



SPLASH

Swedish Pluvial Modelling Analysis and Safety Handling

This project entails evolved collaboration between research- and insurance business sectors on issues of damage and cost emerging from heavy rainfall, ultimately needed for effective prevention.

Together we seek to develop new methods and types of data that improve the possibility to value risk in Swedish municipalities. The project also has a wider aim to develop methodology on disaster modelling in Sweden, using experiences of leading international actors.

SPLASH has three overarching goals:

- to develop disaster modelling methodology, including description of rainfall hazard, exposure and potential damage.
- to develop a safe/secure method to manage insurance data on flood damages, for better understanding of the relationship between precipitation and damage.
- to establish an arena for collaboration between academia, insurance business and rescue services to reduce long-term disaster risk in Sweden.

The project use Jönköping municipality as study area to conduct analyses of occurred events and future risks.

SPLASH is led by the Centre for Climate and Safety at Karlstad University, in close collaboration with four private companies: Swedish Fire Protection Association – Saved Value subsidiary, JLT Re Northern Europe, Länsförsäkringar Jönköping and Länsförsäkringar Alliance.

This project is supported by Jönköping municipality and the global disaster modelling initiative Oasis Loss Modelling Framework.

Project timeframe: 2018 - 2019

Funding: Swedish knowledge foundation (Stiftelsen för kunskaps- och kompetensutveckling, KK-stiftelsen). Project parties contribute the corresponding value in form of project time.

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