

Project 56: Data Management

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The National Ocean and Coastal Research Programme (in Dutch: ZKO) was a NWO Earth and Life Sciences (ALW) funded initiative focusing on the scientific analysis of five societal challenges related to a sustainable use of the sea and coastal zones. These five main challenges are safety, economic yield, nature, spatial planning & development and water quality. According to the NWO website, the ZKO program was 'set up to strengthen the cohesion and collaboration within Dutch marine research'. The programme encouraged 'research into current issues and policy-related topics important for the sustainable management of the Dutch coast'.

The ZKO programme was divided into 4 different themes or regions, with the first theme subdivided into three parts:

- Carrying capacity (Wadden Sea area)
 - Carrying Capacity: Line 1 - Policy-relevant Research
 - Carrying Capacity: Line 2 - Monitoring
 - Carrying Capacity: Line 3 - Hypothesis-driven Research
- Oceans
- North Sea
- Transnational Wadden Sea research

A total of 56 projects was funded during 2007-2015, ranging from research on governance of the Wadden Sea to research on trace elements and isotopes in the Atlantic Ocean.

Project 56 was the data management project for the entire ZKO programme. Its aim was to archive all relevant data from ZKO funded projects and to make the results, data and publications, publicly available, following the ZKO Data Policy. The data management project was carried out by the NIOZ Data Management Group.

The emphasis of this project was on providing an overview and quick access to the results of all ZKO research projects. This was done by developing a dedicated data portal, in which the metadata were based on SeaDataNet vocabularies throughout. This enables an easy connection to the SeaDataNet infrastructure in the future.

The presentation will introduce the various research projects of the ZKO programme and its many, many different datatypes. It will explain how the data portal was organized and is embedded in national and international data access infrastructures. Finally, the presentation will address the level of cooperation by the project scientists in submitting the data and the role of both the ZKO Data Policy as well as the funding agency in this matter.