

Workshop: Comparative ecology of tropical and temperate pollination



Pollination is an important ecosystem service in agriculture, globally contributing to crop quantity and quality. Growing demands for food and energy and its benefits to human welfare highlight the need to maintain or even improve pollination. Nevertheless, bees and other pollinators are increasingly endangered, mostly by a combination of various anthropogenic stressors.

Aim of this workshop is to identify and discuss (i) comparative stressors that endanger bee populations in tropical and temperate regions and (ii) methods and designs that can be used to study pollination systems and its effects on yield quantity and quality, independently from region and climate.

In addition, we are open to discuss possible research interests/topics and field projects about pollination ecology to be performed in the Western Ghats of India.

When: 20th April 10:00 – 17:00 and 21st April 10:00 – 15:00

Where: Synpunkten, Biology Building B, 2nd floor

Deadline for registration: 18th April

Contact: Björn Klatt (bjorn.klatt@biol.lu.se)
Hema Somanathan (hsomanathan@iisertvm.ac.in)

Lunch and coffee will be provided. We also aim for a social evening after the first day (20th April for relaxed discussions and to get to know each other.

Preliminary list of talks (more will follow soon):

Pollination services in tropical agroforestry systems

(Hema Somanathan, IISER–TVM, Vithura, India)

Automatized identification of pollen using a pollen scanner

(Ola Olsson, Biodiversity, Lund, Sweden)

Landscape sharing/sparing at different scales

(Johan Ekroos, CEC, Lund, Sweden)

Urban pollinators and pollination

(Anna Persson, CEC, Lund, Sweden)

Ecological intensification through insect pollination

(Sandra Lindström, SLU Uppsala, Sweden)

An overview of pollination services in fragmented tropical forests

(Hema Somanathan, IISER–TVM, Vithura, India)

Yield quality and its importance for pollination studies

(Björn Klatt, Biodiversity, Lund, Sweden)

Interactions across the aquatic-terrestrial boundary – effects on pollinators and their services

(Björn Klatt, Biodiversity, Lund, Sweden)