# Risks, Decision and Territories

# French research program on resilience

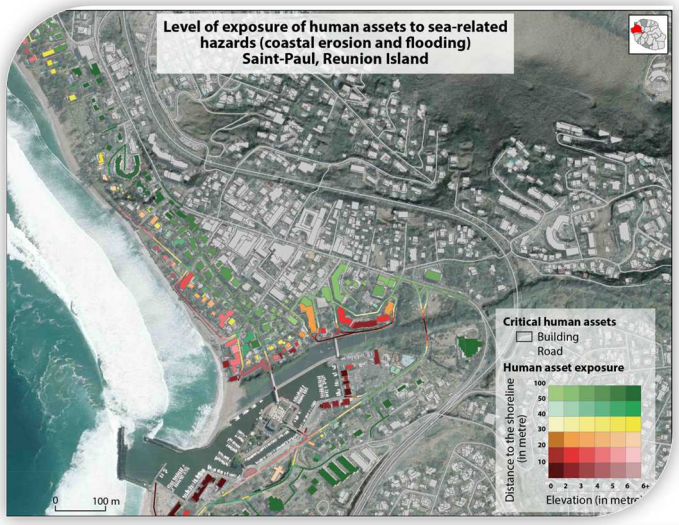
UN World Conference on Disaster Risk Reduction
14-18 March 2015, Sendai, Japan

Poster 2/2 presentation of two RDT projects

## ResTO TerRIN : Contribution to the systemic modeling of Technical and organizational resilience of a territory to natech risk From microscopic to macroscopic

The main goal of the research project ResTO TerRIN is to produce relevant knowledge and effective methods and tools to improve the resilience of a territory against Natech accidents (chemical accidents triggered by natural hazards) especially those due to flood / tsunami. In more details, the objectives of this project are:

- to better understand the physical and organizational vulnerability of industry exposed to flood / tsunami ;
- to identify gaps in industrial risk management and emergency response practices both by industry and government authorities ;
- to make recommendations on prevention measures and appropriate safeguards for improved Natech risk management to ensure that plant owners/ operators as well as emergency organizations are able to cope with Natech events.

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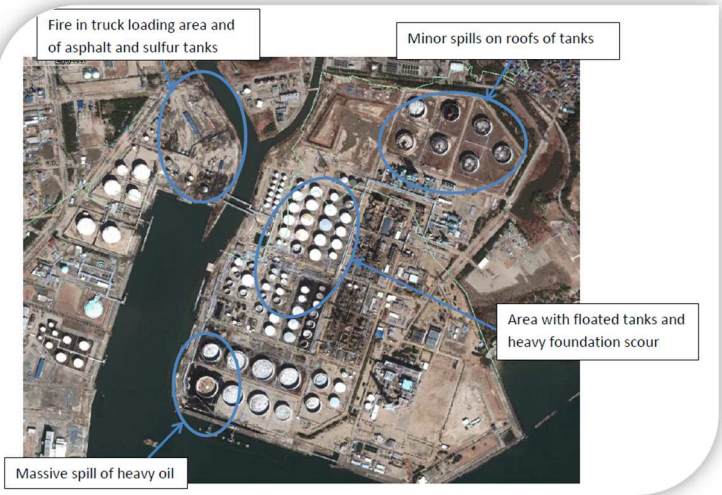


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## RÉOMERS : Resilience of French overseas territories to coastal risks in the context of global change

The Réomers project aims to support the reduction of climate-related risks (namely, coastal erosion and marine inundation) and adaptation to climate change in French overseas territories through a better understanding of the drivers and processes controlling both vulnerability and resilience. This project is based on a holistic, dynamic and place-specific approach implemented through three main axes :

- the analysis of the impacts of a series of recent extreme events, including the assessment of benefits and shortfalls of stakeholder responses ;
- the identification of the drivers and processes enabling resilience, based on the reconstruction of the trajectories of vulnerability of territories over the past 70 years ;
- The development of a multi-scenario prospective approach taking into account on-going trends, national and local disaster risk reduction and adaptation to climate change policies and strategies.

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