



Adaptation Possibilities and Evaluation

Swedish Geotechnical Institute (SGI)



Main Idea

The aim is to identify potential solutions for flood risk management and to test method to evaluate their sustainability.

Approach

- » Compile available information on adaptation measures (pros, cons and geotechnical aspects)
- » Test and apply matrix based decision support tool (MDST), developed in the sister project (Interreg IVB) Climate Proof Areas (CPA) on potential adaptation measures in flood risk areas.
 - › Desk top (Lidköping, Sweden)
 - › Meeting with stakeholder groups (Lidköping, Sweden and Melhus, Norway) to go through the process of the (MDST)
 - › Exam work by student of Mariele Evers, University Leuphana, in Germany.

Link to further information:

www.swedgeo.se/upload/publikationer/Varia/pdf/SGI-V613.pdf
www.swedgeo.se/upload/publikationer/Varia/pdf/SGI-V619.pdf (available Jan. 2012)

Results

- » Report on compilation of information on adaptation measures (pros, cons and geotechnical aspects) (SGI Vara 618 in Swedish, SGI Vara 619 in English)
- » Tested, and a basis for upgrading/updating, MDST.

Contribution to SAWA

- » Report on compilation of information on adaptation measures (pros, cons and geotechnical aspects)
- » Decision support tool to be applied and tested at pilots and other case studies within SAWA.



Foto: Water Sensitive Urban Design, www.wsud.org, 2011-01-19

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Matrix Decision Support Tool for Evaluation of Environmental, Social and Economic Aspects of Land Use

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LINKÖPING 2011



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