

Coastviewer & MorphAn

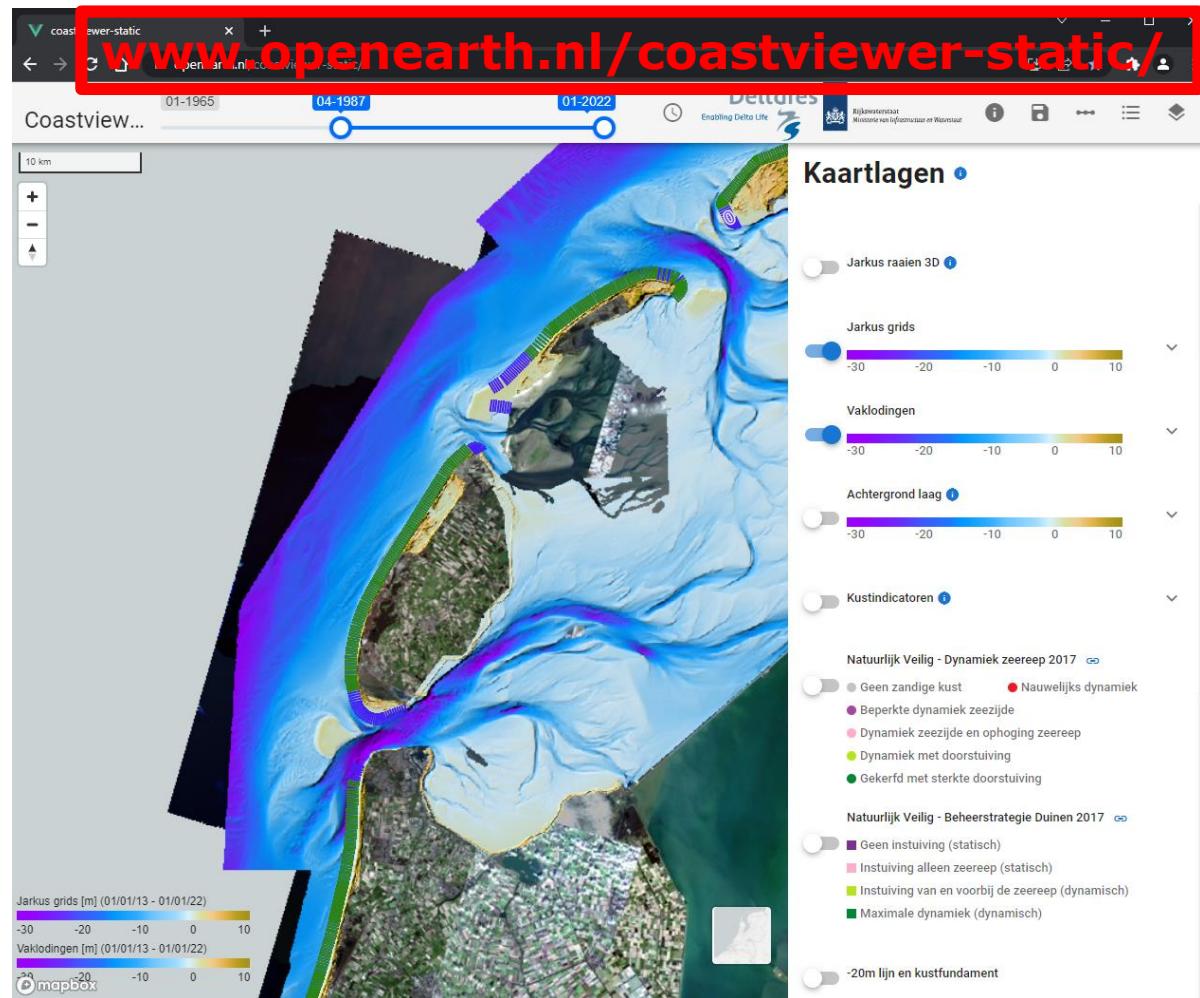
Pitch online viewer and coastal analysis software

