

ANIMOVE

Summer
School
2013

Animal Movement - Remote Sensing - Conservation

Spatial Movement Models and Remotely Sensed Environmental Data for Real-World Conservation.

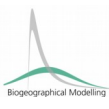
Date

11th – 25th August 2013

Location

Max Planck Institute for Ornithology
Radolfzell, Germany

organised and funded by



We would like to announce the 2013 ANIMOVE Summer School. The course will provide MSc and PhD students as well as conservation managers and early career scientists with a working knowledge of Geographic Information Systems (GIS), Remote Sensing, analysis of species movement and species distribution modeling.

The focus will be on interdisciplinary approaches linking animal movement, environmental factors and conservation. Advanced theoretical lectures and seminars will be complemented by daily hands-on work using methods and practical conservation activities to balance between practical skills and state-of-the-art theoretical background. The course will be exclusively based on open source software (R, GRASS) and will provide participants the necessary skills to integrate remote sensing and species movement into wildlife management and conservation approaches.

Evening keynote lectures by international scientists working in relevant fields are also scheduled. The total number of participants is limited to 30 persons.

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Information

Time-table

Dead-line for applications:	31.03.2013
Letter of acceptance:	15.04.2013
Confirmation and 50% prepayment of fees by:	01.05.2013

Fees

Registration fees for the whole Summer School have been fixed at 850 EUR for students (including accommodation and food), higher fees for non-students apply. Limited sponsorships are available. Further information can be found on the webpage.

Application

Please submit the application form, your CV, a letter of motivation and a letter of recommendation via the webpage.

For further inquiries please contact us.

Contact

summerschool@global-change-ecology.de

5 ECTS points will be credited for the successful participation and a manuscript style document of your project.

Topics

This Summer School will provide a profound knowledge of spatial data handling and analysis including modeling in the first days followed by advanced workshop on animal movement and space use of animals with respect to resource availability derived by remote sensing techniques. These technical workshops will alternate in the first days with practical field method exercises (e.g. GPS tracking, land cover sampling). Plenary talks will provide background information and relevant analysis of actual conservation projects which will be dealt with in small groups after the first workshop days until the end of the Summer School. The project work will be increasingly accompanied by project specific discussions and should result in a manuscript style document and valuable information for the respective conservation projects.

It is expected that participants have a strong interest in the mentioned topics. Modeling, R/GRASS or remote sensing knowledge is advantageous but not mandatory. Data sets will be provided but it is also possible to work on own data.

Lectures and Plenary talks by

Martin Wikelski, Peter Leimgruber, Björn Reineking and further scientists and conservationists from international organizations.

Lectured & organised by

Nathalie Pettorelli
Kamran Safi
Martin Wegmann

Further information on the webpage

www.remote-sensing-biodiversity.org/animove2013