

Kennis voor Klimaat Knowledge for Climate



Theme 8, WP4.1 Visualising complex climate information for spatial adaptation planning

Towards a guiding information visualisation framework

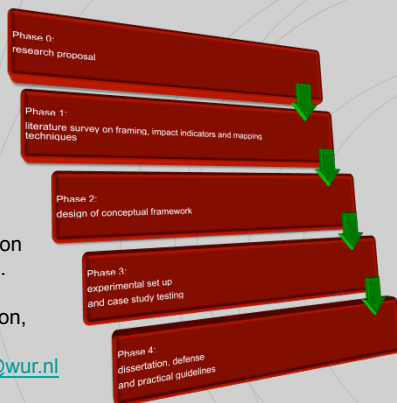
Research topic

This research investigates how visualisations can contribute to information supply for the design phase of the adaptation planning process. The main research question reads:

How can we improve visualisations in order to make given spatial information on climate change impacts more relevant for policy makers in the design phase of the adaptation planning process?

To address the research question a theoretical Framework will be developed which links visualisation techniques to information needs in specific adaptation planning situations.

For more information,
Please contact
monique.degroot@wur.nl
+31615093158



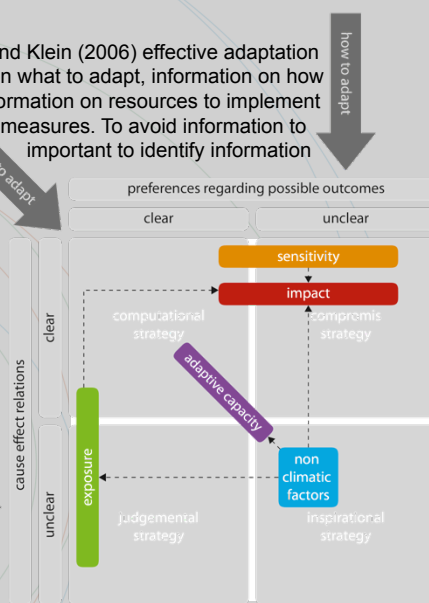
Information Visualisation Framework

As stated by Fussler and Klein (2006) effective adaptation requires information on what to adapt, information on how to adapt and information on resources to implement the adaptation measures. To avoid information to be ignored it is important to identify information needs.

Framing perception can play an important role to identify the information needs of the end user.

We adapted the frame-based guide to situated decision making on climate change of the Boer et al (2011) with

information indicators and visualisation techniques.



Urban heat map

The urban heat map is an example of a visualisation technique on exposure information, helpful to fulfill information needs for a judgmental strategy.



Climate adaptation guiding models

Climate adaptation guiding models are an example of a visualisation technique to reveal information on adaptive capacity by non climatic factors, satisfying for an inspirational strategy.