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Coastviewer

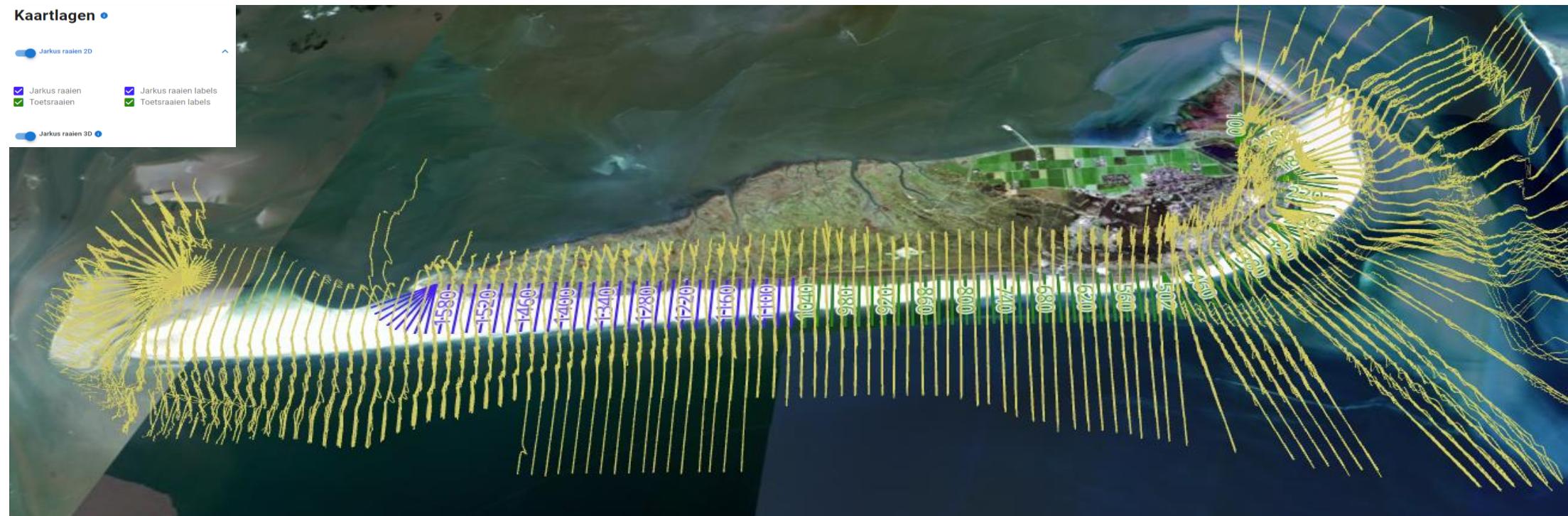
- Online, easy accessible viewer
- Mainly shows morphological data along the Dutch coast.





