

ResCult – Increasing Resilience of Cultural heritage: a supporting decision tool for the safeguarding of cultural assets



The European challenge:

The objective of Union Civil Protection Mechanism is to select projects which support and complement the efforts of participating states and eligible third countries in prevention and preparedness in civil protection on areas where a common European approach is more appropriate. The program should protect primarily people, but also the environment and property, including cultural heritage, from all kinds of natural and man-made disasters, including the consequences of acts of terrorism, technological, radiological or environmental disasters, marine pollution and acute health emergencies, occurring inside or outside the Union.

The Project

The project aims at enhancing the capability of Civil Protection to prevent/mitigate disasters impacts on Cultural Heritage through the realization of an Integrated European Interoperable Database designed to provide a unique framework for Civil Protection, national Ministries, the European Union and local authorities as supporting decision tool to understand the risk of damage to Cultural Heritage as well as its impact on cohesion sustainable cultural tourism and engagement with local communities in protecting environment. The database will design and prototype an European Heritage Map, a sort of 'cadaster' of happened disasters with evaluations about affected items, a platform for monitoring and modelling risk scenarios in specific disasters, an advice seeking interface, a platform for acquiring crowd-data, a 3D models to help finding/recognizing dispersed artworks and support restoration post-emergency and preserve digital memory in case of destruction, a knowledge base useful for training, education and research about Cultural Heritage and disaster reduction.

Partners:

Siti - Istituto Superiore sui Sistemi Territoriali (Coordinator); **Politecnico di Torino** (DIATI-DAD-DIST); **United Nations Office** for Disaster Risk Reduction; **Technische Universität Berlin**; **Consorzio** per il Coordinamento delle Ricerche inerenti al Sistema Lagunare di **Venezia**; **Service Departemental d'Incendie et de Secours des Alpes de Haute Provence**.



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Join us on project website! (*under construction*)