

How to obtain information on the effectiveness of potential flood risk management measures in only a few minutes?

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Introduction

In many countries, this seems 'normal' or 'logical'





In the past also in NL







Problem:

Spatial planners and project developers often have little knowledge on measures that might be effective in a certain area

<u>Aim:</u>

To develop a set of maps indicating the (cost-)effectiveness of different types of Flood Risk Management measures























Building on a mound (2m)

Will this measure become more attractive in the future? (increased flooding due to climate change and sea level rise?)



If we would decide not to increase the protection standards: yes

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- We developed a series of maps indicating the effectiveness of different flood risk management measures
 - from a hydraulic point of view (is the measure suitable given expected water depths, flow velocities and flood duration?)
 - and an economic point of view (will investments be earned back?)
- Maps can be compared with Flood Risk zonation maps (building elsewhere)
 - but also give perspective for action
 - this may help spatial planners and project developers
- And.... looking at the map only takes a few minutes!