AGU FALL MEETING
Online Everywhere | 1–17 December 2020

FloodHub; An Integrated Near-Real-Time Flood Monitoring System in support of the decision makers based on Modeling, Multi-source EO and Crowdsourced data

BEYOND Centre of EO Research & Satellite Remote Sensing
EuroGEO Disaster Resilience Action Group
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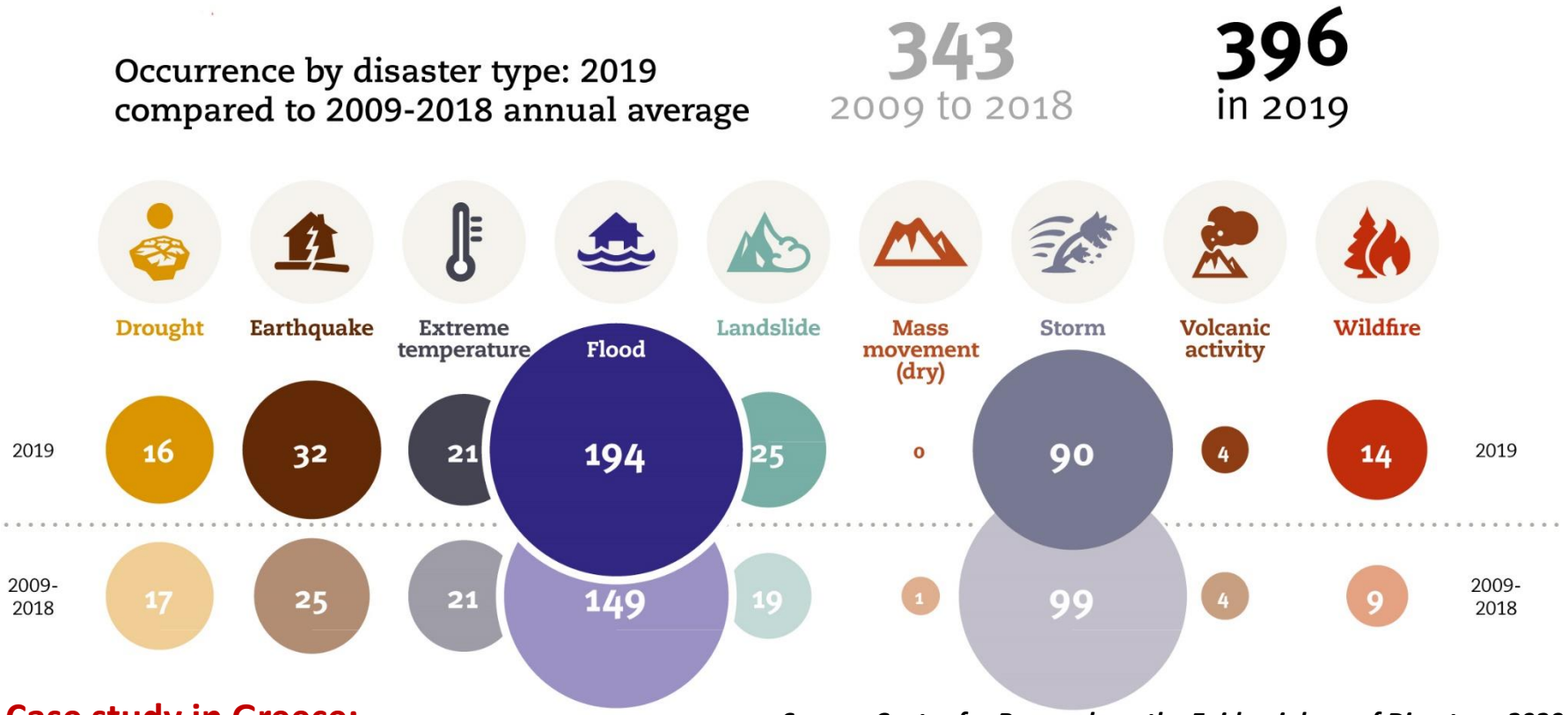
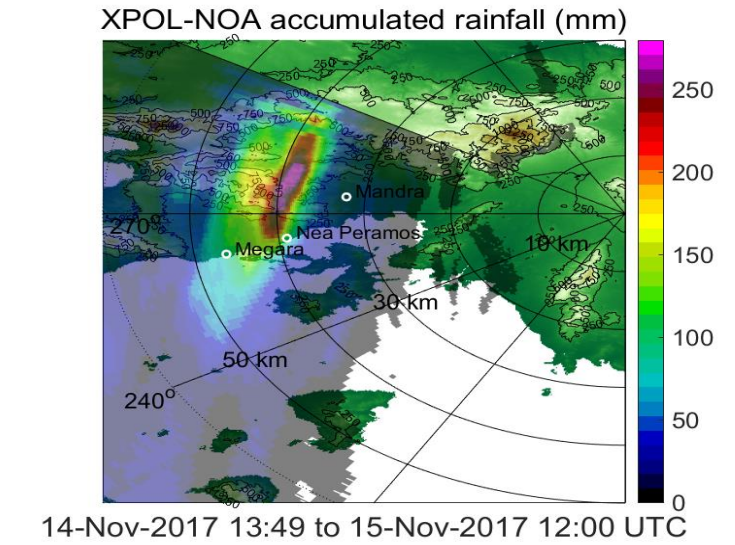
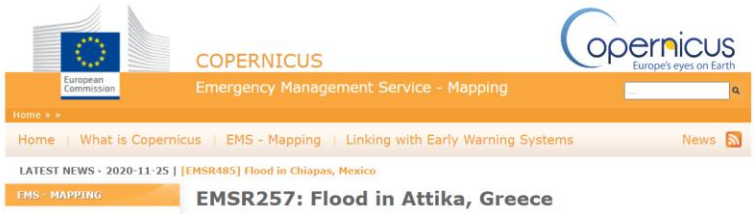
FloodHUB

