

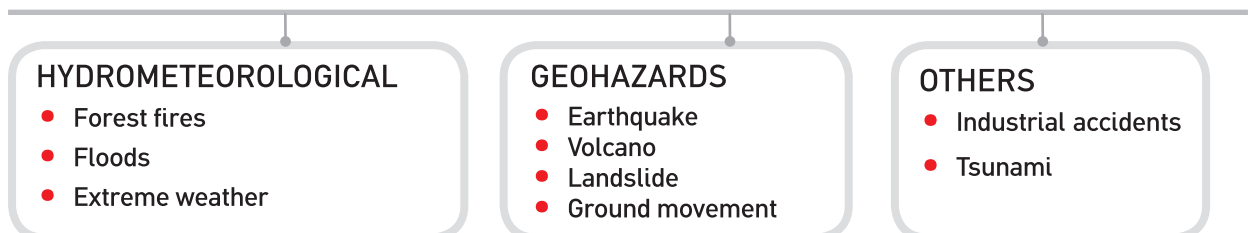


Hellenic Natural Hazards Risk Management System of Systems

Natural and man-made disasters such as forest fires, floods, earthquakes and industrial accidents are threatening citizens and businesses daily lives and operations. Building **resilience** and **securing infrastructures** for Natural Disasters is critical to the well being of the National societies and economies.

Risk Assessment and Mapping can increase preparedness at **national** and **European** level. It can enhance resilience to crises due to **natural** or **man-made disasters** as part of an integrated strategy towards risk mitigation and management.

The **Greco-Risks Web GIS Platform** integrates **9 Risk Modules** for the following hazards:



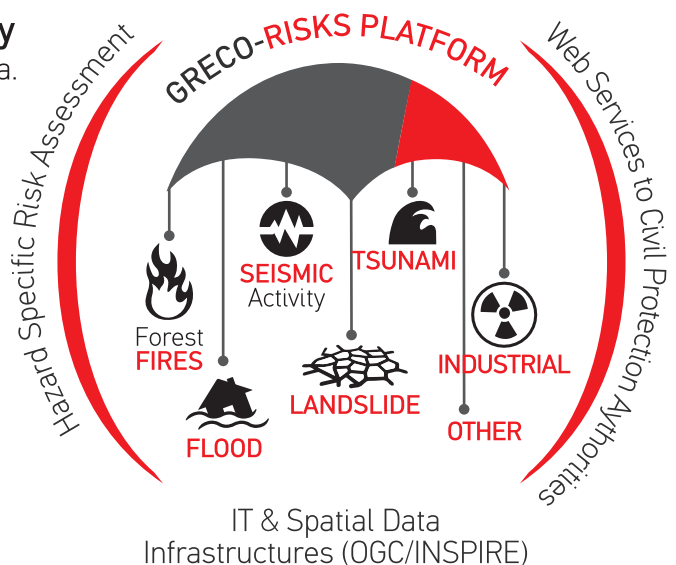
Greco-Risks acts as an **IT umbrella** for the abovementioned Risk Modules offering a useful tool for Risk Analysis via a **user-friendly interface** incorporating INSPIRE compliant data.

Modules use as input:

- past observations and descriptive references
- physical terrain data
- meteorological data
- administrative data
- socioeconomic data
- environmental data
- other raw & processed GIS hazard specific data

and deliver **Hazard & Risk Maps** including:

- exposure zones
- hazard magnitude
- vulnerability elements
- expected impacts





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Greco-Risks is a **Multi-Risk GIS Platform** offering **state of the art** Risk Analysis and Mapping services **tailored** to customer needs such as:

- Civil Protection Authorities to increase their prevention/preparedness capacity
- Insurance Industry for managing their portfolio risks

The end-user is able to:

- **highlight** areas or elements prone to particular Risks
- obtain **information** about the risks within the greek territory
- simulate **scenarios** for a single or more hazards
- create **maps** with multiple thematic layers
- support the **analysis** of complex problems such as: given a hazard scenario what could be the impact and at what cost vs recovery?



www.GrecoRisks.com



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