CLINT

CLIMATE INTELLIGENCE

Extreme events detection, attribution and adaptation design using machine learning

CLIMATE INTELLIGENCE will design new Machine Learning algorithms and tools to process big climatological data sets across different spatiotemporal scales.

AI enhanced **CLIMATE SCIENCE** will advance detection, causation, and attribution of tropical cyclones , heatwaves and warm nights , droughts along with compound events and concurrent extremes.

AI enhanced **CLIMATE SERVICES** will be developed at the EU continental scale across the water, energy, and food nexus and in selected climate change hotspots (arid , snow , delta).

CLIMATE SERVICES INFORMATION SYSTEMS will be deployed as web processing services based on most advanced open software and data standards, and AI-enhanced Climate Service products including a Demonstrator will be set up to be commercially exploited after the project.