



Máster oficial  
**Geoforest**

**CURSO 2020-2021**

## **NDVI trends for quantifying and mapping the interannual habitat dynamics in the Iberian Peninsula**

### **Descripción:**

In the era of the Anthropocene, there is an urgent need for techniques to rapidly and periodically identify and measure biodiversity and ecosystem services over large landscapes. Time series analysis of remote sensing data can provide information concerning many variables useful for inventorying, modelling, and monitoring habitat dynamics. The main objective of this study is to evaluate the NDVI-based time-series trends as predictors of annual habitat dynamics in the Iberian Peninsula (Portugal and Spain). To do so, GIS tools and Remote Sensing techniques will be used, and analytical and processing information and data will be performed by R software.

### **Referencias:**

Arenas-Castro, S.; Regos, A.; Gonçalves, J.F.; Alcaraz-Segura, D.; Honrado, J. Remotely Sensed Variables of Ecosystem Functioning Support Robust Predictions of Abundance Patterns for Rare Species. *Remote Sens.* 2019, 11, 2086.

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