

The banner features a 3D topographic map of a mountain range with red lines indicating fire spread paths. At the top, the text 'FlamMap 6.2' is written in a cursive font. Below it, 'TRAINING COURSE' is in bold black letters. The main title 'Wildfire spread and behavior modelling with FlamMap: basics and applications in Med areas' is in green. The dates 'April 3, 10, 17, 24, 2024 (4:00 - 6:30 pm CET)' are in black. The bottom of the banner contains logos for UAS, RMRS, and Fire Sciences Lab, along with the address 'PO Box 9089 - 5775 W Hwy 10 - Missoula MT 59807'.

FlamMap 6.2

TRAINING COURSE

**Wildfire spread and behavior
modelling with FlamMap:
basics and applications in Med areas**

April 3, 10, 17, 24, 2024 (4:00 - 6:30 pm CET)

UAS RMRS **Fire Sciences Lab**
PO Box 9089 - 5775 W Hwy 10 - Missoula MT 59807

Organizing Institution: National Research Council - Institute of BioEconomy of Sassari (Italy) (CNR-IBE).

Lecturers: Liliana Del Giudice, Carla Scarpa, Michele Salis

Course Objectives: The objective of this 4-day online Course is to provide a basic training of FlamMap software. The participants will learn/train on the preparation of the input data required for running a FlamMap simulation and the analysis of the outputs.

Target Audiences for the Online Course: The Course is intended for 10-15 people interested in wildfire simulation modelling and working/studying in Institutions involved in FIRE-ADAPT. Priority will be given to Ph.D. students.

Preferred skills for participants: Knowledge of GIS software and English language is needed.

Programme of the Course

LESSON #1 (April 3, 2024) – Preparation of the spatial layers and creation of the Landscape file

LESSON #2 (April 10, 2024) – Preparation of FlamMap inputs

LESSON #3 (April 17, 2024) – FlamMap simulations: application of the Basic Mode and of the Minimum Travel Time

LESSON #4 (April 24, 2024) – FlamMap simulations: analysis of the outputs (linked with LESSON #3) and TOM

Software: The following software will be used during the Course:

- FlamMap 6.2: <https://www.firelab.org/project/flammap>
- ArcMap: minimum required version: ArcMap 10.3. (free 21 day trial: <https://www.esri.com/en-us/arcgis/products/arcgis-online/trial>);
- ArcFuels: <https://www.firelab.org/project/arcfuels>;
- Office Suite

How to Apply for the Course: To apply and present a candidature for the Course, people will need to fill an online application form at:

https://docs.google.com/forms/d/e/1FAIpQLScR1T6lcD1vX6MDfKrRwWktRNZPRBACMtYQeTJKQ9pTZ4uVpQ/viewform?usp=sf_link

The applications will be open from February 8 to February 29.