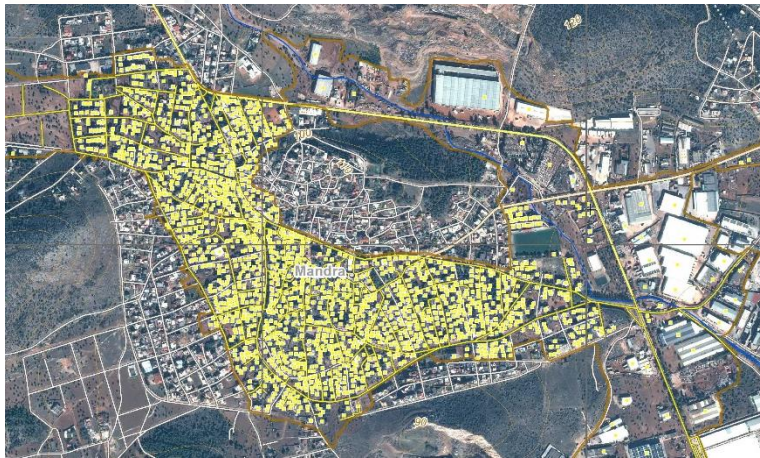
Floods: the deadliest type of disaster 43.5% of deaths in 2019 (CRED 2020)



