Research Group for Sustainable Management

Tecnatura

POLITÉCNICA

Environment and Forestry

Technical University of Madrid

(Universidad Politécnica de Madrid)

UPM

http://www.geocities.com/gestion_sostenible

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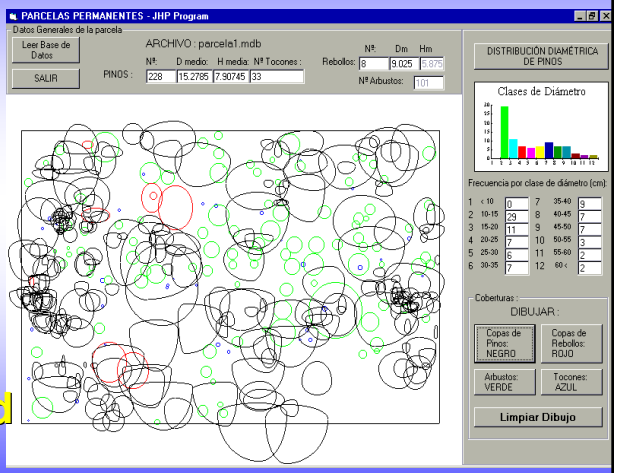
RESEARCH LINES:

- **Ecology and Sustainable Forest Management:** Stand structure, competition and growth of forest species
- **Modelling and simulation of natural processes**



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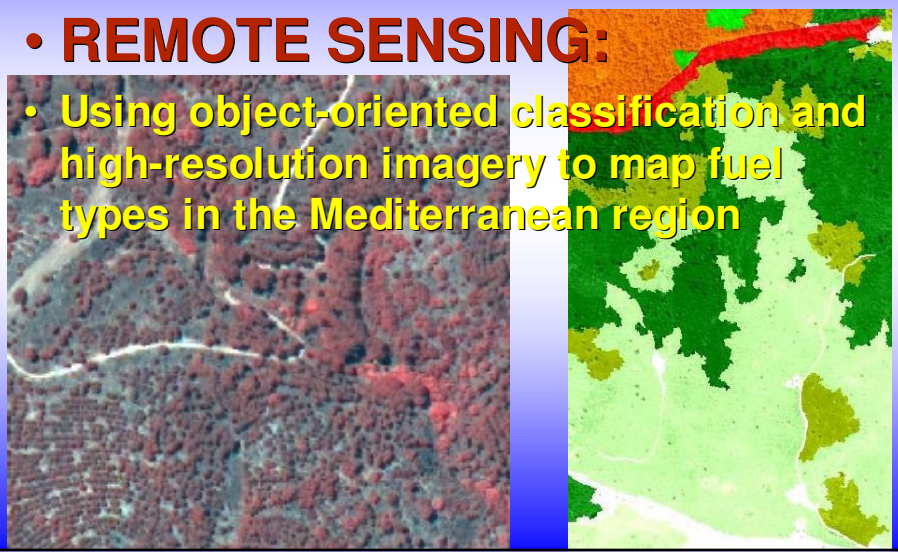
- **REMOTE SENSING:**
  - Using object-oriented classification and high-resolution imagery to map fuel types in the Mediterranean region



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- **Design, planning and management of natural areas.**
- **Quantitative Methods in Environmental Management:**
- **Optimisation of spatial allocation of forestry activities within forest stands.**
- **Estimation of non-parametric analysis for dasometric measurements.**

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- **Landscape Ecology and territorial planning:**
- **Forest Externalities, Demography and Rural Development, Forest Policy and Economics**

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Research Group for Sustainable Management

LABORATORY OF REMOTE SENSING FOR THE MANAGEMENT OF NATURAL RESOURCES AND TERRITORIAL PLANNING: FoReStLab

FoReStLab

Objetives: Research on Remote Sensing and integration of Geographic Information Systems (GIS) for the management of natural resources and territorial planning.

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FoReStLab

LABORATORY OF REMOTE SENSING FOR THE MANAGEMENT OF NATURAL RESOURCES AND TERRITORIAL PLANNING: FoReStLab

- MODELING OF NATURAL PROCESSES AND RISKS.
- AGROFORESTRY MANAGEMENT AND CONSERVATION OF BIODIVERSITY.
- TERRITORIAL PLANNING AND CONTROL OF ENVIRONMENTAL RISKS.
- CHARACTERIZATION OF ECOSYSTEMS AND GLOBAL CHANGE.
- ECONOMIC EVALUATION OF NATURAL RESOURCES
- GLOBAL POSITIONING SYSTEMS (GPS), PHOTOGRAMETRY AND GEOGRAPHIC INFORMATION SYSTEMS (GIS).
- GEOSTATISTICS AND STATISTICAL METHODS.

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FoReStLab

PERSONNEL

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