

## Webinar VI: Salinity intrusion in the Rhine-Meuse River Delta




Time: 26 June 2024 (10:30 – 12:00 EDT; 16:30 – 18:00 CEST)

Join the zoom meeting at <https://whoiedu.zoom.us/j/98205103967?pwd=sYpsi0bo6PDLYCMw9RjPjg2TaweX9b.1>

**Moderator: David Ralston**, Senior Scientist, Woods Hole Oceanographic Institution

### Panelists:

- **Julie Pietrzak**, Professor, Delft University of Technology
- **Meinte Blass**, Senior advisor, Rijkswaterstaat
- **Ymkje Huismans**, Specialist, Deltares
- **Johan van de Koppel**, Senior Scientist, Royal Netherlands Institute for Sea Research (NIOZ)

	<p>Prof. Julie Pietrzak is a Professor of Physical Oceanography at Delft University of Technology and was the Head of the Environmental Fluid Mechanics Section for the past 6 years. She currently leads a NWO Perspective research program '<a href="#">SALTISolutions: Salt Intrusion through urbanising deltas</a>'. Together with a large team of scientists and engineers, she studies salt intrusion in the Rhine-Meuse Delta, actively exploring solutions and adaptation strategies to predict increased salt intrusion under climate change. She is also involved in research projects on the Rhine River Plume and Dutch Continental Shelf.</p>
	<p>Dr. Meinte Blass works as senior advisor for the Dutch national water management authorities Rijkswaterstaat. He provides policy advice on climate adaptation strategies for sustainable management of freshwater resources under pressure of marine and groundwater salinization and drought. His other focus is on improving day-to-day management of salinization-prone water bodies. Meinte Blaas holds a PhD in physical oceanography from Utrecht University. Before he came to Rijkswaterstaat he worked for over 15 years as researcher-advisor in various knowledge institutes on national and international projects concerning water quality and ecology, hydrodynamics and sediment transport.</p>
	<p>Dr. Ymkje Huismans is a specialist-researcher at Deltares and a guest researcher at Delft University of Technology. Following her Ph.D. in Atomic Physics, she joined Deltares where she specializes in salt and sediment dynamics of estuarine systems. Her primary research focuses on the Rhine-Meuse Estuary and the Dutch Wadden Sea. Dr. Huismans coordinates large projects, supervises PhD and Master students, and provides policy advice to governmental bodies including the Ministry, Rijkswaterstaat, provinces, and local water authorities. Her expertise spans the day-to-day management of water systems, the impacts of climate change, and potential adaptation measures.</p>



Prof. Johan van de Koppel is a senior scientist at the Netherlands Institute for Sea Research studying how the interplay of biological and physical processes drives the adaptive capacity of ecosystem. His primary interests are the processes that generate spatial complexity in ecosystems, in the form of spatial patterns, aggregations, and fronts in marine intertidal ecosystems, and how the pattern-forming processes affect the adaptive capacity of ecosystems to climate and other environmental stressors. Salinization is one of these stressors, and recent research focuses on how tidal freshwater wetlands can adapt to a higher incidence of saltwater intrusion with climate change.

You are invited to a Zoom webinar.

When: Jun 26, 2024 10:30 AM Eastern Time (US and Canada)

Topic: Salinity intrusion in the Rhine-Meuse River Delta

Please click the link below to join the webinar:

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