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HELMHOLTZ
CENTRE FOR
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iDiv



MARTIN-LUTHER
UNIVERSITÄT
HALLE-WITTENBERG

German-Estonian Summer School on Pollination Ecology

02-06 July 2018
Western Estonia

Topic and Objectives

The Helmholtz Centre for Environmental Research (UFZ), the German Centre for Integrative Biodiversity Research (iDiv) and the Martin Luther University Halle-Wittenberg (MLU) organize a summer school on pollination ecology in Estonia in cooperation with the University of Tartu (UT). We invite students (Bachelor, Master or PhD level) from Estonia and Germany to participate in this exciting event.

The summer school will teach students how to collect data on plant-pollinator networks in the field. The data will be analysed in order to quantify:

- the breeding system of a plant species
- the magnitude by which plant species are pollen limited
- the environmental and plant traits that correlate with pollen limitation
- the identity of the pollinating insects to broad taxonomic groups
- the structure of the plant-pollinator network for a community of co-flowering plant species.

The summer school will take place near Virtsu, Estonia (58.550556°, 23.601944°; see also: <http://bit.ly/2n6X1s0>)

All statistical analyses and network analyses will be conducted using the programming language R. The language of the summer school is English.

Duration

02-06 July 2018 (arrival on 1st and departure on 7th July)

Instructors

Prof. Dr. Tiffany Knight (UFZ/ MLU/ iDiv): expertise in pollination ecology, experimental design

Lena Neuenkamp (UT): expertise in plant community dynamics and plant-soil interactions of biodiverse grasslands

Valentin Ştefan (UFZ/ iDiv): expertise in statistics, R programming

Dr. Reinart Feldmann (UFZ): expertise in entomology

Requirements

- Bachelor students (in their final years), MSc students or PhD candidates in the fields of botany, ecology, entomology, or other related field
- Interest in pollination ecology
- Good English skills
- Motivation to learn in an intercultural working environment

Application process

Prospective participants of the summer school should send their application to Reinart.Feldmann@ufz.de. Please enclose the following documents in one PDF document:

- a short CV (1 page), including detailed contact information
- a statement (max. 1 page) explicitly addressing
 - why you want to attend the summer school
 - your research interests
 - how you expect to benefit from this summer school
 - your experience (if any) with statistics using R
- names of two people that can provide references

The summer school committee will select ten summer school students (five students each from Estonia and Germany).

Application deadline

16 February 2018

Course costs and funding

Accommodation will be provided at no cost, and travel expenses will be reimbursed after the summer school. There is no course fee.

Funding is provided by the Helmholtz Recruitment Initiative, endowed by the German Federal Ministry of Education and Research.

For further information, please visit our website: <http://bit.ly/2DBkegl>