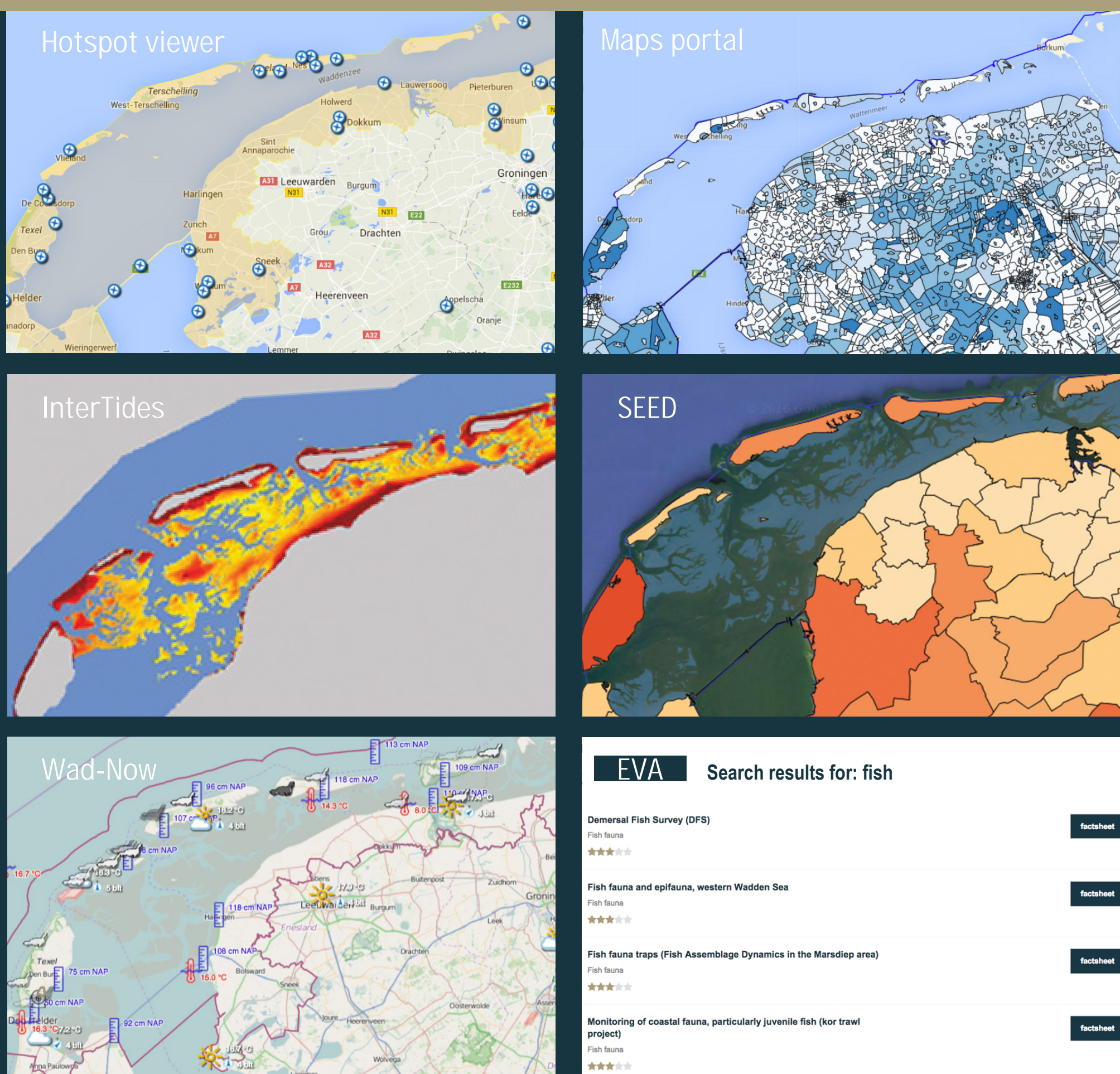
