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**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 23<sup>rd</sup> 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 24<sup>th</sup> (full day)

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

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

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

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

**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 23-27<sup>th</sup>.

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**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

**2021** Title: “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*”

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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