**TPM802a Coastal Environment**

Assignment

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**Background**

The Netherlands has a coastal management policy aimed at preserving flood risk levels and values and functions in dune areas through maintaining the (relative) sediment budget of the coast. More information will be provided during the lecture.

**Assignment**

Can you visualise the sediment budget for the island of Texel? Can you assess whether the long term strategic objectives are met?

**Available information**

* Annual bathymetry data 1965 – 2023
* Coastal viewer <https://www.openearth.nl/coastviewer-static/z>
* Background papers <https://research.tudelft.nl/en/publications/connecting-science-and-policy-in-dutch-coastal-management-ithe-ro>