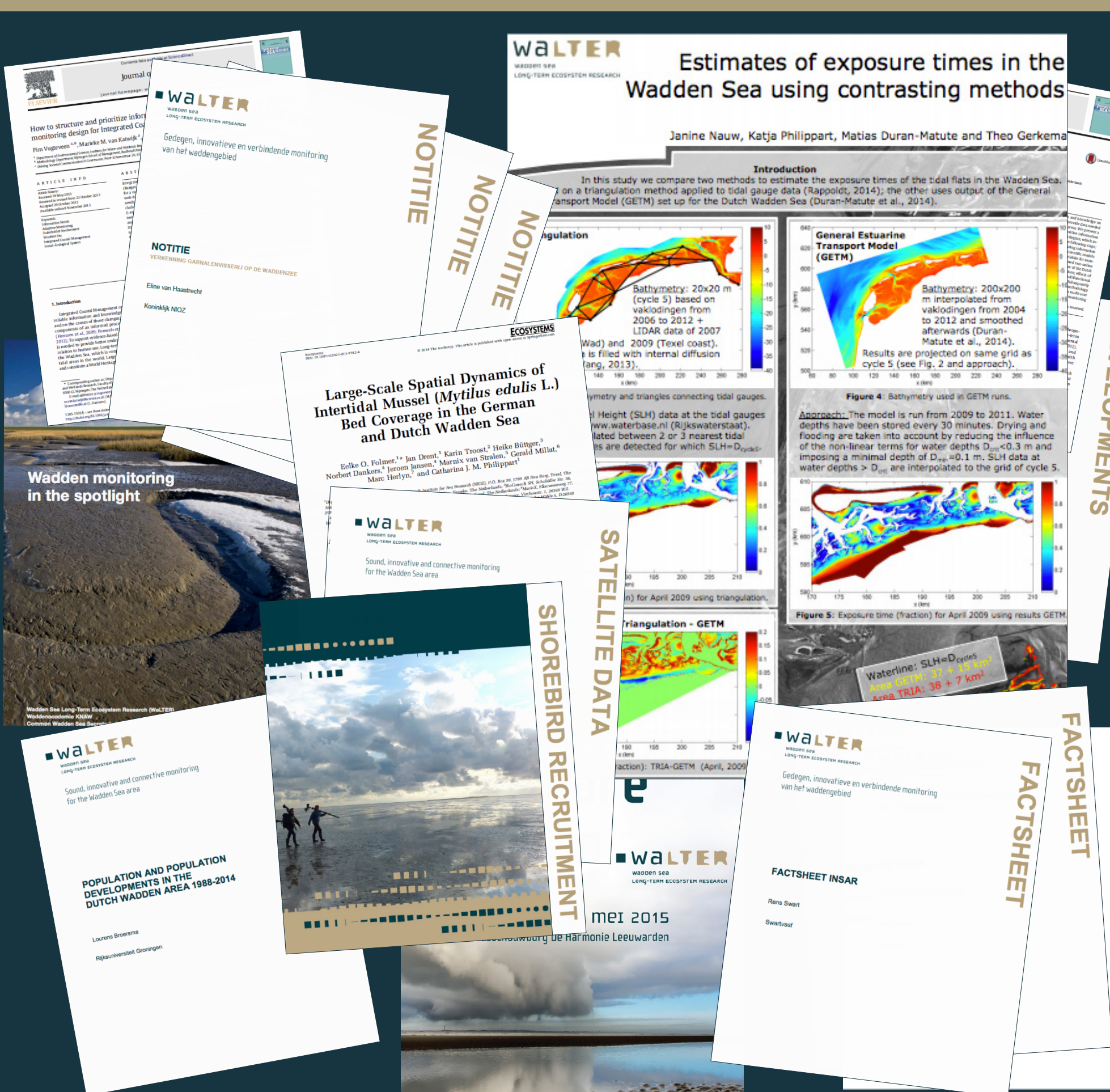


