

SEMINAR

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Hosted by Dr Chong Kwek Yan

More than honey: insect pollinators in urban and farmland areas



By Dr Anna Sofie Persson

Lund University, Center for Environment and Climate research

Biodiversity is undergoing large and global declines. Insect pollinators is one group whose decline has been highlighted and where human induced land use changes, e.g. caused by farmland intensification, have been identified as major drivers. Declines in pollinators are negative for biodiversity per se and also pose a risk to pollination of native plants and crops. However, lately urban areas have been suggested as potential refuges for insect pollinators. I will discuss different aspects of pollinator responses to land use and landscape changes, both in farmland and urban areas. I will also introduce my ongoing research where I am investigating insect pollinators and pollination of native plants and garden crops in two urban areas: Malmö, Sweden, and Brisbane, Australia. Finally, based on my experience from municipal planning, I will touch upon how the concept of Ecosystem Services is increasingly being used in (urban) planning in Sweden.



Dr. Anna Sofie Persson has a PhD in animal ecology and is currently a postdoctoral fellow at the Center for Environment and Climate research (CEC), Lund University, Sweden, and the School of Biological Sciences at University of Queensland, Australia. Her research background is in landscape ecology and conservation science. Anna's current project deals with how the urban environment affect native bees and hoverflies, and if any effects on pollinators translate into effects on the ecosystem service they provide, i.e. pollination of garden crops and native plants.