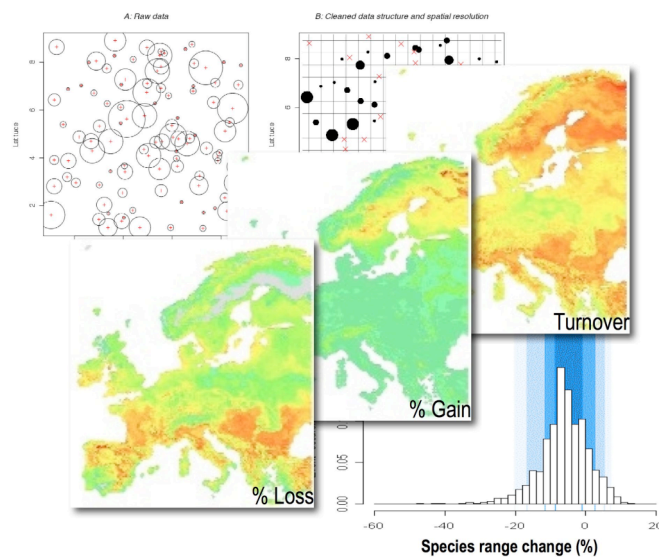




International Summerschool

Predictive Habitat Suitability Models for Nature Conservation, Species Management, and Global Change Projections on Biodiversity

20-24. September 2010,
WSL, Birmensdorf, Switzerland



Topics:

Theory, Concepts & Principles
Data, Sampling Design & Spatial Scales
Model Fitting (Techniques & Calibration)
Model Evaluation & Ensemble Forecasting

Guest Lectures:

M.B. Araujo, M. Cabeza, N.G. Yoccoz

Organizers and Lecturers:

A. Guisan, W. Thuiller, N.E. Zimmermann

Program

Day 1 - MONDAY 20 Sept

- *Data, sampling designs and spatial scales*

Lectures and Practicals in R

Day 2 - TUESDAY 21 Sept

- *Theory, concepts and principles behind predictive modelling*
- *Overview of modelling techniques in R*
- *The BIOMOD package*

Lectures

Day 3 - Wednesday 22 Sept

- *Fitting models with BIOMOD*
- *Model evaluation*

Lectures and Practicals in R

Day 4 - Thursday 23 Sept

- *Uncertainty analyses & ensemble forecasting*

Lectures and Practicals in R

Day 5 - FRIDAY 24 Sept

- *Gap Analysis in Conservation Planning*
- *Iterative Algorithms*
- *Concepts and Theory in Reserve Planning*

Lectures and Practicals in R

Workshop Costs

Workshop Fees: CHF 450.- (€ 300.-), including the registration, workshop material, five lunches, and 1 dinner.

Application

The number of participants will be limited to 30! Applications incl. CV and motivation should be sent to sibylle.hauser@wsl.ch, with subject: "ECOCHANGE Summer School 2010" no later than MAY 29th 2010.