Source: Centre for Research on the Epidemiology of Disasters, 2020







Case study in Greece: Mandra flood 2017: 24 fatalities

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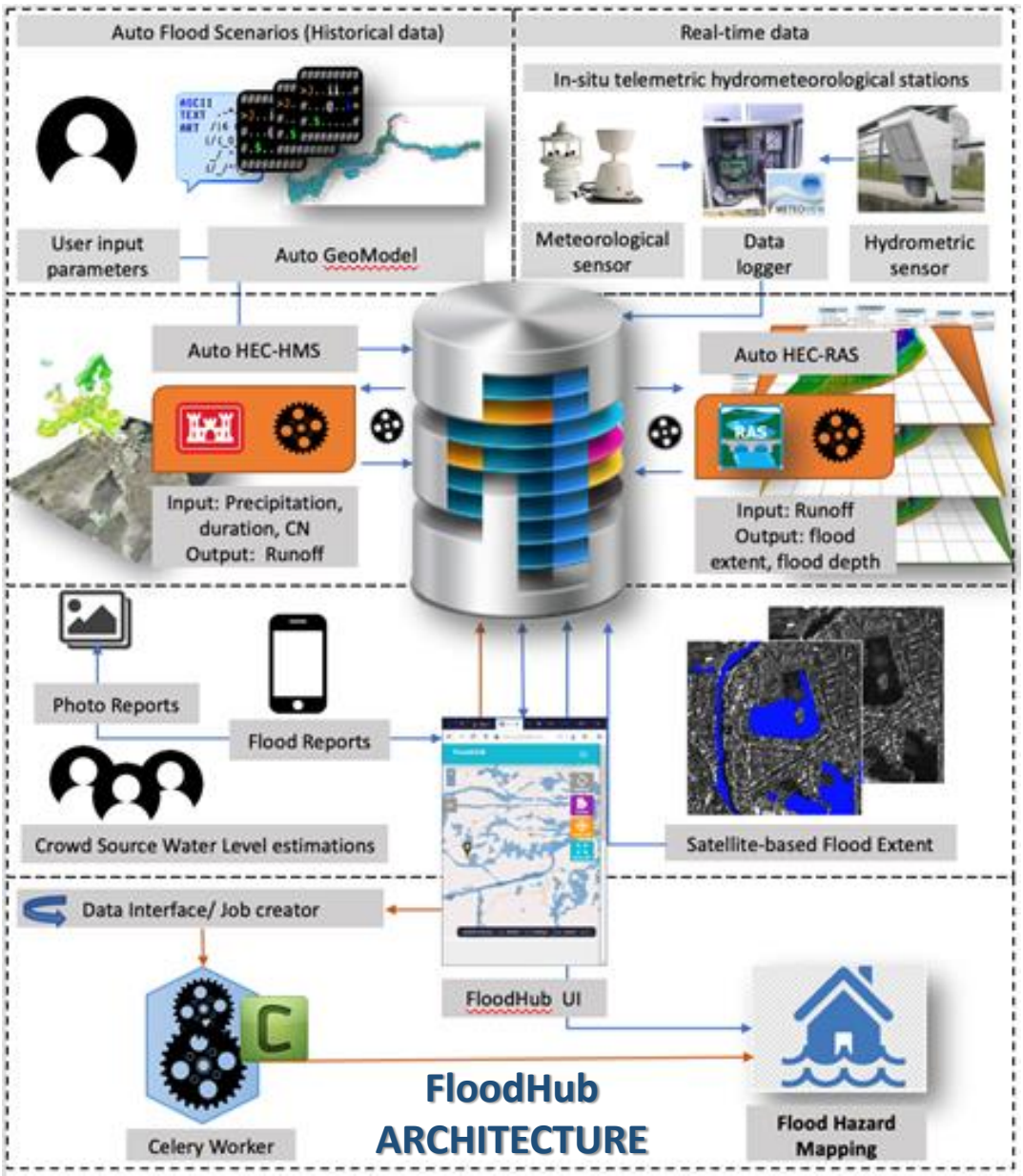

