



ForBio introduction course R – basic use of the software package for biodiversity studies

15.-16. March 2012, University of Bergen

R is a language and environment for statistical computing and graphics. It provides a wide variety of statistical (linear and nonlinear modeling, classical statistical tests, time-series analysis, classification, clustering, ...) and graphical techniques. The R work environment is very useful for biodiversity studies, including modeling of diversity patterns and environmental effects on species distributions.

ECTS: 0.5

Language of instruction: English

Course materials: suggested literature, suggested online material

Assessment: presence during the course, grade pass/fail, ForBio certificate over participation

Required previous knowledge/course specific requirements: no specific requirements

Course start: Thursday 15.3.2012, 9:00

Course end: Friday 16.3.2012, 16:00

Locality: Bergen, Norway

Application deadline: 10.2.2012

Please use the course application form posted on

www.forbio.uio.no/events/courses/ForBio-CourseRegistrationForm.doc

Course contact: Christiane Todt (christiane.todt@bm.uib.no)

Accommodation: will be organized by ForBio

Aim of the course

This course is a short introduction to the R environment, useful for people who want to get to know R and learn about its applicability to their biodiversity projects or who need to refresh their knowledge in preparation to the ForBio course on biogeography for systematists. It includes a basic introduction and practical application of the R-language, import of data, subsets of data, plotting, randomization

Main teacher/instructor

Eric Meineri (EECRG research group, Department of Biology, UiB)

Preliminary program

15.3. general introduction, computer lab

16.3. computer lab