

Project: „Early Fire Detection And Ranging for disaster prevention and management – eFIDAR“

Centre for development of the South-East planning region



INVITATION

Joint Training Program - eFIDAR

Location: Hotel Sirius, Strumica

Date: 09.11.2023 - 10.11.2023

Respected,

The Centre for development of the South-East planning region would like to welcome you to the joint training program within the project "Early detection of fires and their movement for prevention and disaster management - eFIDAR", financed by the European Union through the Interreg IPA CBC Programme "Greece – Republic of North Macedonia 2014-2020".

The training will be held for two days 09.11.2023 – 10.11.2023, Hotel Sirius, Strumica starting at 09:00 am (CET).

The main goal of the training program is to equip participants with the knowledge and skills necessary for effective unmanned aircraft (drone) operation, with a specific focus on early detection of fires and their movement for prevention and disaster management.

This training aims to achieve several key objectives:

Technical Proficiency: Participants will gain a deep understanding of drone technology, including the operation of the DJI Mavic 3 Thermal drone. They will learn how to set up and pilot the drone effectively.

Early Fire Detection: Training emphasizes the use of drones as a valuable tool for early fire detection. Participants will learn how to deploy drones to monitor and identify potential fire hazards in a timely manner, aiding in prevention and rapid response.

Disaster Management. Beyond fire detection, the training program delves into the broader aspects of disaster management. Participants will understand how drones can be leveraged in various disaster scenarios, including providing critical data for decision-making and assessing damage.

Project: „Early Fire Detection And Ranging for disaster prevention and management – eFIDAR“

Centre for development of the South-East planning region

Regulatory Compliance: The training ensures that all participants are well-versed in the legal and safety regulations governing drone operations. This knowledge is essential for responsible and compliant drone usage.

Hands-On Experience: Practical training and flight exercises allow participants to gain real-world experience in operating drones, making them confident and proficient drone operators.

Collaboration: The program fosters collaboration and networking among stakeholders in the South-East Planning Region, encouraging knowledge sharing and cooperation in disaster management efforts.

By the end of the two day training, participants will be better prepared to contribute to the safety and well-being of the community by effectively utilizing drone technology in emergency situations.

We look forward to your presence.

With respect,

Director

Gjoko Kamchev

Project: „Early Fire Detection And Ranging for disaster prevention and management – eFIDAR“

Centre for development of the South-East planning region



A G E N D A

Joint Training Program - eFIDAR

Location: Hotel Sirius, Strumica

Date: 09.11.2023 - 10.11.2023

09 November 2023 (Thursday)

09:00 – 09:30	Registration and getting to know the participants
09:30 – 09:45	Explanation of the main objectives of the training
09:45 – 10:15	General introduction to drone technology
10:15 – 11:00	Detailed introduction to the drone model DJI Mavic 3 Thermal
11:00 – 11:30	Detailed explanation of the flight application
11:30 – 11:45	Drone activation, battery installation
11:45 – 12:00	A short break for refreshments
12:00 – 12:30	Drone flying demonstration by an instructor with accompanying explanation of all commands that can be given via radio controller
12:30 – 12:45	Proper management of batteries and how to store them safely
12:45 – 13:00	Demonstration of the procedure for preparing the drone before takeoff and inserting the battery
13:00 – 13:30	Repeating the drone preparation procedure by all participants
13:30 – 14:30	Lunch break
14:30 – 15:00	An explanation of how to find the ideal take-off/landing location and why it's important
15:00 – 15:15	Explaining the impact of weather on drone performance
15:15 – 15:30	Explanation of the environmental factor and the operator's limitations at the beginning or end of the operation

Project: „Early Fire Detection And Ranging for disaster prevention and management – eFIDAR“

Centre for development of the South-East planning region

15:30 – 15:45	Explanation of normal flight procedures and emergency procedures
15:45 – 16:15	Explanation of the procedure for announcing a drone flight on the Civil Aviation website
16:15 – 17:00	Review of recorded materials as well as presentation of video materials recorded by a drone during a fire

10 November 2023 (Friday)

09:00 – 09:30	An explanation of how to properly set up a thermal camera for several multiple scenarios
09:30 – 11:30	Presentation of a lecturer from Greece
11:30 – 11:45	A short break for refreshments
11:45 – 13:30	Flying the drone by the participants
13:30 – 14:30	Lunch break
14:30 – 17:00	Flying the drone by the participants