Coastviewer - examples

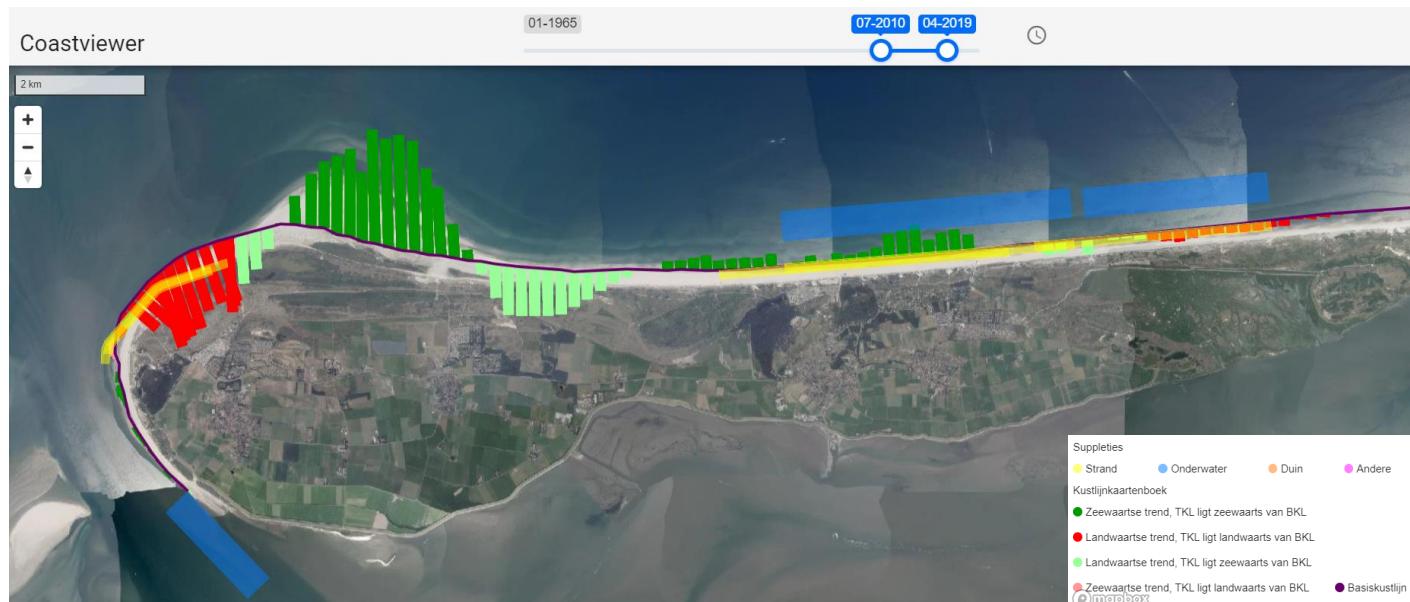
- Dutch bathymetric and topographic transects (Jarkus)