Sound, innovative and connective monitoring for the Wadden Sea area - Interactive tools, advice and data access

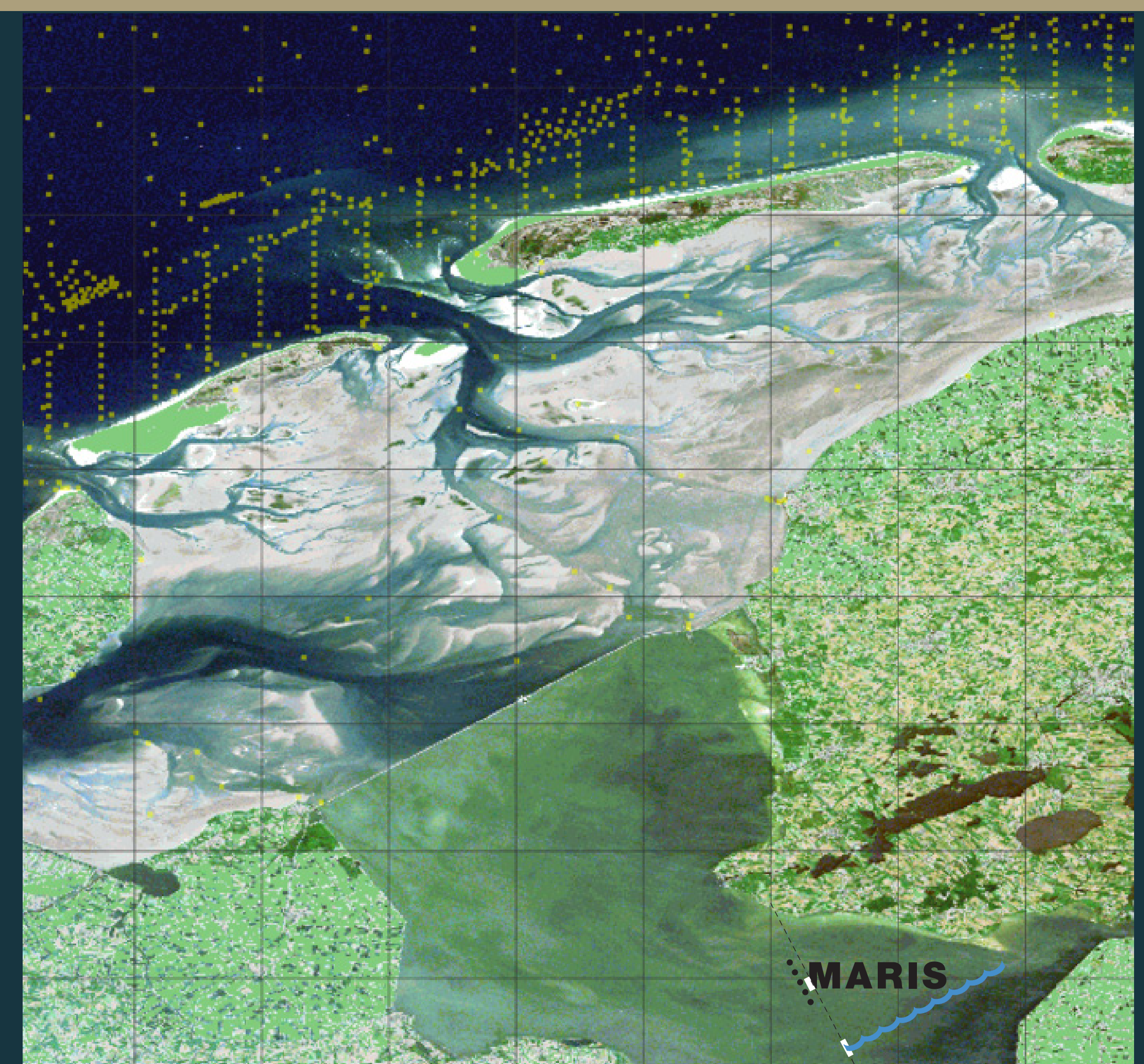
Interactive tools



Publications



Wadden data portal



Motivation

In the Wadden Sea, many parameters of the physical, ecological and socio-economic system are monitored by various institutions. These measurement efforts were not always well aligned and the data were not always fully accessible. Starting in 2011, the WALTER project has collected and evaluated the fragmented data and information to improve both the long-term monitoring programs and the accessibility of the data for the Dutch Wadden Sea.

Approach

- Inventory of knowledge and data requirements (questionnaires)
- Scientific analysis of ecological and socio-economic models
- Evaluating measurement programmes, identifying gaps & overlaps
- Securing data access in a standardized format via a central portal
- Pilots of GSM tracking, remote sensing and citizen science
- Building interactive tools (data and products)
- Setting up an LTER network for long-term ecological research

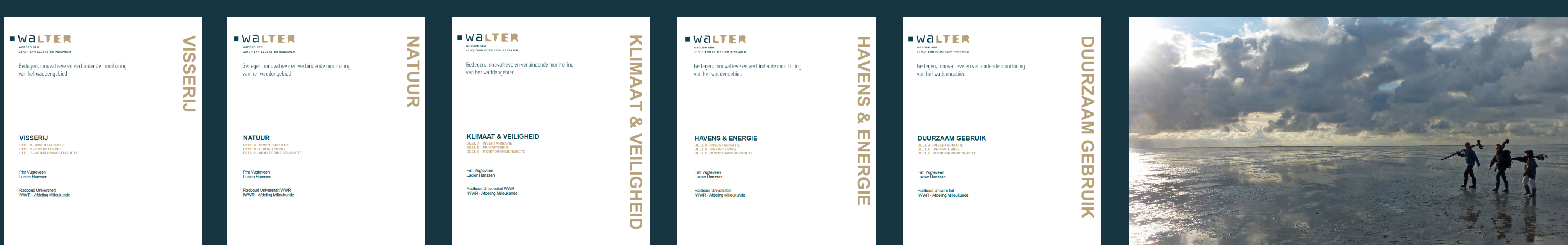
Results

- Data portal with > 10.000 data sets
- Recommendations for fundamental monitoring (12 thematic reports)
- Overview of long-term monitoring programmes (EVA factsheets)
- Tool for calculating exposure time of intertidal area (InterTides)
- Thematic collection of digital maps (Maps portal)
- Database of ecology and socio-economy of Wadden area (SEED)
- Scientific papers

Thematic reports



Reports of current issues and stakeholder questions



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