

Science-policy problems in the Wadden Sea: the NWO-ZKO research programme

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The NWO-ZKO programme



Programme

The National Ocean and Coastal Research Programme

◀ List of programmes

▶ **National Ocean and Coastal Research Programme**

Background

Organisation

Contact

The National Ocean and Coastal Research Programme (Dutch: ZKO) was set up to strengthen the cohesion and collaboration within Dutch marine research. The programme encourages research into current issues and policy-related topics important for the sustainable management of the Dutch coast, in particular.

The programme is divided into three geographic themes: coast and Wadden, North Sea, and Oceans.

NWO-ZKO



- **Advisory committees:**
 - Wadden Sea research of high quality and relevant
 - Research fragmented
 - Need for coordination knowledge production and policy-making

- **National Ocean and Coastal Research Programme (NWO-ZKO):**
 - One comprehensive programme
 - Including programme for policy-related research

Contested science



Start of research projects

- *Sharing knowledge and management approaches in coastal zones. The case of the Wadden Sea*
dr. J.A.A. Swart - University of Groningen
- *Engaging science in dynamic decision making for the Wadden Sea*
prof.dr.ir. J.P.M. van Tatenhove - Wageningen University
- *Synchronizing science and policy: exploring and evaluating science-policy interfaces for the Wadden Sea*
dr. M.W. van Buuren - Erasmus University Rotterdam



Theme: Governance and knowledge sharing in the Wadden Sea



- Franke van der Molen (University of Groningen)
- Focus:
 - Knowledge conflicts
 - Joint knowledge creation in collaborations between policy-makers, experts and stakeholders
- Cases:

Mussel fisheries



Recreational boating



Coastal protection



Theme: Interactive knowledge development

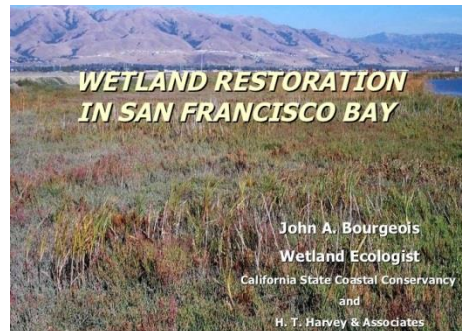


- Chris Seijger (University Twente)
(defence dissertation December, 17)
- Focus: knowledge development in coastal engineering projects
- Cases:

Dikes on Texel



Wetland restoration



Delfzijl seaport



Theme: Management of the Natura 2000 Wadden Sea site



- Judith Floor (Wageningen University)
- Focus:
 - Understanding science-policy interactions
 - “Significant effect” and Nature Restoration
- Cases:



Mussel seed fishery



Power boat racing



Nature restoration of sea grass

Theme: Science-policy interfaces and the Wadden Sea



- Wanda van Enst (Utrecht University)
- Focus: which interfaces work when, where and how?
- Cases:



Theme: Ecosystem-based management in the Wadden Sea



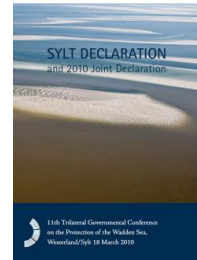
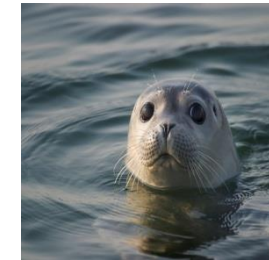
- Diana Giebels (Erasmus University Rotterdam)
- Focus:
 - What is Ecosystem-based Management?
 - What does it mean for governance?
 - What does it mean for everyday practice?

- Cases:



Houting Project

Mainport Rotterdam



Trilateral Seal Management

Theme: Governance, knowledge and communities of practice



- Daniel Puente-Rodríguez
(University of Groningen and Wageningen University)
- Focus:
 - Participatory methodologies
 - Communities of practice in the transition of mussel fishery
 - Facilitate co-production practices for port management systems
- Cases:
 - Mussel fisheries**
 - Wadden Seaports**
 - Coastal zone management**



Collective ambitions and projects

- Common practice:
 - Meetings: integration and synergy
 - Products: papers and advices
- Scientific aims: insights, complementary lessons, patterns
- Societal aims:
 - Recommendations for policy
 - Recommendations for practice



Common scientific output

Special issue *Environmental Science & Policy*
(in prep.):

- Multiple disciplines
- Multiple cases
- Multiple theoretical ‘lenses’



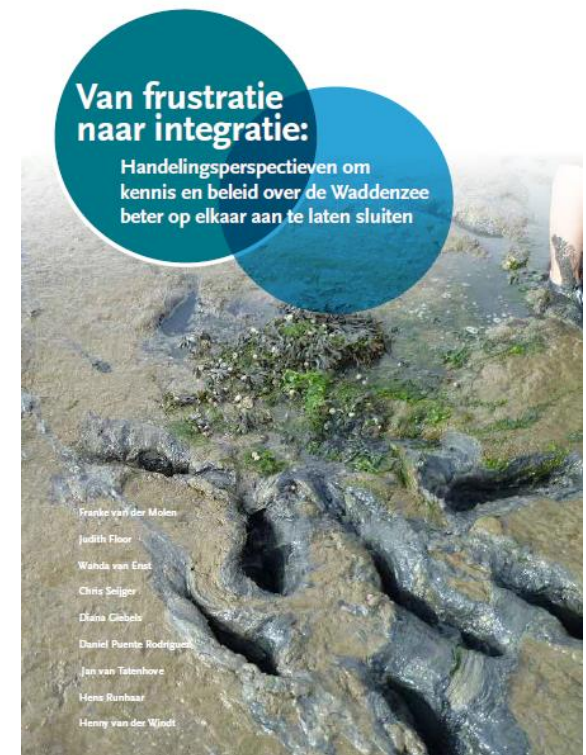
Common ‘societal output’

‘Prospects for action’:

- Generic problems
- Specific concrete solutions

Aims:

- Stimulate reflection
- Open new perspectives
- No ‘cookery book recipes’!





Your contribution



- Comment on our 'prospects for action', put them to the test, provide examples

- Help share our ideas, disseminate them

For suggestions and questions:

email f.van.der.molen@rug.nl or h.a.c.runhaar@uu.nl



Thank you for your attention