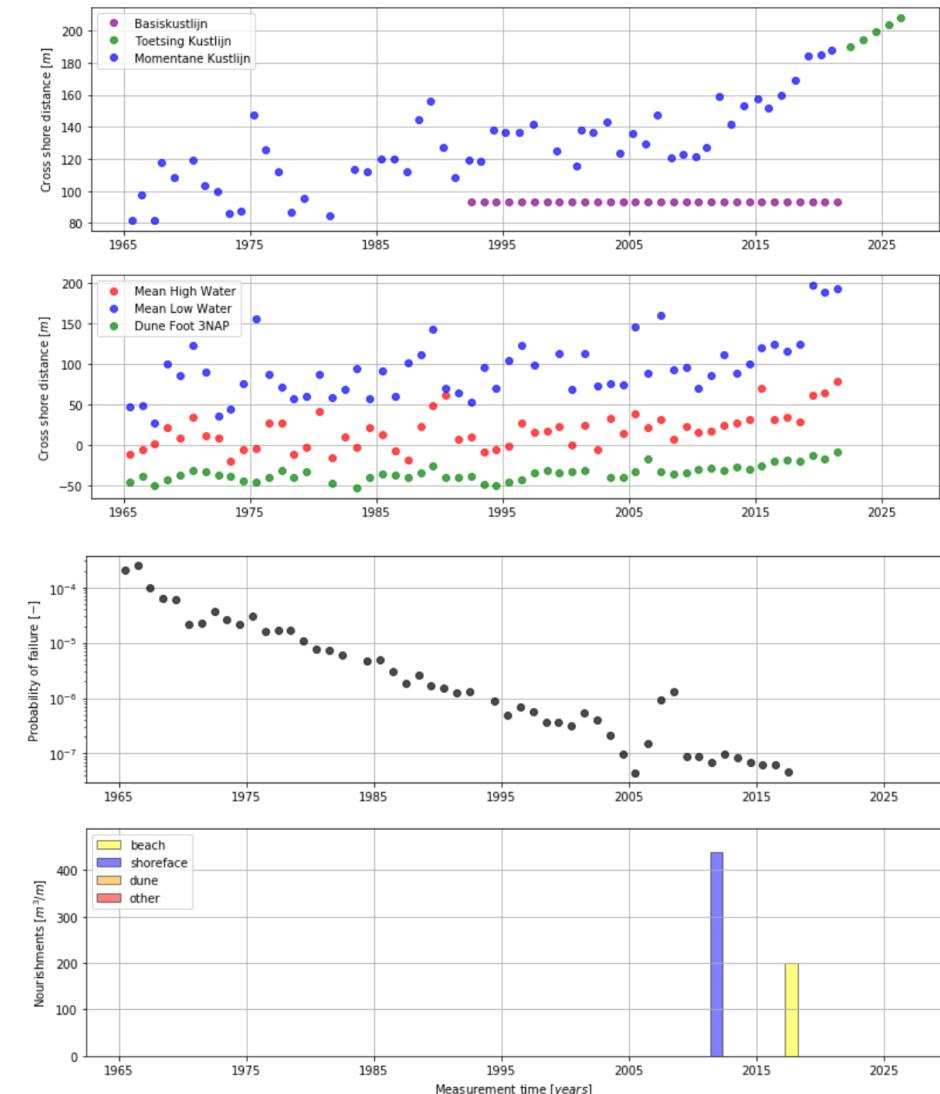


Coastviewer - examples

- Coastal indicators in both space and time
- Nourishments



Coastal indicators over time



MorphAn

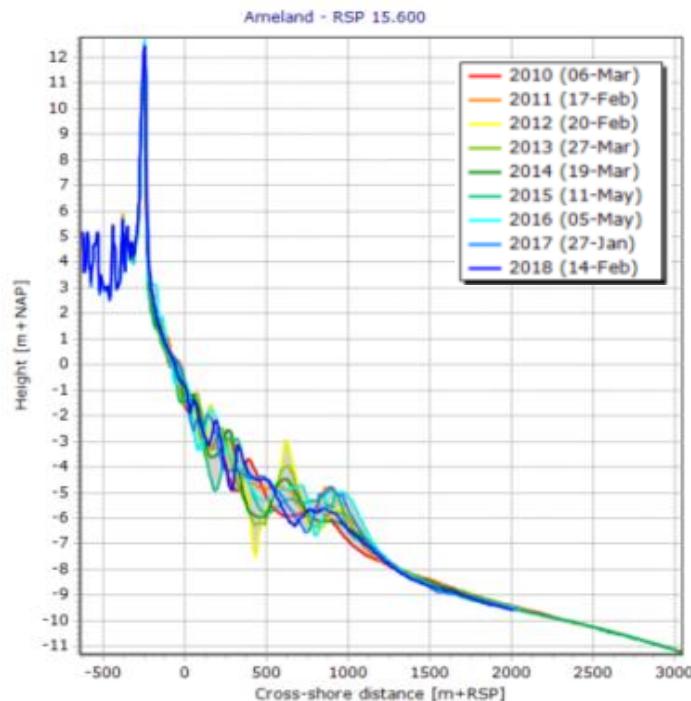


- Morphological Analysis of the coast based on cross-shore transects and raster data.
- Free software
- How to get MorphAn? Current version 1.10.1
 - The Dutch version can be requested at [Helpdesk Water of Rijkswaterstaat](#)
 - The Dutch and English version can be requested at morphan@deltares.nl

