

File name

TM_{exp}lots_{B2}

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Metadata Standard Name

ISO19115

Metadata Standard Version

2003/Cor.1:2006

Title

Experimental Plots in Ter basin (Catalonia - Spain)

Citation Identifier Code

TM_{exp}lots_{B2}

Identifier Code

Thematic Map: Experimental Plots. Basin: 2 (Ter)

Description

This map locates the forest experimental plots in the Ter basin. These plots are located in a Scots pine (*Pinus sylvestris*) forest in the Pyrenean foothills region, specifically, in Montesquiú Castle Park (protected natural area). It is a public estate pertaining to the Diputaci de Barcelona (province government) in Montesquiú Municipality (Barcelona province). The objective of the pilot experiment is to demonstrate and quantify the impacts of management which makes forests less vulnerable to climate change. In the case of the Ter basin, management practices pursue to improve the tree health containing tree mortality and to evaluate the potential of oak replacement of Scots pine under conditions of climate change. In the selected area, four pilot plots of approximately 1 hectare were implemented: Control plot, with no intervention. Treatment 1 plot: Application of understory clearing with the objective to reduce resources competition. Treatment 2 plot: Application of low thinning and understory clearing with the objective to reduce tree competition. Elimination of escort species and dominant Scots pines. Treatment 3 plot: Elimination of Scots pine with the objective to accelerate the replacement by oak and evaluate oak's future development.

Organisation Name

Life - MEDACC Project

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Keyword (1)

Experimental Plots in Ter basin

Thesaurus Name (1)

Experimental Plots in Ter basin

Use Limitation (1)

geossNonCommercial

Legal Constraints

no limitation

Distribution Format Name

ascii

Distribution Format Version

unknown

Data Quality (Citation title)

Experimental Plots in Ter basin

Data Quality (Explanation)

See the referenced specification