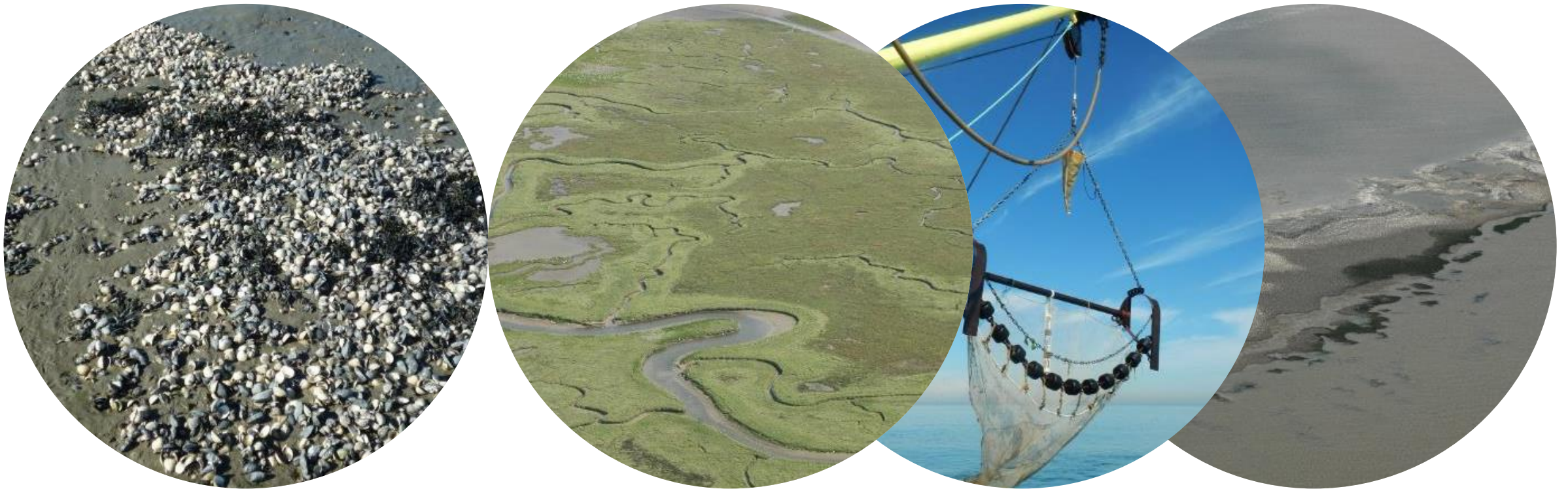


Long-term monitoring programmes in the North Sea and Wadden Sea by WMR

NCK theme day on the 'Value of measurements and monitoring'

