

Department

Title

Research Unit / Team



Name (Arial 15)

(Student/Advisor/PI)

Environmental Engineering degree (FCT/UNL, 1982)  
Ph.D. (FCT/UNL, 2000) on Remote sensing of Mediterranean shrublands.  
Assistant Professor

## Objectives

Use of satellite images for the estimation of biomass and biophysical characteristics of Mediterranean shrub vegetation:

Describe the spectral behaviour of mediterranean *Cistus* scrub

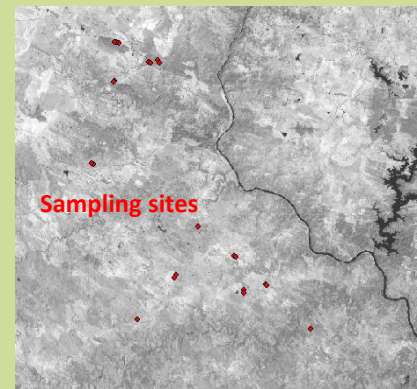
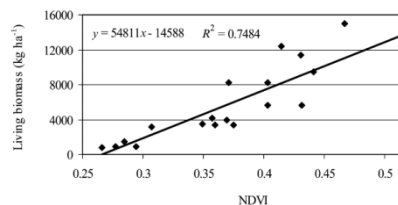
Assess the potential of satellite data, namely Spectral Vegetation Indices, to quantify vegetation;

Study the scrub dynamics.



## Methodology

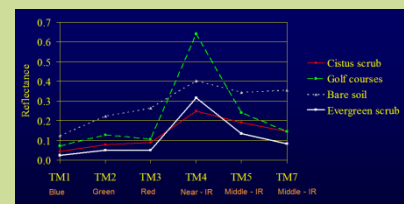
Relationships between Landsat information, namely spectral vegetation indices and field data.



## Expected Results

Satellite imagery can be used to map biomass in Mediterranean scrubland regions

It has the potential to discriminate different types of vegetation.



Funding: