



# Suitability Analysis of Alternative Agroforestry Systems in the Context of Climate Change: Case study - Mitigation and Adaptation in the Center of Portugal

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**Seminario in lingua inglese**

In recent years, monoculture plantations have spread across the country, driven by the pulp and paper industry. These are generally more susceptible to fire spread than mixed forests or agroforestry systems. The study uses a Multicriteria Spatial Analysis tool to determine the suitability of species cultivated in an agroforestry mode for the present time and in the face of two future emission scenarios

**Luis Quinta-Nova**, main research areas: Use of multicriteria analysis tools in planning and management of natural areas; Study of the effects of climate change on the distribution of plant species and habitats. Environmental impact of Land use plans impact. Advanced applications of GIS in Plant Ecology.

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