

Forest Roads for Civil Protection



FORCIP+

The project aims at improving the use of the rural road network in case of emergency, especially forest fires.

Through transnational cooperation a wide range of inventories of existing road infrastructure will be accessible, different requirements will be met and a homogeneous model will be established.

ICT applications will be developed to improve the efficiency of use and propose improvements on the maintenance

Forest fire fighting vehicles will be equipped with GNSS

receivers in order to improve time response and increase fuel savings.

Fire specialists will be able to use network analysis for resources planning, locating most suitable places for ground means waiting areas or identifying forest surfaces where takes longer to access.

Other actors involved in emergencies will be able to use web management applications and public information.

MORE DETAILS

CHALLENGE ADDRESSED

--

DOMAIN

Inventory, monitoring
Forest disturbances, risks

TYPE OF SOLUTION

Data platforms, data hubs

KEYWORDS

Inventories
cartography
GPS
GIS

DIGITAL SOLUTION

Yes

INNOVATION

Yes

COUNTRY OF ORIGIN

--

SCALE OF APPLICATION

--

START AND END YEAR

--

CONTACT DATA

OWNER OR AUTHOR

**Laboratory of Photogrammetry and Remote Sensing, Aristotle University of
Thessaloniki**

Petros Patias

patias@auth.gr

<http://perslab.topo.auth.gr/>

REPORTER

REFERENCES AND RESOURCES

MAIN WEBSITE

<http://www.forcip.eu/>

PROJECT WEBSITE

<http://www.forcip.eu/>

PROJECT REFERENCE

RESOURCES

--

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

POST DATE

12 Aug 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

