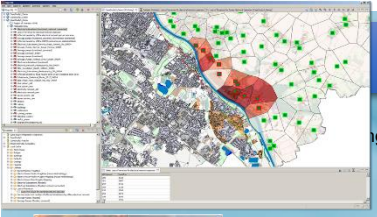
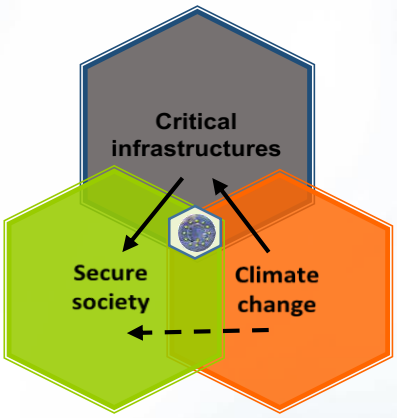


g from the European Union's Horizon 2020 research and innovation programme under grant agreement No 653824

EU-CIRCLE

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



DECEMBER 2017

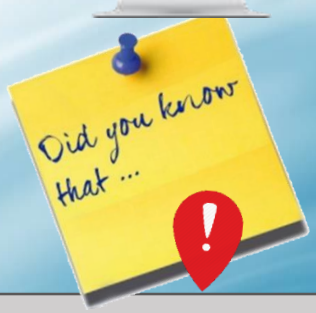
Bulletin 5

Climate Infrastructure Resilience Platform (CIRP)

- End-to end modelling environment
- User-friendly interface
- Pluggable & expandable
- Modular & extensible
- Web-based
- Integrated GIS capabilities
- Multi-users (collaborative platform)

Some of EU-CIRCLE Academic Publications…

- Enhancing the resilience of interconnected critical infrastructures to climate hazards (15th International Conference on Environmental Science and Technology, Rhodes, Greece, 31 August to 2 September 2017)
- Energy critical infrastructures at risk from climate change: A state of the art review. (Safety Science, 2017)
- Demonstrable EU-CIRCLE scenarios in SimICI based on the interconnected European Critical Infrastructure of a virtual city (SafeAthens 2017, 28-30 June 2017 Athens Greece)
- Stakeholders' engagement in assessing the impacts of future wildfires on interconnected critical infrastructures in Cyprus (SafeAthens 2017, 28-30 June 2017 Athens Greece)



Open Invitation

The EU-CIRCLE project invites researchers and stakeholders in the scientific domains of critical infrastructures, climate change and resilience to become involved through any of the following means:

- Providing tools for various phases of the analyses
- Providing climate data
- Proposing new algorithm schemes and models
- Validating existing results
- Participating in the final demonstration of the EU-CIRCLE framework

The wildfires of June 2017 in Portugal proved that the exacerbation of natural disasters due to climate change may be significant in terms of human lives and disruption of essential services. Protection of those terms, through long term planning of fire prevention, requires the identification of potential future climate threat scenarios for addressing relative extreme situations, in which EU-CIRCLE can significantly contribute…

EU-CIRCLE

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

Project Partners

Fraunhofer

D'APPOLONIA
consulting, design, operation & maintenance engineering

REPUBLIQUE FRANCAISE
VALABRE
CENTRE D'ESSAIS ET DE RECHERCHE

GDYNIA MARITIME UNIVERSITY · POLAND · 1920

ARTELIA

Norwegian Meteorological Institute

KEMEA

aditess
Advanced Integrated Technology Solutions & Services

MRK MANAGEMENT CONSULTANTS

XUVASI
ENGAGING EXPERIENCE

UNIVERSITY OF EXETER

TORBAY COUNCIL

DHMZ

University of Salford MANCHESTER

duzs
DRŽAVNA UPRAVA ZA ZAŠTITU I SPAŠAVANJE

VELEUČILIŠTE VELIKA GORICA
UNIVERSITY of APPLIED SCIENCES VELIKA GORICA

European University Cyprus

satways

www.eu-circle.eu

facebook

twitter

linkedin

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 653824