



LIFE 11 ENV/IT000215

Resilienza delle Foreste Mediterranee
ai cambiamenti climatici

Resilience of Mediterranean Forests
to Climate Change

GUIDA AL PROGETTO

PROJECT GUIDE

RESILIENZA DELLE FORESTE MEDITERRANEE AI CAMBIAMENTI CLIMATICI

RESILIENCE OF MEDITERRANEAN FORESTS TO CLIMATE CHANGE



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Questo lavoro è dedicato alla memoria di Sebastiano Cullotta, che ha contribuito in modo sostanziale allo sviluppo e alla realizzazione del progetto ResilForMed, con grande competenza scientifica, passione personale e dedizione.

La sua profonda conoscenza dei boschi siciliani è stata fondamentale per lo sviluppo delle azioni di studio e di intervento nel territorio, il suo spirito forestale determinante per l'interpretazione dei risultati.

A lui va il nostro ringraziamento e il nostro pensiero.

This work is dedicated to the memory of Sebastiano Cullotta, which has substantially contributed into the development and implementation of the ResilForMed project, with his great scientific expertise, personal passion and dedication.

His deep knowledge of the Sicilian forests, has been fundamental for the development of study actions and for the intervention in the territory; his forestry spirit has been determinant for the interpretation of the results.

Our thanks and thought are for him.

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REGIONE SICILIANA
Dipartimento dello Sviluppo
Rurale e Territoriale



**UNIVERSITÀ
DEGLI STUDI
DI PALERMO**

Dipartimento Scienze Agrarie,
Alimentari e Forestali



**CORPO FORESTALE
DELLA REGIONE SICILIANA**

A cura di - *Edited by*

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Training activities

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Within the framework of the action D2, a training program has been implemented, addressed to the forestry experts of the Sicilian Region Rural and Territorial Development Department, to the students of the Forestry and Environmental Sciences at the University of Palermo, to the professionals, members of the Forestry and Agronomy Doctors' Association, to all those interested and working in the forestry field in Sicily. The program provided for the implementation of several seminars and a workshop, which represented an important training, enrichment and comparison opportunity.

In January 2016, a workshop was organized concerning the "Forest Planning in Sicily" at the Agriculture and Forestry Sciences Department at the University of Palermo, sponsored by the Forestry and Agronomy Doctors' Association of Palermo. The issues dealt with during the seminar were: a) Sicily's Regional Estate Properties and the management potential; b) the project LIFE ResilForMed and the regional forest planning; c) the forest plans drawn up within the project ResilForMed; d) the forest planning in Sicily and the project Proforbiomed; e) Updating Sicily's Regional Forest Plan; f) examples of planning in Sicily's protected areas; g) implementation of a planning in Sardinia's regional properties; h) the forest planning management platform in the Region of Lazio. At the end of these works, all the participants

were invited to take part to a roundtable to discuss the importance of planning in the regional forest resources management.

In February 2016, 2 two-day seminars were organized, addressed to the forestry experts of the Sicilian Region Rural and Territorial Development Department. The seminars were carried out in Ficuzza (PA) and in Polizzi Generosa (PA) and they provided for a classroom lesson and a practical lesson on-site, the following day. The issues dealt with were: a) Sicilian forests, extent and environmental significance; b) the Sicilian forest categories; c) Climate changes and their effects on forests; d) The silvicultural intervention types in favor of the resilience and selection criteria; e) the interventions carried out through LIFE ResilForMed; f) drawing up and implementation on-site of the forest resilience assessment chart.

In May 2016, a one-day seminar was organized, addressed to the Forestry students attending the course of Forestry and Environmental Sciences at the University of Palermo. The seminar was carried out in Ficuzza (PA) and it provided for a morning classroom session and an afternoon practice session in the forest. The following subjects were dealt with: a) Sicilian forests and the forest categories; b) introduction to the project ResilForMed; c) the interventions carried out through ResilForMed; d) drawing up and implementation on-site of

the forest resilience assessment chart.

In November 2016, two two-day seminars were organized in Palermo and Catania, addressed to the forestry experts of the Sicilian Region Rural and Territorial Development Department. Each seminar provided for a classroom lesson and a practical lesson on-site the following day. The following subjects were dealt with: a) outline of the national and regional forestry rules. Plans, contents and requirements resulting from the rules; b) contents of a forest management plan, of the existing standards and data management; c) cadastral definition, photo-interpretation, state of roads through the use of GIS instruments; d) surveys to estimate forest stand mass; e) interventions program; f) Example 1 – Biomass-use-oriented management plan (Bivona); g) Example 2 – Cultivation management plan (ResilForMed); h) the cadastral description plan, the “Wood project” files. On-site: a) carrying out the description surveys within a forest property: control and correction of the preliminary cadastral data, collection of quality-quantity characteristics, intervention hypothesis; b) survey on dendrometric data within a test area.

Graduates of Forestry and Environmental Sciences discussed their theses focused on the activities of the project LIFE ResilForMed. In particular, 8 Bachelor’s degree theses were produced, and 1 Degree thesis of the Forestry and Environmental Sciences 4-year course at the University of Palermo. ■





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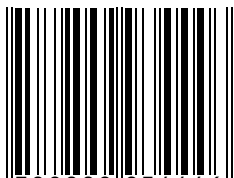


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