DAMOCLES

UNDERSTANDING AND MODELING COMPOUND CLIMATE AND WEATHER EVENTS

European COST Action CA17109

CASE STUDY

Interreg Baltic Sea Region project
NOAH – Protecting Baltic Sea from untreated wastewater spillages during flood events in urban areas

---

Case study aim and description

Increasing the efficiency of water management to reduce discharges of hazardous substances to the Baltic Sea, mainly caused by intense rainfalls and floods connected to climate change. Aiming at enhanced capacity of public and private actors dealing with water quality issues, concentrating on urban stormwater systems and spatial planning.

Compound event types

Holistic urban planning is achieved by coupling computer-based drainage modelling with traditional city planning techniques. Real-time control is used to control excessive stormwater to avoid overflow. Pilot investments will be made for tangible results

Stakeholders

- Public authorities
- Urban planners
- Water utilities
- General public

Method of collaboration

Stakeholders will actively participate In events and workshops aimed both at professionals and general public in each partner country during the project. Stakeholder engagement will further be achieved through the use of social media (Twitter, Facebook, Instagram, YouTube)

Case study timeline

January 2019 - June 2021

Contacts

Project coordinator: Ivar Annus, Tallinn University of Technology

Project communication manager: Minna Keinänen-Toivola, Satakunta University of Applied Sciences

References & resources

Project website: https://sub.samk.fi/projects/noah/

cost EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY

COST is supported by the EU Framework Programme Horizon 2020