

CoDeS

Welcome to CoDeS!

Coastal Design and Support tools (CoDeS tools) are a set of integrated and interactive tools, aimed to support engineers when designing coastal engineering solutions and with their communication towards clients and stakeholders. CoDeS tools integrate relatively simple engineering tools that provide quick insights for a range of different disciplines. This helps to arrive at promising solutions during early design stages. An easy to use Graphical User Interface (GUI) makes them accessible for a range of users (e.g. engineers, managers, reviewers), providing opportunities for interactive design sessions. CoDeS tools are under continuous development through a Joint Industry Project between [Deltares](#), [Witteveen+Bos](#) and [Royal HaskoningDHV](#).



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This wiki-page provides a [background of CoDeS](#), the [User Manual](#), a [disclaimer](#) and the [acknowledgements](#). An overview of the total contents can be found below.

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An overview of the contents of this wiki-page is provided below:

CoDeS

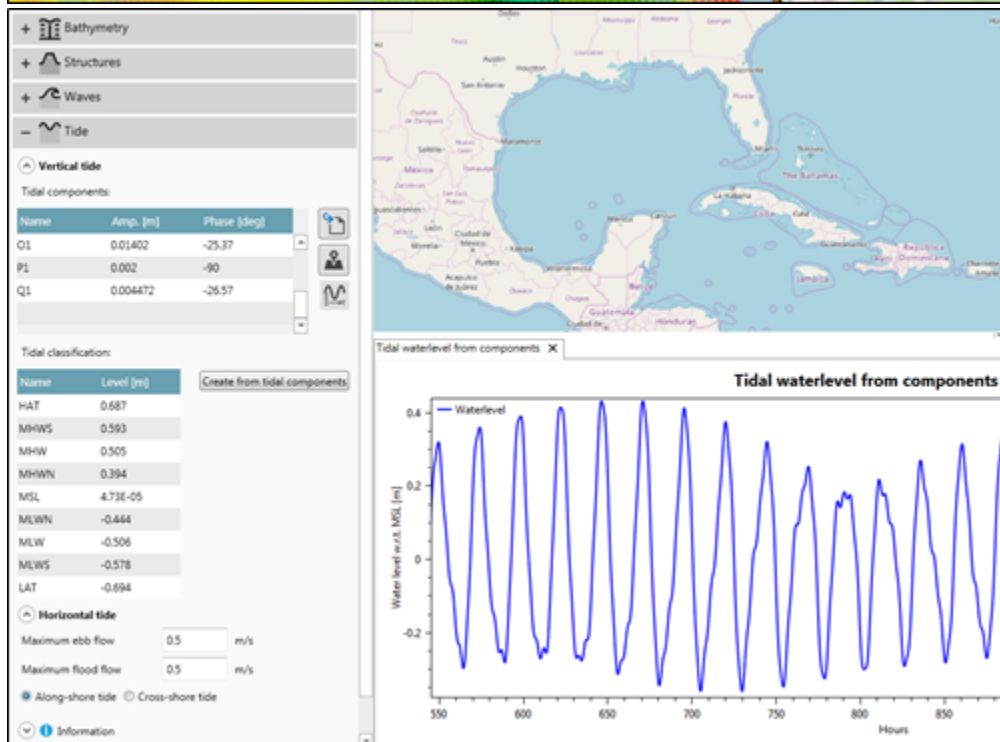
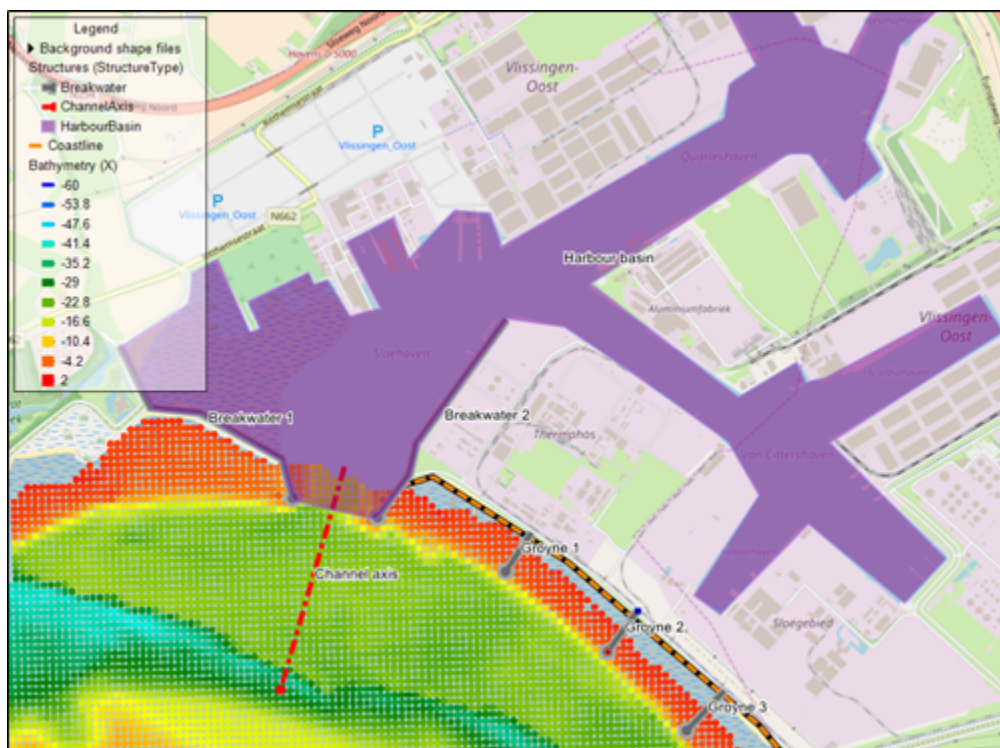
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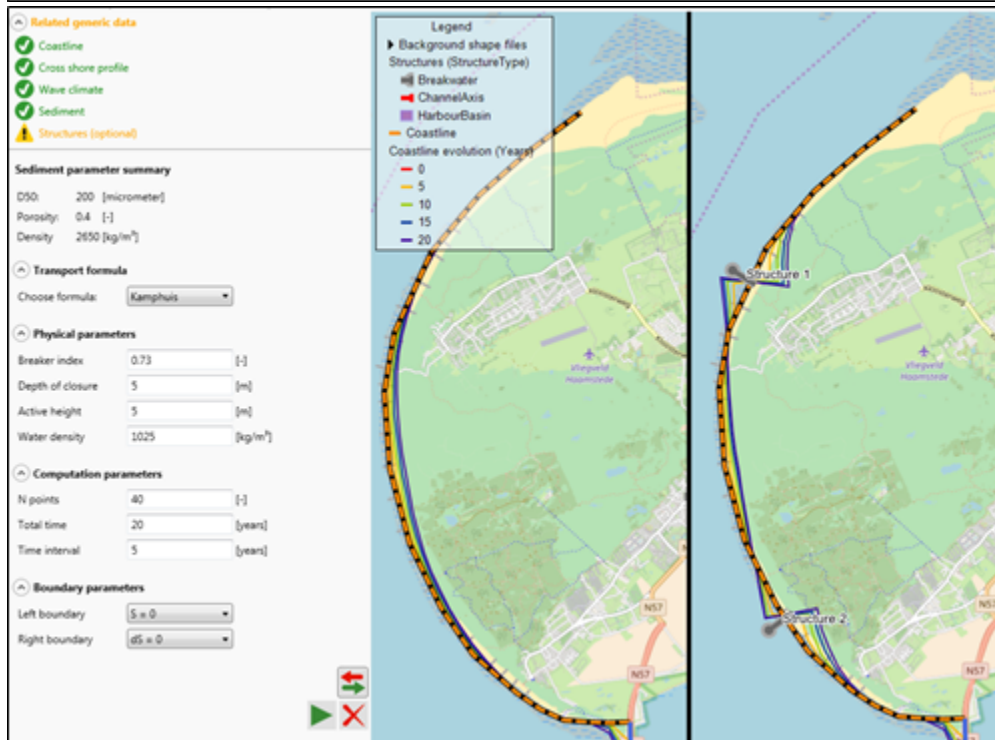
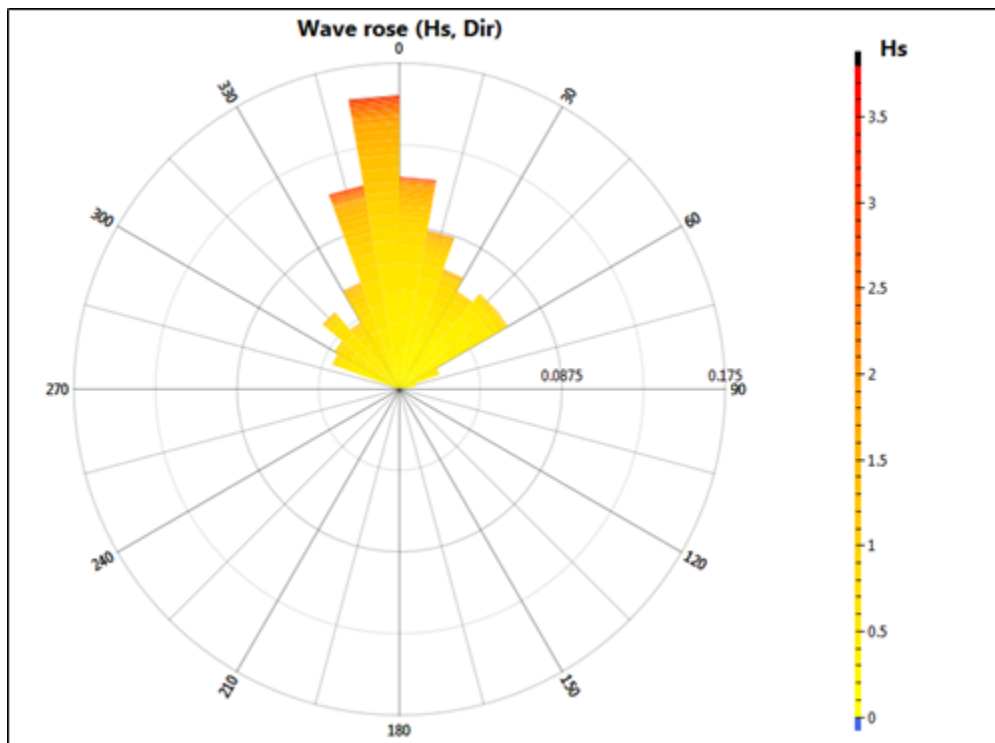
Video Guide

