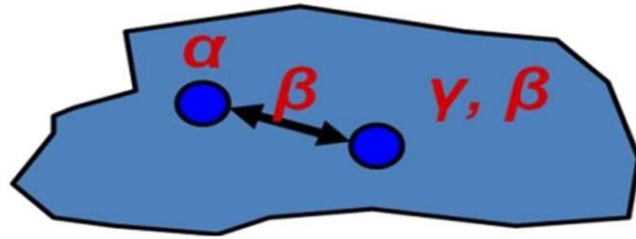


cE3c Advanced Courses 2021/2022



Measuring Biodiversity: How to get data, assess its quality and measure different aspects of diversity

Taught by: Joaquín Hortal & Ana Margarida Santos | July 18 - 22, 2022 @ FCUL

Note: This course is intended to be presential, but if needed (e.g. due to COVID-19 security measures by the time of the course) it may be adapted to be given remotely

Objectives

This course offers an overview of the different ways to measure biodiversity and provides tips for the stratification of primary biodiversity data and the construction of variables that describe its various facets. It also includes an in-depth review of the different types of data used to measure biodiversity and their problems and limitations. During the course we will describe the facets of biodiversity that are commonly studied, with an emphasis on ecological and species diversity. We will also review the different ecological functions that have been assigned to some of these facets, their possible role in ecosystem functioning, and the relationship between biodiversity and some ecosystem services that are essential to the functioning of the biosphere.

Deadline for applications: May 31, 2022

The course is free for a maximum of 10 1st year PhD students in Doctoral programmes at FCUL (e.g. Biology), Biodiversity, Genetics and Evolution (BIODIV UL, UP), Biology and Ecology of Global Changes (BEAG UL, UA) and Sustainability Science. For information of fees for other participants see the programme details.

See the PROGRAMME, how to apply and fees at:

<https://ce3c.ciencias.ulisboa.pt/training/ver.php?id=166>



Ciências
ULisboa
Faculdade
de Ciências
da Universidade
de Lisboa