



2013 EGU Vienna, Poster Pres Koop-Jakobsen. “The Dynamics of sediment oxygenation in *Spartina anglica* Rhizospheres – a Planar Optode Study”

2012 EGU (*European Geosciences Union General Assembly*) Vienna, Oral Pres. Koop-Jakobsen -”A novel Multi-Fiber Optode sensor system (MuFO) for monitoring oxygen”

2007 ERF (*Estuarine Research Federation, Providence RI, USA* - Oral Presentation -. Koop-Jakobsen Title: “A New Approach To Measuring Denitrification in Vegetated Marsh Sediments”.

2007 SIL (30th Congress of the International Association of Theoretical and Applied Limnology) Title: ”Nitrogen Retention in Salt Marsh Sediment - A Study of Anaerobic Ammonium Oxidation and Dissimilatory Nitrate Reduction to Ammonium”.

2007 ASLO (aquatic sciences meeting) Santa Fe, NM, USA - Oral presentation – Title: ”Nitrogen Retention in Salt Marsh Sediment - A Study of Anaerobic Ammonium Oxidation”.

WORKSHOP/COURSES/MEETINGS (ORGANIZATION OF...):

2019 Workshop “The Old and New – working with existing and emerging PID types”. Organizer: **Ketil Koop-Jakobsen** and Tina Dohna. Oct 23rd Research Data Alliance (RDA) plenary meeting, Helsinki Finland (half day)

2017 Workshop, Organizer: **Ketil Koop-Jakobsen**, “GEOSS for Ocean data providers” PLOCAN, Gran Canarias, Spain, November 24th (full day)

2017 Workshop, Organizer: **Ketil Koop-Jakobsen**, “*AtlantOS workshop on transatlantic Ocean* Brussels, Belgium, June 7-8th

2014 Splinter meeting for the environmental research infrastructure community, Organizer: **Ketil Koop-Jakobsen**, “*Connecting research infrastructures through brokering services* - EGU Vienna, Austria, April 29th

2013 Splinter meeting for the environmental research infrastructure community, Co-Organizer: **Ketil Koop-Jakobsen**, *F* EGU Vienna, Austria, April 11th

2011 Workshop/Course, Organizer: **Ketil Koop-Jakobsen**, *Use of in situ sensor technology in marine research -A field course*, AWI Sylt, Germany September 4-9th.

2010 Workshop/Course, Organizer: **Ketil Koop-Jakobsen**, “*Sensor technology in marine research A course in general use and data analysis*”, Max Planck Inst. Bremen, Germany August 23-27th.

INVITED GUEST-SEMINARS, WEBINARS AND LECTURES

2021 Title: “Carbon storage in Wadden Sea seagrasses and salt marshes”. Seminar series for Helmholtz Klimainitiative (HI-CAM), Online

2021 Title: “Techniques for Spatiotemporal investigations of rhizosphere processes” - Seminar series for Hamburg University's research training group 'Biota-mediated Effects on Carbon Cycling in Estuaries'

2021 Title: “Searching for solutions for Carbon sequestration in coastal ecosystems” HELCOM Workshop on Blue Carbon in the Baltic Sea region

2021Title: “Why do plant-sediment interactions in salt marshes affect ecosystem services?” 2nd Themeday NCK-Waddenacademie Webinar

2019 Title: “New developments in the field of Persistent Identifiers” Joint webinar FREYA and OpenAIRE. webinar

2019 Title: “The PID Graph and its Potential: Extending Persistent Identifiers for Research Data” Research data Canada – Webinar

2018 Title: “*GEOSS Mirror & GEOSS*”

Proposal reviews: National Science Foundation

SUPERVISION

PhD student Peter Mueller, Group of applied plant ecology, Hamburg University. (Co-supervision)

PhD student Nikola Lenzewski, Group of applied plant ecology, Hamburg University (Co-supervision)

PhD student Dirk Granse, Group of applied plant ecology, Hamburg University (Co-supervision)

PUBLIC OUTREACH ACTIVITIES:

Science Slam - Norddeutschen Vertretung bei der Europäischen Union – Brussels, Belgium August 23rd 2017.

Newspaper a public newspaper article about testing underwater robotics for seafloor investigations in fjords and estuaries. Roskilde Dagblad, Sep. 12th 2014, Denmark

Interview article in International Innovations - Environment Dec 2012, p 12-1