

How resilient is European critical infrastructure to natural hazards?

The INFRARISK expert group presents a tool that will enable infrastructure managers to minimise the impact of natural disasters

Different organizations including universities, research institutions, SME's and Large Enterprise of Ireland, Spain, Norway, Netherlands, United Kingdom, Sweden and Switzerland have worked for 3 years in this European project

INFRARISK PROJECT – Final Dissemination Conference

Date: September 29th. (9:30 – 16:30 h.)

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The INFRARISK European project has developed

- Improved and more reliable STRESS TESTS of Critical European Infrastructures and
- A tool to support decision making and prioritisation in the field of mitigation and support to preparedness

that will analyse the risks for European transport infrastructure and its cascading consequences to the effects of natural disasters.

Although these events are not so frequent in Europe, in the last decade earthquakes or floods caused the death of 80,000 people and produced economic losses of 95 billion euros.

On September 29, a conference will be held in Madrid where representatives of the 11 participating European organizations will present the INFRARISK Decision Support Tool - IDST, the tool that provides computational support to the risk assessment process of the effects of natural hazards on critical infrastructures. The aim is to optimize stress tests for existing infrastructures and to take them into account in future development of European transport networks.

About INFRARISK

INFRARISK project consortium includes several groups of experts in risk identification and analysis, infrastructure management, engineering and operations analysis. The consortium consists of 11 organizations: Roughan & O'Donovan (Ireland), Eidgenössische Technische Hochschule Zürich (Switzerland), Dragados (Spain), Gavin Doherty Geosolutions Limited (Ireland), National Research Council, CSIC (Spain), Probabilistic Consult Solutions and Training (Netherlands), University College London (UK), Stiftelsen (Norway), Ritchey Consulting AB (Sweden) and the University of Southampton (UK).