



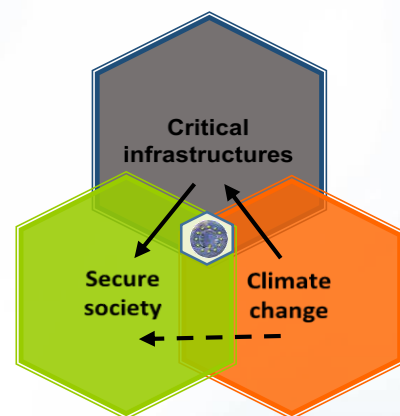
EU-CIRCLE

A pan-European framework for strengthening
Critical Infrastructure resilience to climate change

JUNE
2018

Bulletin 6

Case studies



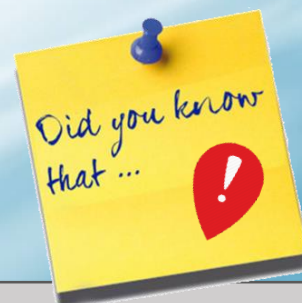
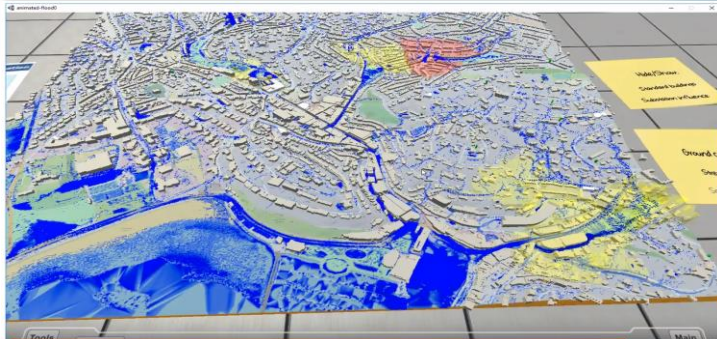
Case Study 1 – Wildfire in South-East of France (Dec 2017)

A workshop was organised in PACA region, on Dec 2017, by CEREN and Artelia, focusing to stimulate discussions with the relevant CI operators in relation to the case study, which aims to analyse the impacts of climate change, through extreme dryness with wildfires igniting simultaneously in the summer 2040 in the South East of France, on the electricity network and the road transportation system (highway network).



Case Study 3 - Torbay Coastal Flooding (Mar 2018)

The 3rd Case Study was conducted in Torbay, a coastal touristic community in the south-west of UK, on March 2018 and it was organized by Torbay Council. The scenario refers to coastal flooding under the present and future climate change scenarios and its impact to residential and commercial properties and CIs of both energy and transportation sectors.



Case Study 4 - International (Apr 2018)

CS4 was conducted in Khulna, in the south-west of Bangladesh, organized by the University of Huddersfield in collaboration with Khulna University of Engineering and Technology. It focused on cyclones and storm surges affecting local CIs of communication, water and sewage, energy and transportation sectors, and commercial & residential buildings.

Two more Case Studies will be conducted in the framework of EU-CIRCLE:

- CS5 – in Dresden, focusing on flooding of river Elbe, affecting networks such as that of roads and assets such of electrical substations and sewage pumps
- CS2b – in Cyprus, focusing on Mediterranean tropical-like cyclones, affecting CIs of the Energy sector (Power, Oil, Gas, Chemical, etc.)





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