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

Greece

SCALE OF APPLICATION

--

START AND END YEAR

2016 - 2017

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

--

--

LOGO OF BEST PRACTICE

LOGO OF MAIN ORGANIZATION

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

POST DATE

14 Sep 2021

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

Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY