Artificial Intelligence (AI) unlocks untapped potential in the field of Earth Observation (EO), managing large datasets, discovering insights, and creating new products/services.

Integrating AI into ERATOSTHENES Centre of Excellence EO capabilities is a valuable enhancement in the Disaster Risk Reduction (DRR) thematic area, mitigating the impact of environmental hazards more effectively.

This project has received funding from the European Union's Horizon Europe Framework Programme HORIZON-WIDERA-2021-ACCESS-03 (Twinning) under the Grant Agreement No 101079468

Consortium:

- ERATOSTHENES CoE, Cyprus
- German Research Centre for Artificial Intelligence (DFKI), Germany
- University of Rome Tor Vergata (UNITOV), Italy
- CELLOCK Ltd (CLK), Cyprus

AI-OBSERVER

Funded by the European Union

AI-OBSERVER enhances ERATOSTHENES CoE's excellence, innovation, and research management and administrative capabilities through the following targeted capacity-building activities:

- Webinars
- Hands-on workshops
- Short staff exchange
- Summer schools
- Expert visits

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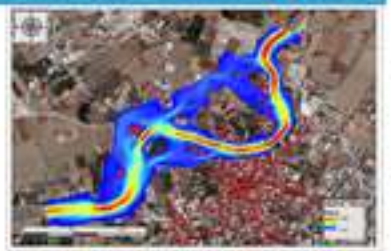
Environmental Hazards



AI-OBSERVER targets to raise ERATOSTHENES CoE excellence on Artificial Intelligence (AI) for Earth Observation (EO) on Environmental Hazards, such as:

- Land movements (Earthquakes, Landslides, Soil Erosion)
- Fire Hazards (Forest, Property Fires)
- Extreme Meteorological Events (Floods, Heat/Cold Waves etc.)
- Marine Pollution (Oil Spills, Illegal Waste)

Upgrade and Modernisation

The AI-OBSERVER Project aims in Upgrading and Modernising the existing ERATOSTHENES CoE department of Resilient Society, as well as research management and administration departments

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Scientific Excellence and Innovation Capacity through Artificial Intelligence in the field of Earth Observation on Environmental Hazards

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