



Horizon 2020
European Union funding
for Research & Innovation

FIREURISK - DEVELOPING A HOLISTIC, RISK-WISE STRATEGY FOR EUROPEAN WILDFIRE

Grant Agreement Number: 101003890

Central Europe Pilot Site Demonstration Event 26th January 2024

Advancing fire risk assessment, reduction, and adaptation. Transboundary cascading effects and future scenarios

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09:00 - Welcome and event information

Matthias Forkel – Technische Universität Dresden, Germany

09:05 – Introduction to the FirEUrisk Project

Xavier Domingos Viegas – University of Coimbra, Portugal

09:15 – Scientific Overview of the FirEUrisk Project

Emilio Chuvieco – University of Alcalá, Spain

09:30 - Central Europe and Current and Future Fire Risk

Matthias Forkel – Technische Universität Dresden, Germany

09:45 - Curricula for Extreme Fires and Wildland Urban Interface

Sebastien Lahaye, SAFE Cluster, France

09:55 – Propagation Potential for Central European Pilot Site

Marin Bugaric, FESB University of Split, Croatia

10:10 - Wildfire Spread and Behaviour Outputs “Basic Mode”

Marin Bugaric, FESB University of Split, Croatia

10:25 – Suppression Difficulty Index Evaluation

Juan Ramón Molina Martínez, University of Córdoba

10:40 – TU Dresden Fuel Mapping and Fire Behaviour from National Park fire of 2022

Matthias Forkel – Technische Universität Dresden, Germany

10:45 – Short Break

11:10 – Human Ignition Probability

Pere Gelabert – University of Lleida, Spain

11:25 – Future Fire Regimes

Kirsten Thonicke, Potsdam Institute for Climate Change, Germany

11:50 – Forest Condition: Biotic Damages

Ángel Fernández Carrillo, GMV, Spain

12:05 - Mentimeter Survey and Questions

María Julia Yagüe Ballester, GMV, Spain

12:35 – Lunch Break

13:30 – Daily Fire Danger Index (DFDI)

Valerio Pampanoni, University of Rome

13:45 – Satellite-Derived Live Fuel Moisture Content

Valerio Pampanoni, University of Rome

14:00 – Fire Danger Metric

Victor Resco de Dios, University of Lleida, Spain

14:15 – Fire Weather and Fuel Moisture Field Campaign

Johanna Kranz, Technische Universität Dresden, Germany

14:30 – Questions

14:45 – Short Break

14:55 – Wildland Urban Interface

Avi Bar-Massada, University of Haifa, Israel

15:10 – Potential Losses of Ecosystem Services affected by wildfires

Juan Ramón Molina Martínez, University of Cordoba, Spain

15:25 – Factors for building Survivability

Frida Vermina Plathner, Research Institutes of Sweden

15:40 – Spring Grassland Fire Model

Johan Sjöström, Research Institutes of Sweden

15:55 – Mentimeter Survey and Questions

María Julia Yagüe Ballester, GMV, Spain

16:10 – Opportunity for further questions

16:25 – Wrap-up and End

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Information about the event or other questions please contact Christopher.Marrs@tu-dresden.de