11 April 2022, Martin Baptist, Wageningen Marine Research (WMR)



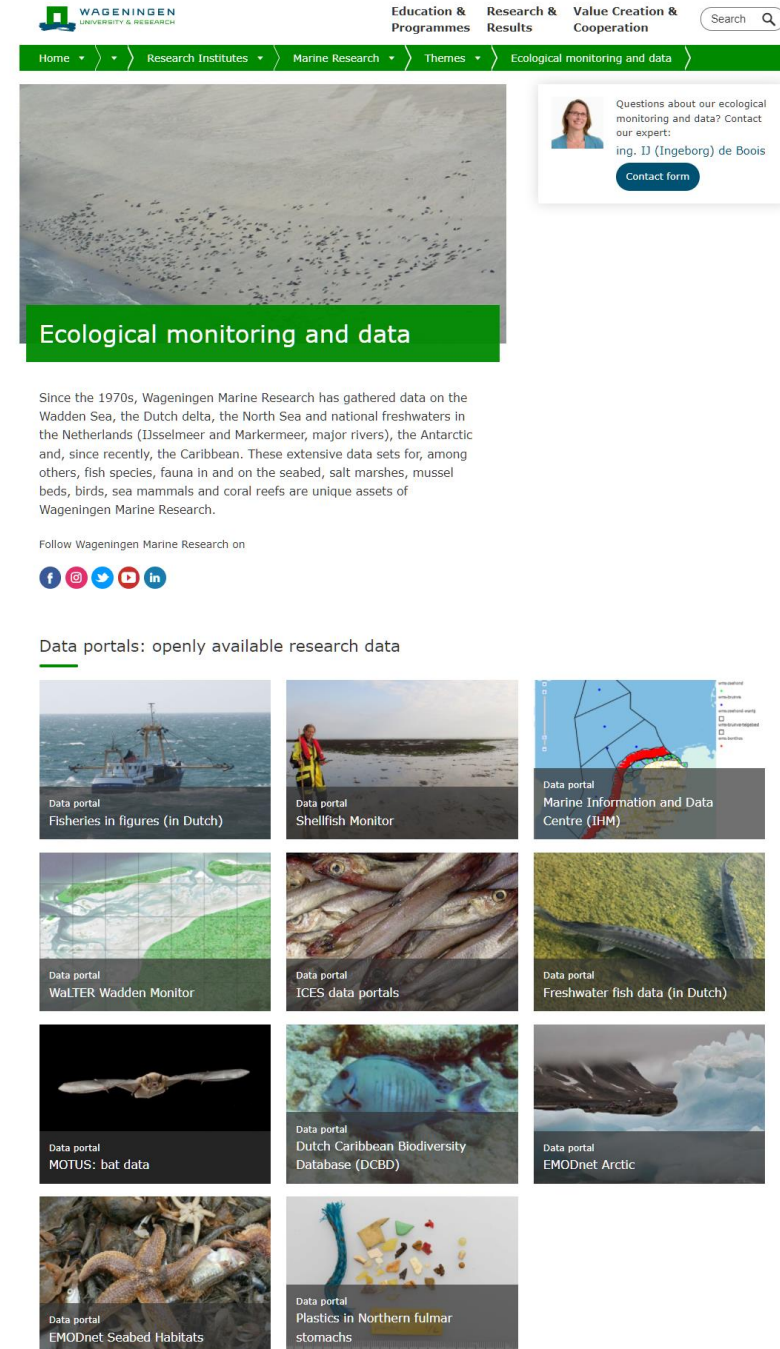
Where to find more information on monitoring by WMR?

At www.wur.nl/marine-research you find:



English <https://www.wur.nl/en/Research-Results/Research-Institutes/marine-research/Themes/Ecological-monitoring-and-data.htm>

Dutch <https://www.wur.nl/nl/Onderzoek-Resultaten/Onderzoeksinstituten/marine-research/Themas/Ecologische-monitoring-en-data.htm>



WAGENINGEN
UNIVERSITY & RESEARCH

Education & Programmes | Research & Results | Value Creation & Cooperation | Search

Home | Research Institutes | Marine Research | Themes | Ecological monitoring and data

Questions about our ecological monitoring and data? Contact our expert:
ing. IJ (Ingeborg) de Boois
Contact form

Ecological monitoring and data

Since the 1970s, Wageningen Marine Research has gathered data on the Wadden Sea, the Dutch delta, the North Sea and national freshwaters in the Netherlands (IJsselmeer and Markermeer, major rivers), the Antarctic and, since recently, the Caribbean. These extensive data sets for, among others, fish species, fauna in and on the seabed, salt marshes, mussel beds, birds, sea mammals and coral reefs are unique assets of Wageningen Marine Research.

Follow Wageningen Marine Research on

f @ t y i n

Data portals: openly available research data

- Data portal: Fisheries in figures (in Dutch)
- Data portal: Shellfish Monitor
- Data portal: Marine Information and Data Centre (IHM)
- Data portal: WaLTER Wadden Monitor
- Data portal: ICES data portals
- Data portal: Freshwater fish data (in Dutch)
- Data portal: MOTUS: bat data
- Data portal: Dutch Caribbean Biodiversity Database (DCBD)
- Data portal: EMODnet Arctic
- Data portal: EMODnet Seabed Habitats
- Data portal: Plastics in Northern fulmar stomachs

Statutory Research Tasks

- Wageningen University & Research supports the government in the implementation of laws and regulations via Statutory Research Tasks (Wettelijke OnderzoeksTaken in Dutch).
- WMR is involved in:
 - **WOT Natuur & Milieu**, in the policy area Nature & Environment, such as collection of data on biodiversity.
 - **WOT Visserij**, on the management of fisheries, such as the collection of data on fishing and fish stocks.

