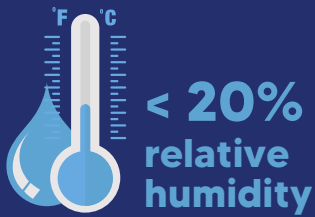




GREECE LIVING LAB

Reaching-up:



9% Agriculture

11% Pasture

25% Shrubs & woodlands

25% Forest

LAND COVER



Aleppo Pine
(*Pinus halepensis*)



Calabrian Pine
(*Pinus brutia*)



Stone Oak
(*Pinus pinea*)

2021

133,000 HA BURNT **46°C RECORDED**



Forests (50,000 ha)
Shrubs-woodlands (36,500 ha)
Agricultural (39,000 ha)



DID YOU KNOW?



The fire suppression system is mainly driven by the **Ministry of Climate Crisis and Civil Protection**

Investment in fire prevention has been increasing and new laws have been introduced since the devastating extreme wildfire events of Mati, Attica, in 2018 in the Athens suburbs and Evia Island in 2021, which caused at least 105 fatalities, of which 102 from the Mati fire, and economic losses.

In 2021, out of a universe of 18 wildfire events bigger than 500 ha, the mega-fire of Evia Island lasted for 9 days. It burned almost 50 k ha, affecting 15% of the island, which is the 6th largest island in the Mediterranean Sea. It had major impacts in a rich and scenic landscape with high tourism value and revenue, surrounded by valuable forests used for resin production, nomadic beekeeping and logging (mostly mature and pure *Pinus halepensis* conifer forests).

Over 90% of these wildfires are human-induced. Causes include arson, negligence, and burning of agricultural waste.



VISUAL INSPIRATION MAP

GREECE - COMMUNITY OF WILDFIRE INNOVATION

GOVERNANCE

Greece has a complex and heavily fragmented land tenure system in terms of forest land ownership. :

- 74% State and other agencies
- 9% local government bodies & communities
- 7% private landowners
- 10% other landowners



ACTORS INVOLVED

The Greece community of wildfire innovations (CWI) integrates 38 members, divided into 5 strategic members and 26 operational ones. The CWI members are classified into five types and distributed over the categories of the 4-helix of innovation.

FIRE-RES involves 2 national partners that include research and outreach institutions (the University of the Aegean and the National Observatory of Athens), enclosing 7 representatives from these institutions.

