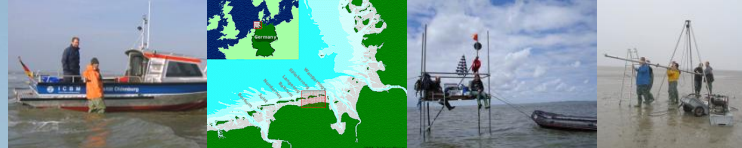




*First Circular*



*Final Symposium*

**Research Group**

# BioGeoChemistry of Tidal Flats

*Delmenhorst (Germany)*

*May 19-20, 2009*

## BioGeoChemistry of Tidal Flats

The **Research Group on BioGeoChemistry of Tidal Flats** was established in 2001 and funded by Deutsche Forschungsgemeinschaft (DFG). The project approaches its end in 2009 after eight years of successful research. In order to address the state of the art in the field of biogeochemistry in coastal zones, a symposium will be held on **May 19-20, 2009**. It is intended to not only summarize achievements in our project, but also will emphasize other research activities in the Wadden Sea and related coastal zones as well as future research needs in times of global change.

### Topics

The work of the research groups has mainly concentrated on the backbarrier tidal flat area of the island of Spiekeroog and aimed at a fundamental understanding of important processes in a tidal flat system in general. The symposium, among others, will cover the following themes:

- Aggregation and dynamics of suspended particles
- Biogeochemical transformations on suspended particles, at the sediment-water interface and in sediments
- Exchange processes between Wadden Sea and North Sea via modeling, in-situ measurements and remote sensing data analysis
- Hydrodynamics and morphology
- Material budgets in tidal flat areas
- Modeling of transport processes and microbial transformation
- Permeable sand flats as bioreactors
- Pore water dynamics
- Sources and fate of organic matter.

Please, fill out the attached form and return it to stay informed, to register or to announce a contribution. A second circular containing more details of the symposium and a draft program will be distributed later.

### Venue

The symposium will be held in Delmenhorst at the **Hanse-Wissenschaftskolleg (HWK), Institute for Advanced Study**. HWK is a non-profit institution with the primary objective of augmenting the nationally and internationally recognized research potential of the universities and research institutions in the region, especially the Universities of Bremen and Oldenburg.

HWK promotes disciplinary and interdisciplinary collaboration among highly qualified scholars (fellows) from all over the world and scientists, both at national and international levels. In the last 10 years, HWK has hosted a total of 275 scientific fellows. The activities of HWK mainly focus on Marine and Climate Research, Neurosciences and Cognitive Sciences, Social Sciences, and Materials Sciences. Further, HWK conducts about 20 international scientific conferences per year.

HWK is located between Bremen and Oldenburg and can be reached easily by public or individual transport. For details of travelling and accommodation possibilities please refer to the HWK homepage:

[www.h-w-k.de](http://www.h-w-k.de) (>Contact > Journey)



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