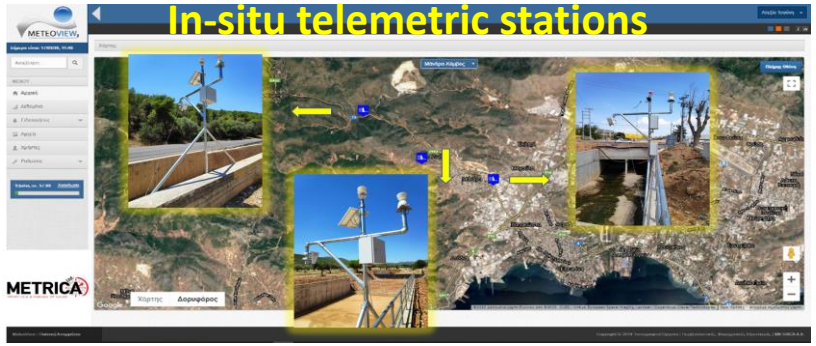

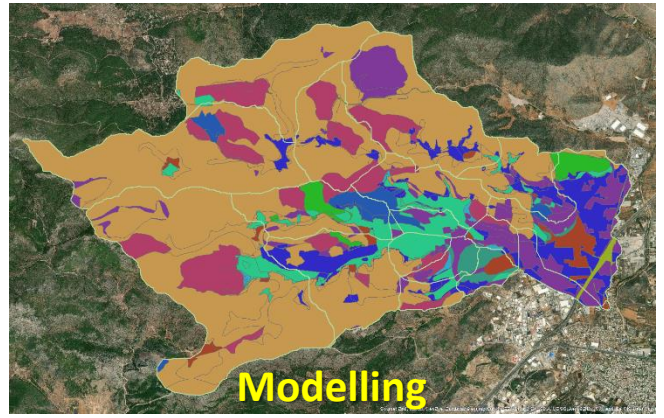

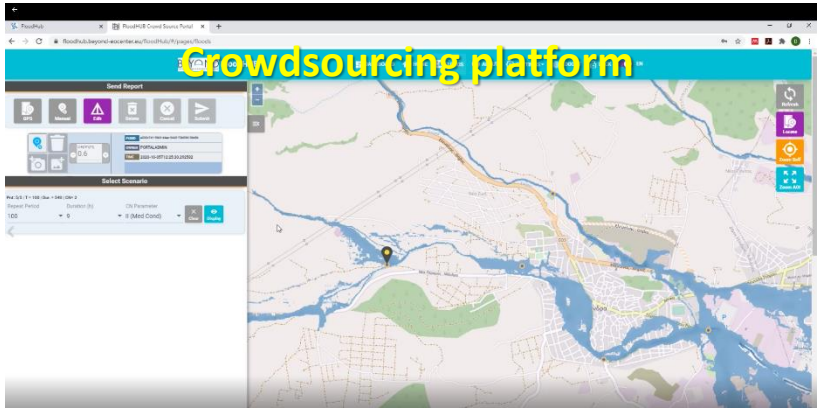

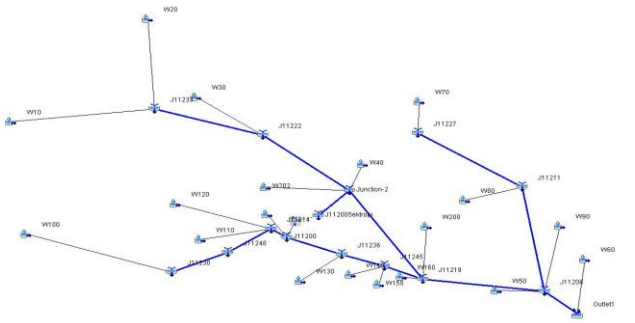

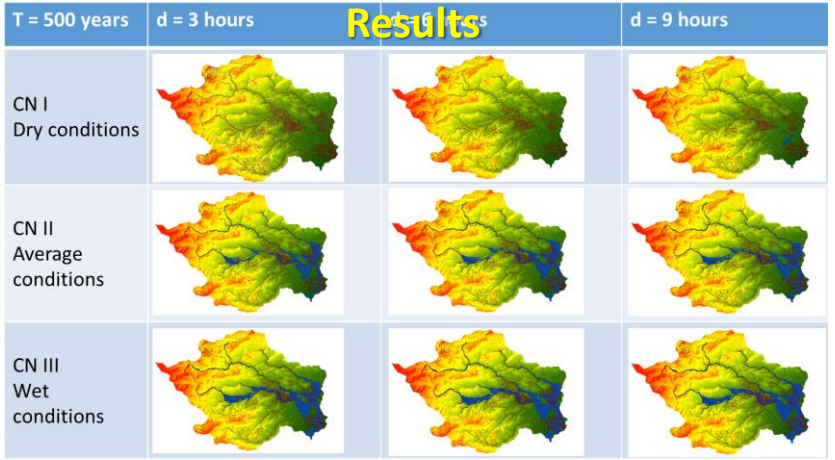

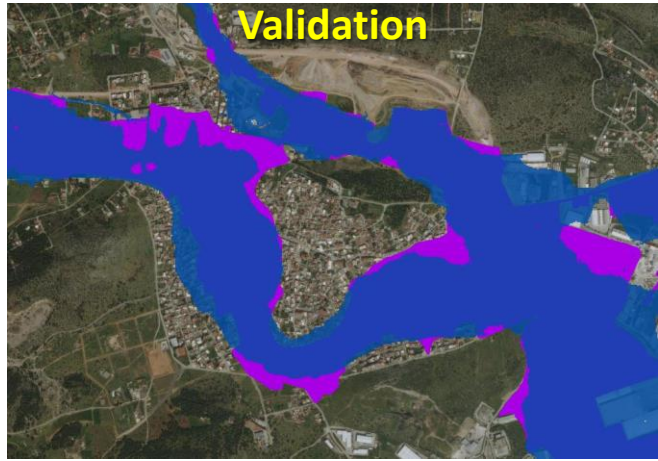

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Support all the relevant authorities and key stakeholders in their decision-making and the implementation of:

- ✓ **EU Floods Directive 2007/60/EC "on the assessment and management of flood risks"**
- ✓ **Sendai Framework for Disaster Risk Reduction**
- ✓ **UN SDGs:**

- ✓ **GEO's Societal Benefit Areas:**
  - Disaster Resilience
  - Sustainable Urban Development
  - Water Resources Management
  - Public Health Surveillance
  - Food Security and Sustainable Agriculture
  - Infrastructure and Transportation Management

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Thank you for your attention!

http://beyond-eocenter.eu

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