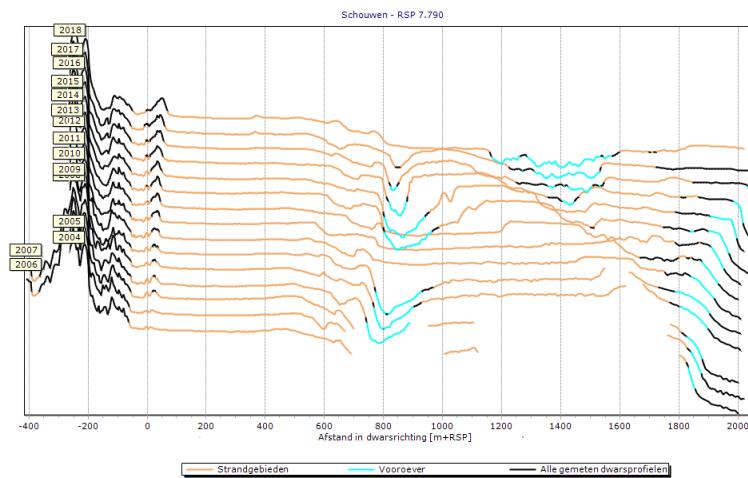
Analyze transects

Easily import and analyze transects

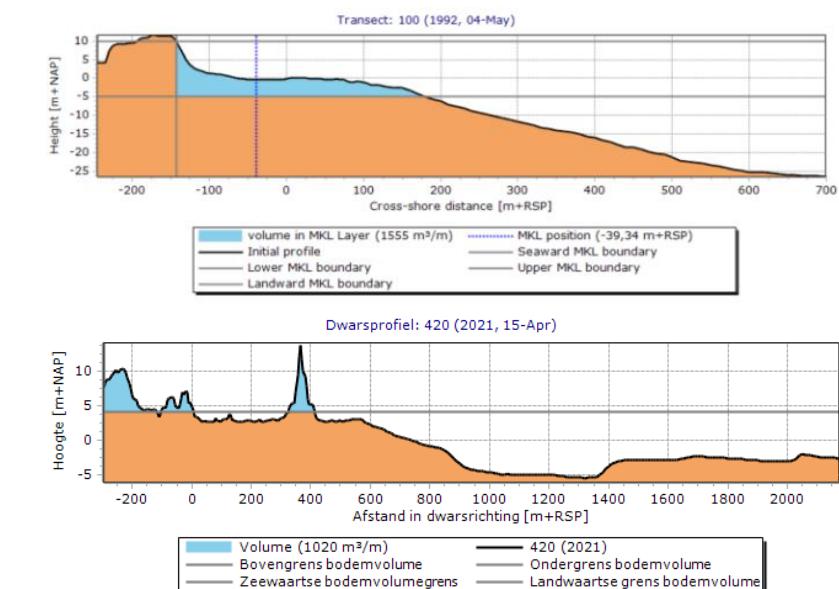