WOT Natuur & Milieu

- Harbour porpoise distribution North Sea, since 1991.
- Population counts of harbour and grey seal in the Wadden Sea, since 1960.
- Reproductive success of waders and seabirds in the Wadden Sea, since 2005 (with SOVON).
- Benthic development in Reference area Rottum, since 2002.
- Salt marsh accretion and size in Groningen and Friesland since 1960.



WOT Visserij – on Fish

<https://www.wur.nl/nl/Onderzoek-Resultaten/Wettelijke-Onderzoekstaken/Centrum-voor-Visserijonderzoek-1/Visserijonafhankelijke-bemonstering.htm>

- Demersal (Young) Fish Survey (DFS), since 1970.
- International Bottom Trawl Survey (IBTS), since 1970.
- Sole Net Survey (SNS), since 1969.
- Beam Trawl Survey (BTS), since 1985.
- Acoustic surveys (herring), since 1970.
- Fish larvae surveys (e.g. sprat, pilchard), since 1980's).
- Glass gillnetting, since 1938 in Den Oever.
- Fyke monitoring Kornwerderzand, since 2000.

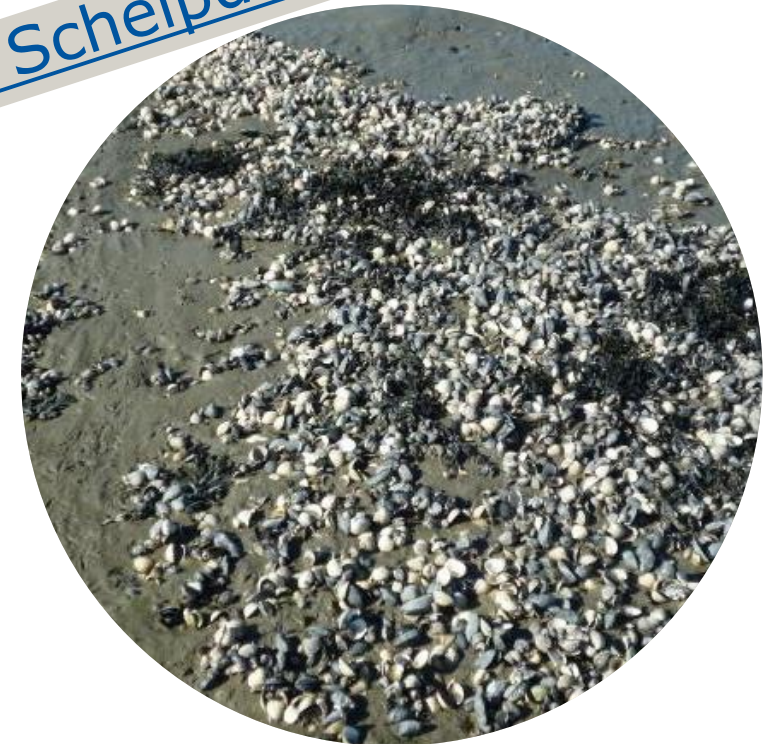


WOT Visserij and Natuur & Milieu – on Shellfish

<https://www.wur.nl/nl/Onderzoek-Resultaten/Wettelijke-Onderzoekstaken/Centrum-voor-Visserijonderzoek-1/Visserijonafhankelijke-bemonstering/Surveys-in-de-Delta-Waddenzee-en-Noordzeekustzone.htm>

- Stocks of littoral shellfish in the Wadden Sea, since 1990.
- Contours of mussel beds and oyster reefs, since 1992.
- Stocks of sublittoral mussel beds in 20 plots (with PO Mossel), since 1992.
- Structure and dynamics (in detail) of 11 littoral mussel beds of which the reference area Rottum, since 1995.
- Stocks of *Ensis* and *Spisula* in the North Sea coastal zone, since 1993.

Google "schelpdiermonitor", www.wur.nl/nl/artikel/Schelpdiermonitor.htm



Contact details

martin.baptist@wur.nl

dr. ir. M.J. Baptist

Phone: +31 (0)317 487068

Twitter: @MartinBaptist

[linkedin.com/in/martinbaptist/](https://www.linkedin.com/in/martinbaptist/)

