

OVERWATCH at the ESA Living Planet Symposium 2025 in Vienna - presentations PDF LINKS

Thanks to our partners at Fondazione LINKS, we are pleased to share the presentations showcased for the OVERWATCH project at the European Space Agency (ESA) Living Planet Symposium 2025 in Vienna.

PDF LINKS:

1 - A Novel Two-Stage Approach for Buildings and Roads Damage Assessment in Remote Sensing Imagery - A combined methodology for rapid infrastructure damage evaluation, merging delineation and change detection in one model.

https://overwatchproject.eu/pdfviewer/?LPS25_damage.pdf

2 - Wildfires Meet Multitask Learning: Enhancing BurnedArea Delineation With Land Cover Classification - Making burn scar detection more precise across different geographical landscapes.

https://overwatchproject.eu/pdfviewer/?LPS25_burned_areas.pdf

3 - A Multi-source Approach for Enhanced Flood Delineation Using Harmonised Satellite Data - Enhanced flood monitoring capabilities through satellite data fusion, merging Sentinel-1 and Sentinel-2 information when available.

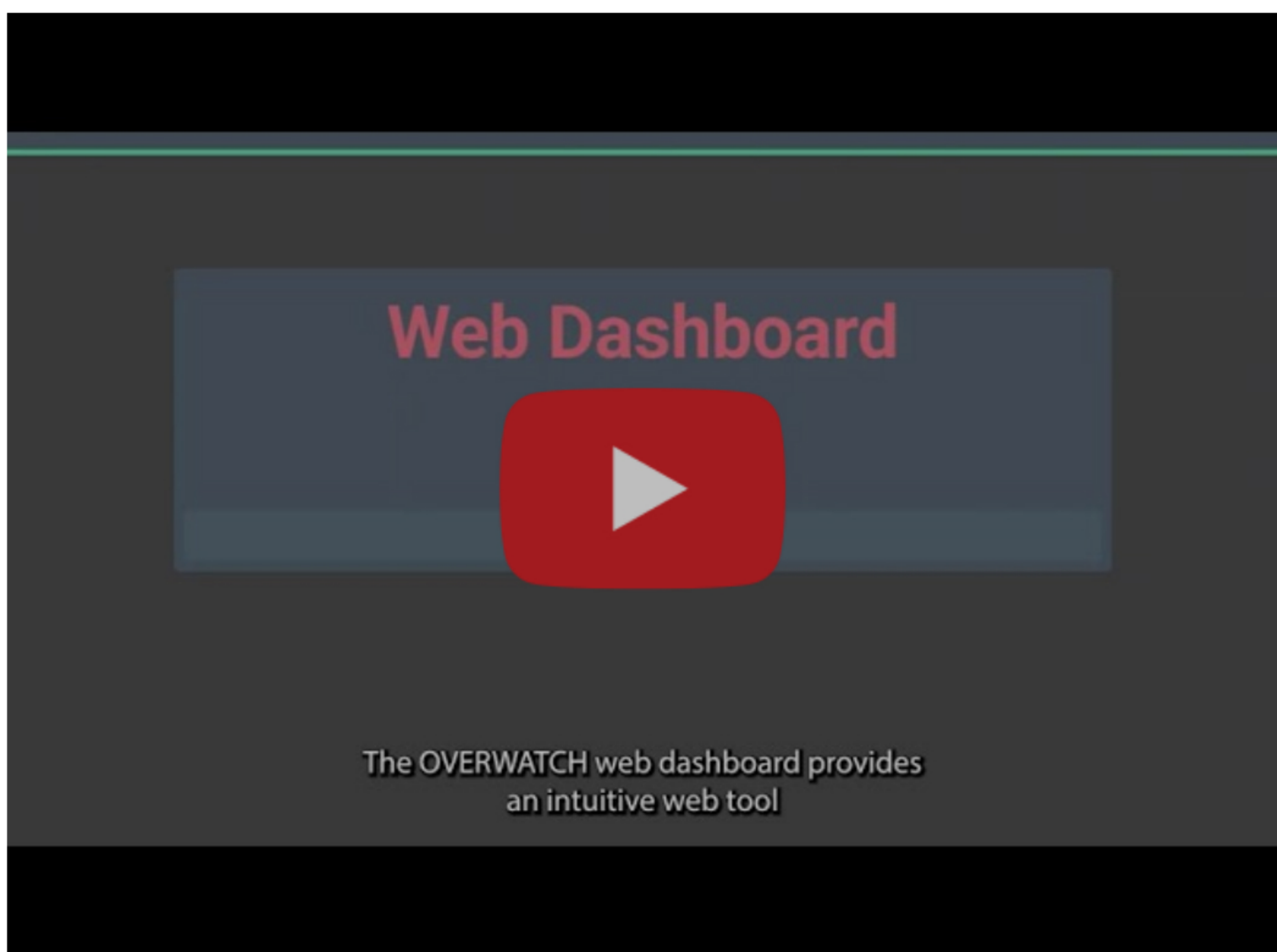
https://overwatchproject.eu/pdfviewer/?LPS25_flood.pdf

These contributions highlight the strategic role of satellite data, AI, and collaborative EU-funded research in strengthening crisis management and building climate resilience across Europe.

OVERWATCH - Web Dashboard Overview - VIDEO

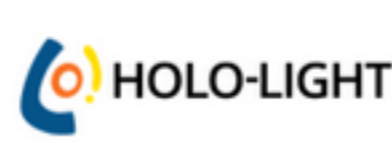
The OVERWATCH Web Dashboard provides an intuitive web tool for emergency management personnel to establish and maintain situation awareness during crisis events.

From earth observation to emergency response, OVERWATCH is helping bridge the gap between **data and action** in disaster scenarios.



The Team

OVERWATCH consortium is composed of 10 partners across 5 different countries: Poland, Germany, Italy, Portugal and Denmark.



Meet the partners