater for breakfast and dinner (all ingredients are supplied).

Fees and registration
The participation in the course is free, but there will be a no-show fee in the case of late cancelling. We look forward to meet students from different research areas to make this course a long-lasting experience. The total number of available places is 14 students. ClimBEco participants have acceptance priority. Please register by November 1st. Click this link to access the registration form. Feel free to contact fabian.roger@cec.lu.se should you have any questions!

The course is given with support from the Graduate research school ClimBEco. ClimBEco participants have acceptance priority. The course is organized by Fabian Roger, Juliana Dänhardt and Yann Clough (Centre for Environmental and Climate Research, Lund University).