Side-view



Stacked-view



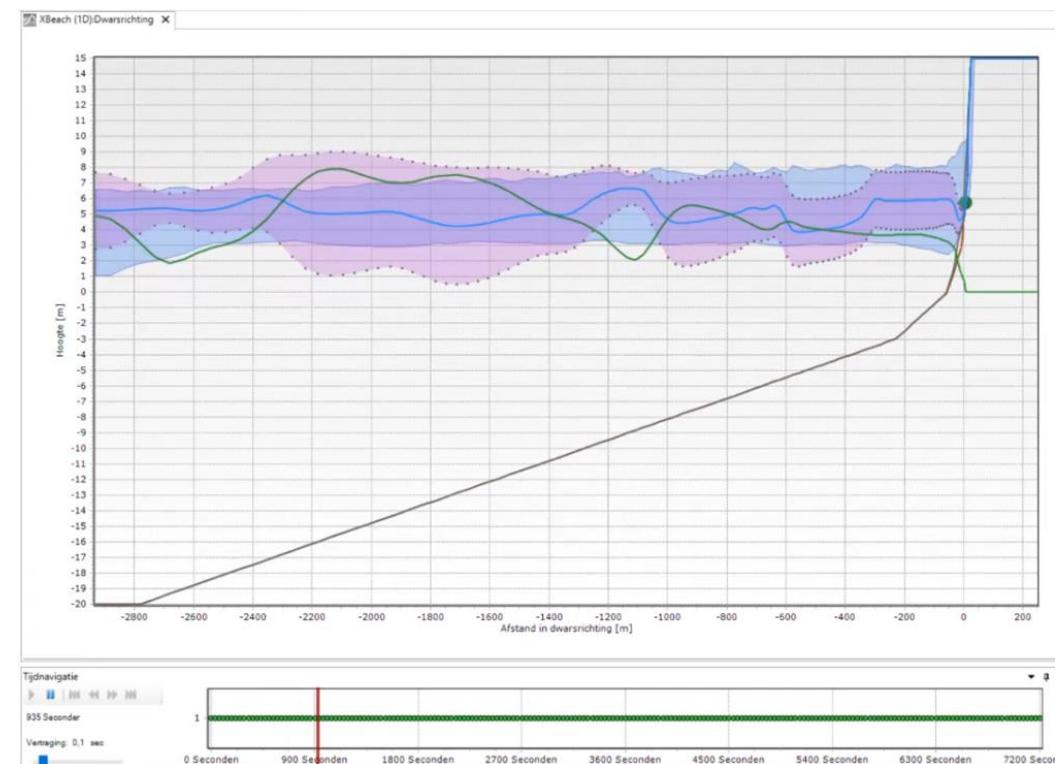
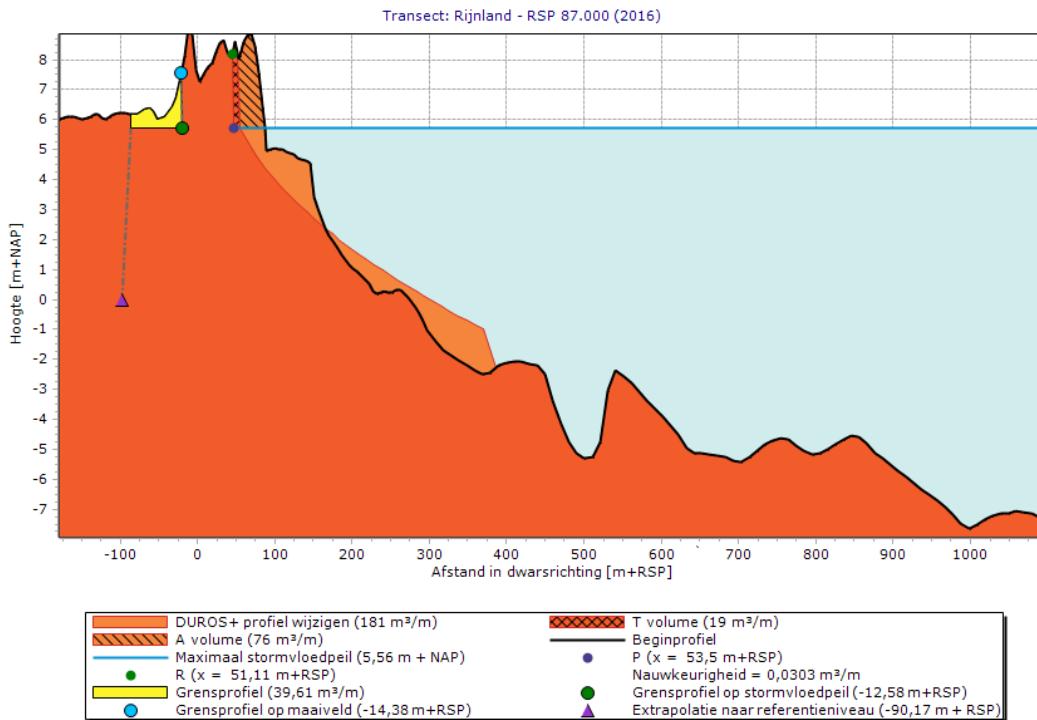
Volume and coastal position



