



## Biogeochemistry of tidal flats and beaches of the southern North Sea coast (Wadden Sea)

August 10 – 24, 2013 · Spiekeroog/Wilhelmshaven/Oldenburg (Germany)



The Institute for Chemistry and Biology of the Marine Environment (ICBM), University of Oldenburg (Germany), will organise a summer school dealing with different aspects of the biogeochemistry of coastal areas and in particular the Wadden Sea, one of the largest tidal systems world-wide and UNESCO World Heritage since 2009.

The scientific programme comprises excursions, sampling, lab work using up-to-date analytical instrumentation, and lectures concerning different topics of coastal research.

The main scientific topics are:

- Pore water and sediments
- Molecular and optical analysis of dissolved organic matter
- Nutrients and trace metal dynamics
- Microbial communities and activities within sediments
- Statistical interpretation of complex data sets
- Development of the tidal flat system of the southern North Sea
- Excursions by research boats, car, and on foot (tidal flats, landscape history and climate, ecology)

### Who should apply?

The summer school aims at young scientists with a background in marine or environmental natural sciences of all disciplines (mainly at PhD student level, but also young post-docs and advanced master students).

Send your application **until April 14, 2013** by e-mail to [icbm-summer-school2013@uni-oldenburg.de](mailto:icbm-summer-school2013@uni-oldenburg.de) (informal as pdf file, including a CV and a motivation letter).

Please visit our web site for further information:  
[www.icbm-summer-school2013.uni-oldenburg.de](http://www.icbm-summer-school2013.uni-oldenburg.de)

Contact:

ICBM Summer School 2013 - Dr. Jürgen Köster

ICBM - University of Oldenburg

Tel. +49-(0)441-798 3350

[icbm-summer-school2013@uni-oldenburg.de](mailto:icbm-summer-school2013@uni-oldenburg.de)



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