

MI-SAFE advanced



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The Advanced modality represents the most complex level of the MI-SAFE tool. This modality provides full support of specialists and allows the use of recent EO-derived information and of an adapted XBeach model setup to produce a tailor-made evaluation of the impact of foreshores on water level and wave heights at a location selected by the user. Your tailor-made model setup can be created with Delft Dashboard. See below two instruction videos of how to use Delft Dashboard to assess the effect of vegetation on your foreshore!

Create a XBeach model

This [example](#) shows how Delft Dashboard can be used to set up in a few minutes a tidal simulation using a two-level nesting approach. The model includes a coarser model for Southern California, in which an already existing high resolution model for San Diego bay is nested.

Vegetate your model

This [example](#) shows how Delft Dashboard can be used to vegetate an existing XBeach model based on the yes/no vegetation map from FAST.