Dune safety assessment

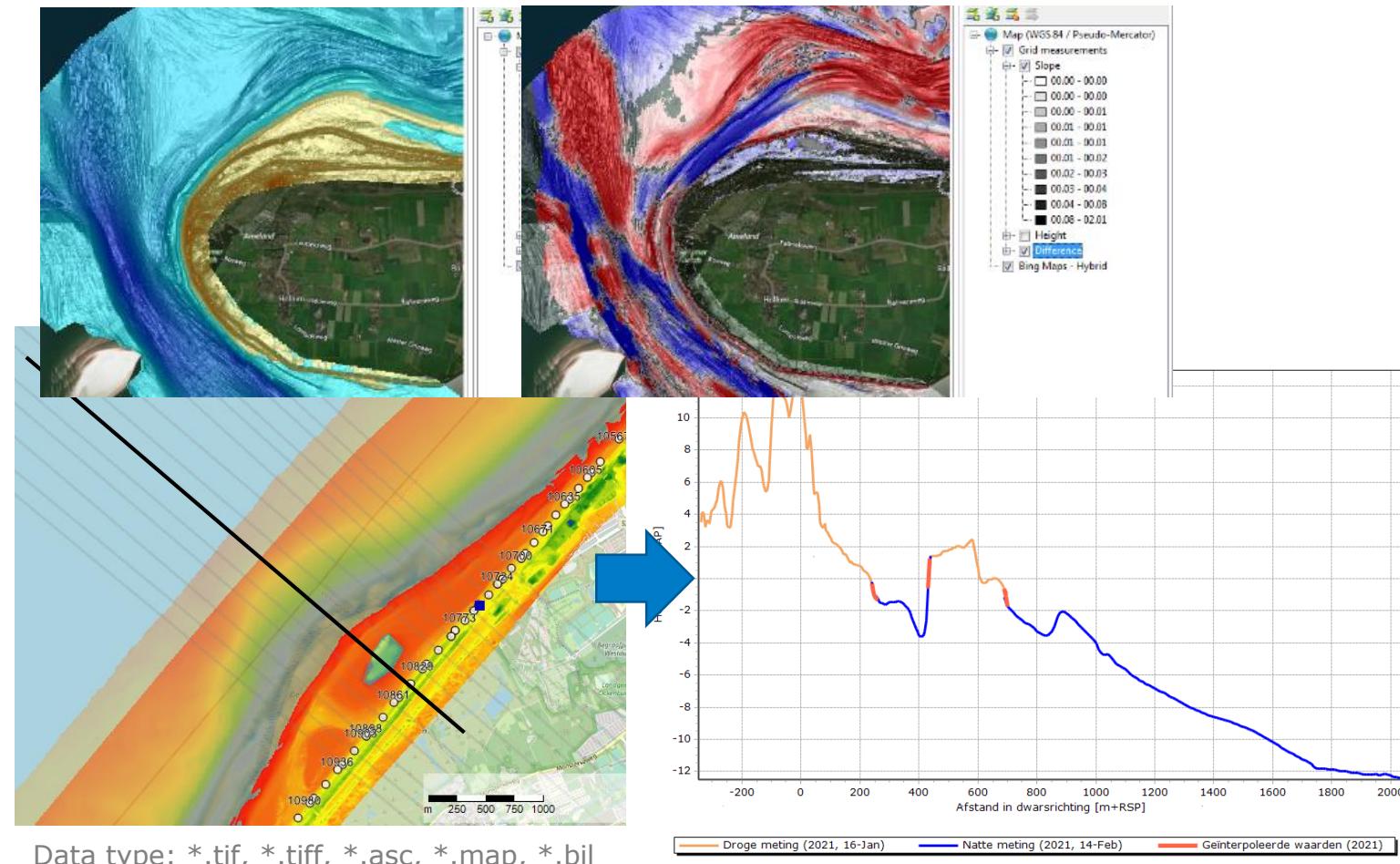
Models: DUROS+ and XBeach 1D

- Easy set-up, visualization and export through GUI



Raster functionality

- Basic raster analysis (height, slope, difference maps)
- Globally applicable
- Multiple rasters can be combined into transect
- Functionality expanded in coming version (1.12.1)





Links:

Coastviewer:

<https://www.openearth.nl/coastviewer-static/>

Get MorphAn:

<https://www.helpdeskwater.nl/onderwerpen/applicaties-modellen/applicaties-per/aanleg-onderhoud/aanleg-onderhoud/morphan/contact/vraag-morphan/>

MorphAn website:

<https://oss.deltares.nl/web/morphan/home>

Get Dutch coastal data:

<https://www.rijkswaterstaat.nl/formulieren/contactformulier-servicedesk-data>



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