EWED

Extreme Wildfire Events Data Hub
for Improved Decision Making

EWED Online Training Event for Scandinavian countries

11, 18 and 25 November 2025

Concept note

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.

Context

EWED - 'Extreme Wildfire Events Data Hub for Improved Decision Making' is a project funded by the European Union, through the Union Civil Protection Mechanism (UCPM) and under the Knowledge for Action in Prevention and Preparedness (KAPP) 2023 call. It aims to generate new knowledge and understanding on extreme fire behaviour, and to enhance the capacity to manage extreme events through a collaboration between fire services and academia. EWED achieves this by (1) developing the Wildfire Data Portal, an open online portal with data on fire behaviour and atmosphere characteristics collected during real wildfires, behaviour models and wildfire simulations created with these data, and (2) training emergency managers on using the portal to aid their decision-making during wildfires with extreme behaviour.

After two years of work by scientists and practitioners to improve our understanding of Extreme Wildfire Events (EWEs), the next step is to share this newly gained knowledge with the relevant practitioners that can make use of this in their operations. One region of interest of this is Northern-Europe, where EWEs are expected to become an increasing challenge. Hence, EWED will organise an online training event for the Scandinavian countries, consisting of three online sessions over the course of three weeks.

Main objective

Reach an understanding of relevant meteorological processes and their interaction with wildfires, which plays a key role in the occurrence of EWEs.

Specific objectives

- Understand what EWEs are and what risks they pose.
- Gain a common understanding of the meteorological processes behind EWEs.
- Become familiar with the Wildfire Data Portal and be able to make use of the information and tools that are available.

Participants

Suggested backgrounds of the participants are:

- Wildfire analysts and tactical advisors
- Forest engineers involved in wildfires operationally
- (Fire) meteorologists
- Incident commanders (ICs)
- Support teams of ICs that are involved in analysis
- Other (operational) personnel to whom knowledge about forecasting and managing EWEs is relevant

Format

The Online Training Event will consist of three online sessions of 1,5 hours over the course of three weeks.

Preliminary agenda

Online Training day 1 – 11 November		
14:00 – 15:30	Increasing risk of extreme wildfires	• Examples of EWEs and their operational risks, discussed by various countries
Online Training day 2 – 18 November		
14:00 – 15:30	Applied meteorology in extreme wildfires	• Meteorological processes behind EWEs on a fundamental level • Reading warning signs for the chance of EWEs
Online Training day 3 – 25 November		
14:00 – 15:30	Using the Wildfire Data Portal (WDP) and analysing the risk of EWEs	• Analysing extreme wildfires and their operational decision-making through the WDP • Assessing EWE potential through the operational tool on the WDP

Additional information

- Participation in EWED Online Training Event is free of charge.
- Participants can be from the following countries:
  - Denmark
  - Norway
  - Sweden
  - Finland
- Resources required: laptop or tablet with MS Teams. Further details on how to join the online sessions will be provided in due course.

Registration

Please register by completing this form. Registration closes on **26 October 2025.**

Contact

For questions or more information about the registration or the Online Training Event, please contact: **Brian Verhoeven,** wildfire researcher and coordinating Dutch fire analyst, Netherlands Institute for Public Safety: brian.verhoeven@nipv.nl

More information on EWED

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