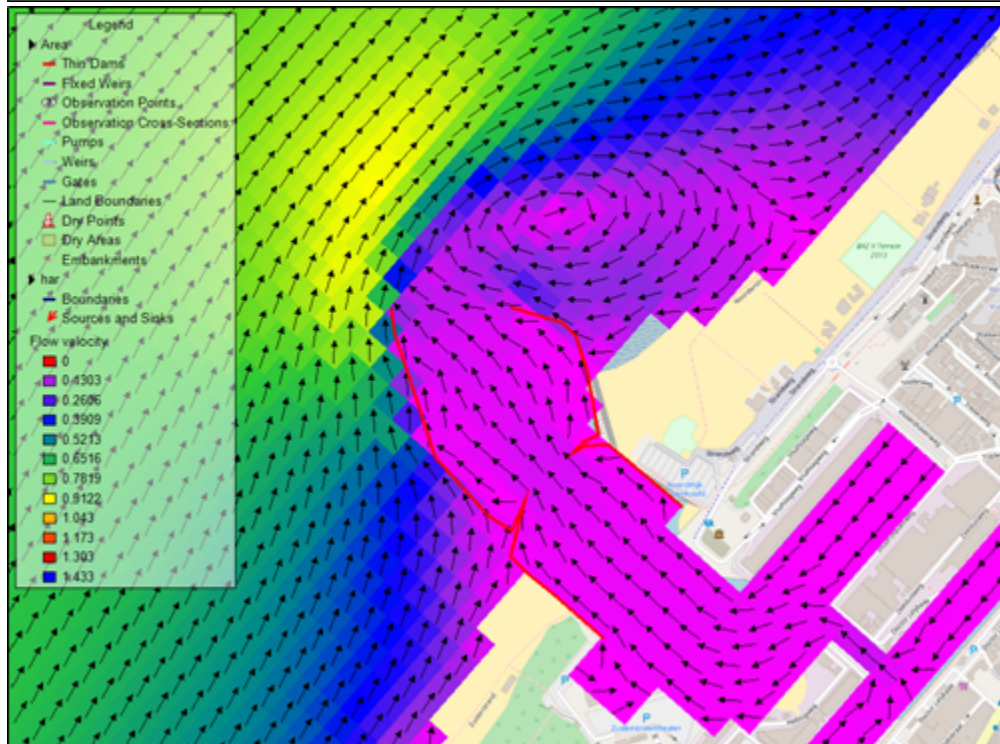
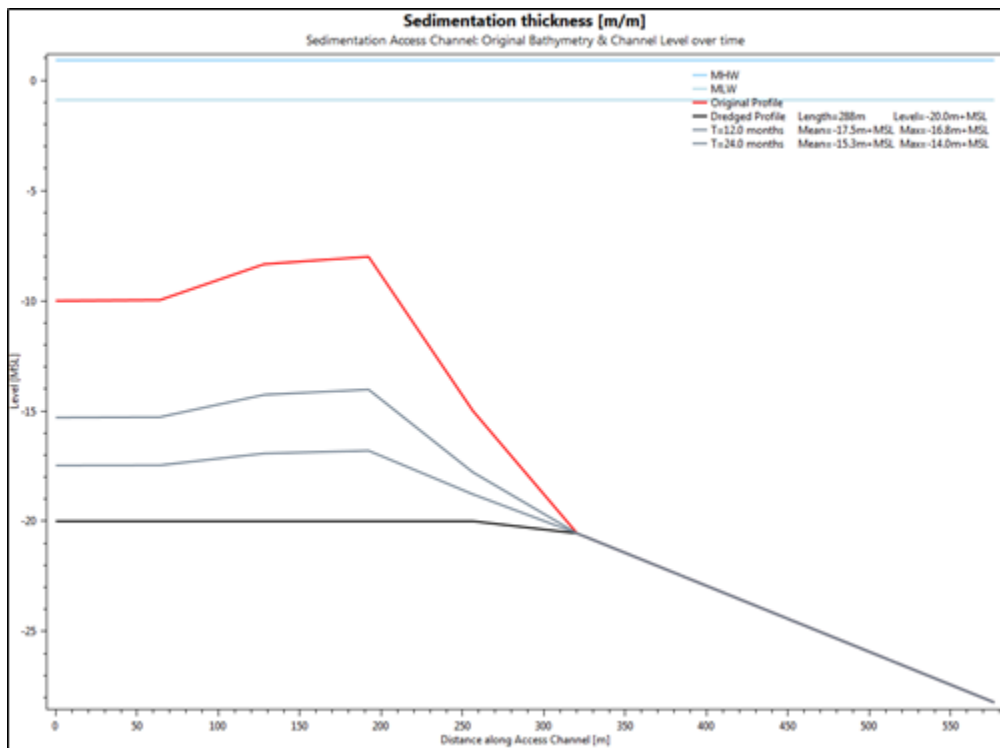
A video introduction to CoDeS tools, including short applications, is presented below:

