P000012 Animal movements - from free ranging to restricted indoor environments, 3 hp

PhD course arranged by Graduate School for Veterinary Medicine and Animal Sciences (GS-VMAS)

Course date: 4-8 September 2023
Place: Ekenäs herrgård in Sörmland, Sweden (58°57'7.2"N 16°35'32.8"E)

COURSE CONTENT
The aim of this course is to learn method approaches to analyse movement data on animals in natural, semi-natural or indoor environments. The focus will be on using existing R packages for movement analysis evaluating, how animals are affected by their environments and what drives their behavioural decisions.

We will exemplify animal behaviour and decisions to three different systems
1) free-ranging reindeer use of natural pastures,
2) horses/cows in semi-natural pastures, and
3) cows in an indoor environment.

GPS-data, local locational data systems (e.g., ultra-wideband) will be used during the course.

The course consists of five whole-day meetings in Sweden at Ekenäs Estate in Sörmland, with lectures and computer exercises. In addition, the students are expected to do individual work before and after the course.

In total the course corresponds to 3 weeks full time. The students will bring their own computers to work on. We will encourage students to bring their own movement data to work on during the course.

Photo: Anna Silvera

CONTACT
Course leaders:
Anna Skarin anna.skarin@slu.se
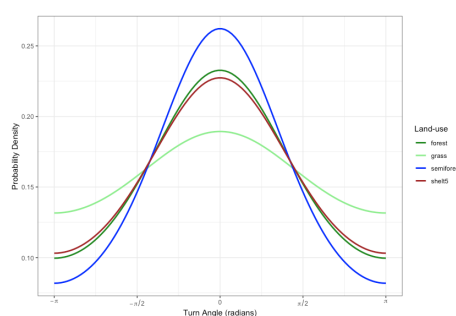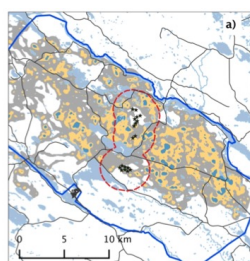Lars Rönnegård lrn@du.se

Teachers in the course:
Johannes Signer, Univ of Goettingen
Bernardo Brandão Niebuhr, NINA
Hector Marina, SLU
Keni Ren, SLU

Housing and food is included for all course participants during the course week.

Last date of application: August 14 2023
To apply to the course scan the QR-code or go to: www.slu.se/gs-vmas-courses

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