

### The Research Team

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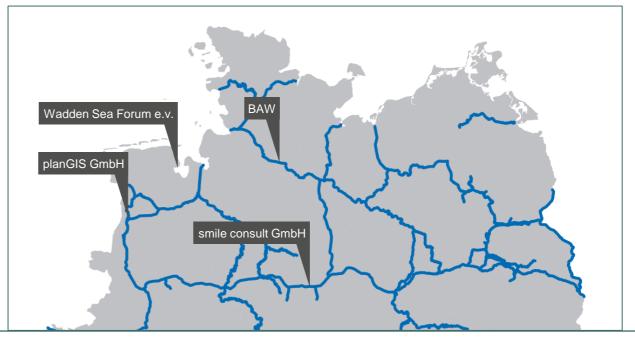


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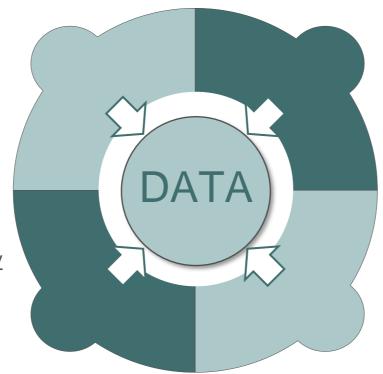
# Research Objective and Work Packages

#### Research objective:

Our goal is the synthesis of scattered data (A-C) in the Trilateral Wadden Sea area to reliable, high-resolution data products for research, consulting, and governmental policy decision in the period of 2000 to 2020.

#### (A) Geomorphology

Consistent, annual high-resolution bathymetry data.



#### (B) Surface Sediments

Information about likely surface sediments using sediment samples and numerical modeling.

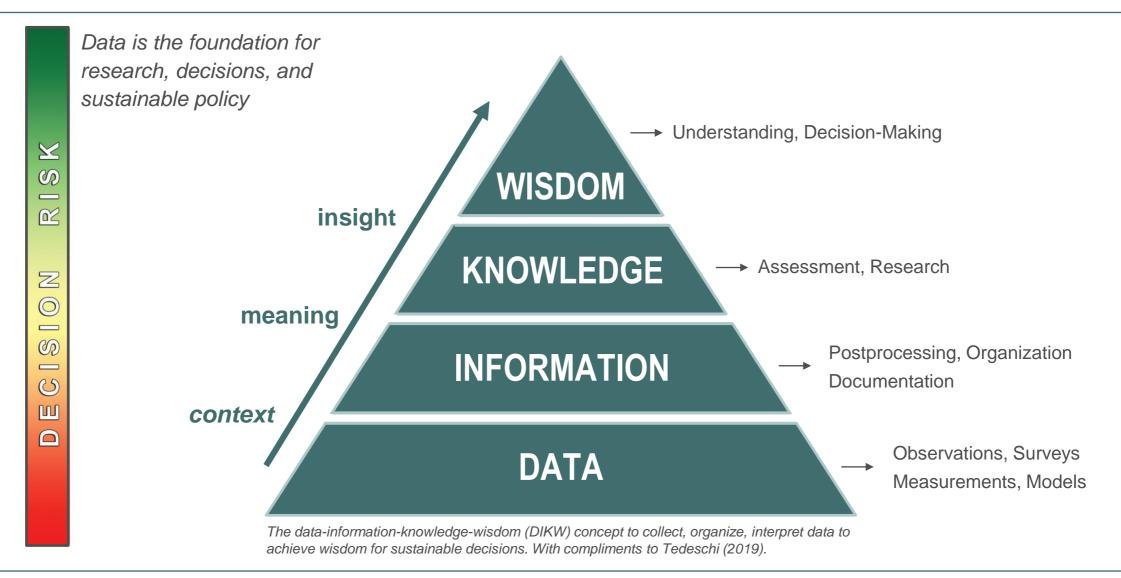
#### (C) Physical Oceanography

Numerical simulations of the entire North Sea to describe tides, salinity, heat flux, and sediment transport.

#### (D) Interactive Webviewer

Enabling users from different background to move efficiently through our big data collection.

## Data Facilitates Sustainable Decisions



# Take-Home-Messages

- (1) The availability of consistent data is imperative to sustainable, efficient decision making
- (2) We create FAIR bathymetry, surface sediment, and hydrodynamic data for the Wadden Sea
- (3) Navigation, data-processing and data science will be enabled on-the-fly in a web environment