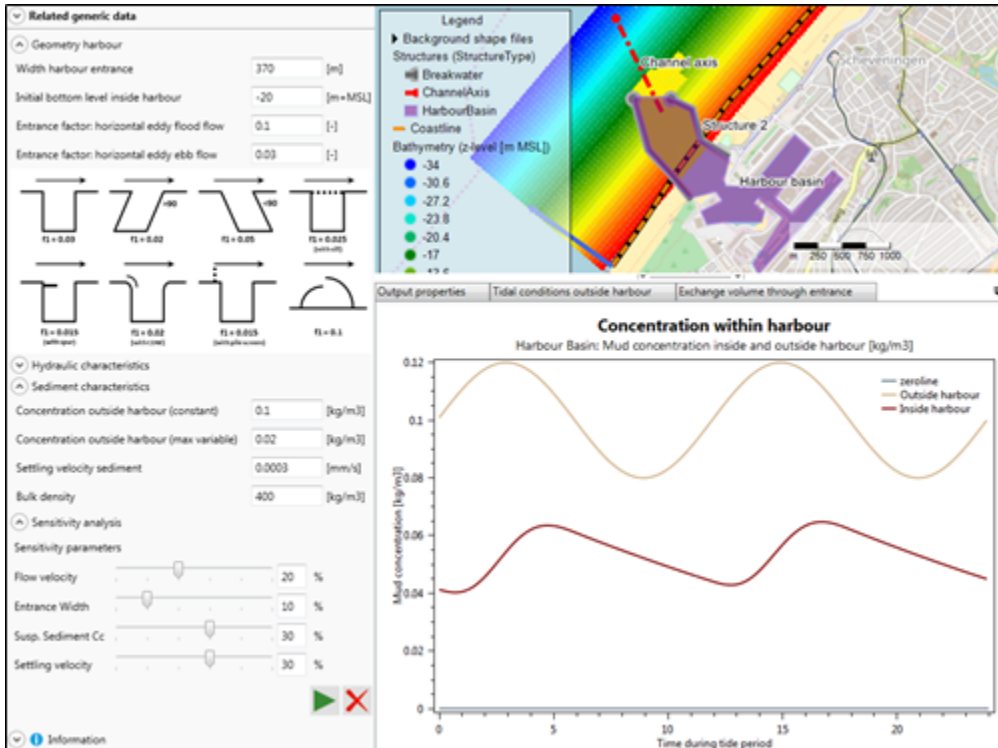
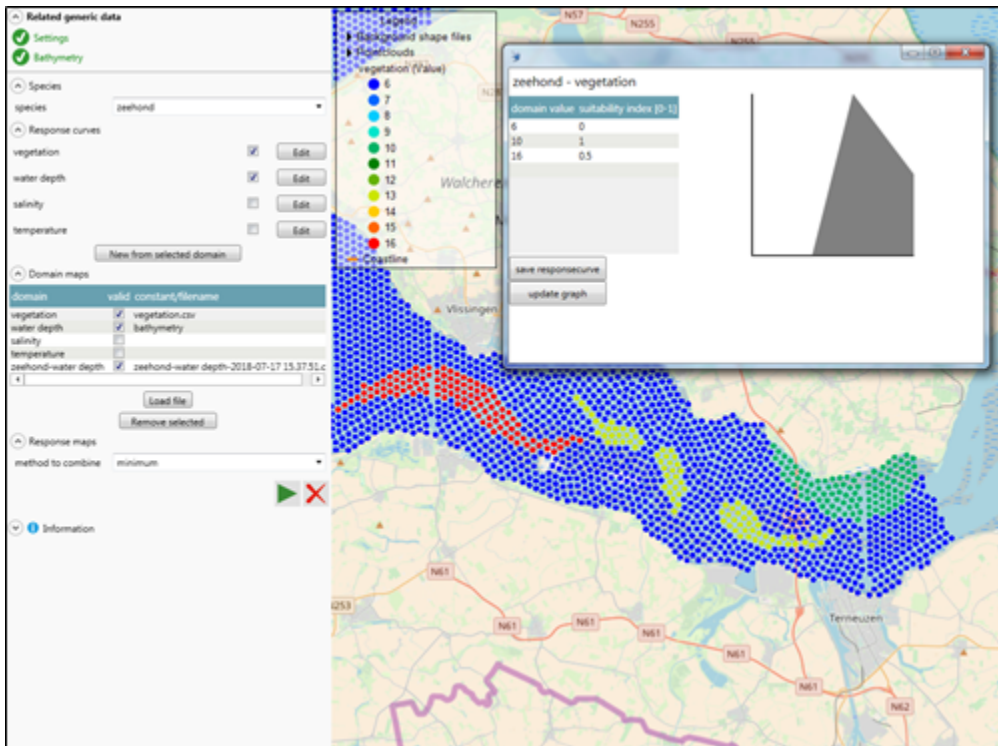
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Visual impression









Overview visual impression

Generic data - Structures	Generic data - Tide
Generic data - Waves	Coastline dynamics
Wave penetration	Breakwater design
Channel sedimentation	Interactive flow fields
eCoDeS	Harbour basin siltation