



Acronym	MONIMED
Full Title	Monitoring Mediterranean climate-smart forestry practices for climate resilience and ecosystem service provision
Partner(s)	CREAF – Centro de Investigacion Ecologica y Aplicaciones Forestales, Spain
Grant Theme	Establishing Climate-Smart Forestry and forest restoration pilots in Europe
Start Date	May 2024
Duration	18 months
Description	Rural abandonment in recent decades, together with climate change, make Euro-Mediterranean forest areas highly vulnerable to climate change impacts, and this situation threatens the provision of ecosystem services. In the past, forest management in Mediterranean forests was characterized by intensity, system simplification and being single-product oriented. Current forests are the result of the confluence of these trends: management abandonment on structures highly vulnerable to drought, pests and wildfires. In the last decade, several demonstrative projects have assessed the effects of forest management on the adaptive capacity of Mediterranean forests. These assessments have specially focused on monitoring different indicator parameters of forest growth, tree vitality and fire risk prevention after conventional management with different degrees of thinning intensity and underground clearing. MONIMED takes this vision of adaptive management a step further, incorporating new closer-to-nature management strategies and including new parameters linked to multifunctional management, biodiversity conservation and climate resilience of the system. The project encompasses the monitoring of ongoing pilots with conventional management (9 and 4 years of monitoring) with new adjacent pilots incorporating Climate-Smart Forestry practices: (1) integrative multifunctional management and (2) management oriented to natural development preparation. New parameters will be assessed in all practices, indicators of the forest's capacity to host biodiversity and its climatic resilience.



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