

INTRODUCTION TO BIODIVERSITY ANALYSES IN R

Species richness and diversity exhibit temporal and spatial variability influenced by environmental and historical factors. This course aims to familiarize participants with fundamental methodologies applicable in R programming language for biodiversity research. Following a brief recap of the preceding introductory course on R, the primary objectives are (1) to elucidate common statistical models pertinent to biodiversity investigations, including their underlying assumptions and practical application, and (2) to learn the use of DNA-based data (e.g. phylogenies) to tackle relevant questions within biodiversity research.

CHARACTERISTICS:

- Language: English.
- On-site. Theoretical and practical.
- Maximum 25 attendees.

**17/06/2024 to 19/06/2024****10h to 17h****Edifici Antoni Maria Alcover**

INTENDED FOR:

Graduate students or anybody interested in making biodiversity studies more quantitative.

TEACHING STAFF:

Diego Fontaneto (Italian National Research Council, CNR)

<https://www.researchgate.net/profile/Diego-Fontaneto>

REQUIREMENTS:

- Personal laptop computer.
- Installation of a list of free software to be shared in advance with the participants.

Free with previous REGISTRATION

Organise: <https://centrebaleardebiodiversitat.uib.cat/> **Contact:** a.diaz@uib.cat