



## Welcome to the third ICBM Alumni Newsletter



Institute for Chemistry  
and Biology of the Marine  
Environment (ICBM)

### ICBM ALUMNI NETWORK

Dear ICBM Alumni,

The third newsletter contains a new section. From now on, alumni have the opportunity to report on their work and introduce their current job field. In the future, further fireside chats are planned, to which we warmly invite alumni and doctoral candidates. We wish you nice Easter Holidays

Your Ferdinand Esser

### SELECTED RESEARCH ACTIVITIES

#### [Greenhouse Gas Carbon Dioxide Retained in Deep Southern Ocean During Last Ice Age](#)



Katharina Pahnke, slicing a sediment core from the South Pacific. [Photo: K. Pahnke, ICBM]

During the last glacial period, carbon dioxide has been "locked up" in the deep Southern Ocean. Current findings of scientists from Oldenburg and Bremerhaven, published in the recent issue of Science magazine, point at favourable conditions in the South Pacific. A team around geochemist Katharina Pahnke, who heads the Max Planck Research Group for Marine Isotope Geochemistry at the ICBM, presents evidence that the Southern Pacific must have been strongly stratified during the last Ice Age .

#### TOPICS OF THIS ISSUE

- Selected research activities
- IYOR 2018 starts in Germany
- Ems-Scheldt-Workshop at HWK
- ICBM @ Twitter
- Look and Sea new ICBM page
- Third ICBM PhD Day
- Fire side chats at ICBM
- **News from the ICBM Alumni Network**

### IYOR 2018 STARTS IN GERMANY WITH PARTICIPATION OF ICBM

#### [ICBM on the „BOOT“ in Düsseldorf](#)

The German branch of the 3rd International Year of the Reef (IYOR 2018) has been officially opened on 28 January in Dusseldorf, Germany during the trade fair „boot“. On this occasion, the ICBM was represented by Prof. Dr. Peter Schupp, head of the research group Environmental Biochemistry at the Institute. For several years, Schupp and his group have been investigating different aspects of reef-forming corals.



Opening of German branch of the International Year of the Reef (IYOR 2018) at the trade fair "boot" in Dusseldorf. From left to right: Prof. Dr. Ralph Schill, VDST; Marina Schiller, Uni Bochum; Prof. Dr. Helmut Schuhmacher, Univ. of Duisburg-Essen; Prof. Gert Wörheide, LMU München; Dr. Sebastian Ferse, ZMT Bremen; Prof. Peter Schupp, Univ. of Oldenburg, Prof. Reinhold Leinfelder, FU Berlin; Anna von Boetticher, Moderator.

## NEW—The ICBM on Twitter

The ICBM has its own appearance on Twitter. Under the account

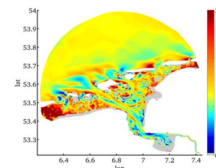


[@ICBM\\_uol](#) all tweets are collected. Likewise, the EcoMol doctoral program "The Ecology of Molecules" has made an appearance at: [@EcoMol\\_ICBMuol](#)  
The interdisciplinary "Planktotron project" can be reached via [@Planktotrons](#) or the "Coastal ocean darkening project" via [@CoaOceDar](#)  
The newly founded Helmholtz Institute for Functional Marine Biodiversity has the hashtag [@HIFMB\\_OL](#).

## ABOUT THE ICBM

### [Ems Scheldt workshop](#)

About 40 representatives from science, companies, authorities and environmental associations met in February in a new edition of the Ems Scheldt workshop at the Hanse-Wissenschaftskolleg. Organized by Thomas Badewien (ICBM), Henk Schuttelaars (TU Delft) and Yves Plancke (Flanders Hydraulics Research Antwerp), the event brought together scientists and end users of scientific research to learn about the current state of flux, turbidity and sedimentation in the rivers Ems and Scheldt.



## LOOK AND SEA

The ICBM website has been redesigned, the new section "[Look and Sea](#)" informs all scientists, doctoral candidates, students, and the general public about a variety of topics related to the ICBM. Also new are the sites for the [early career scientists](#), doctoral students at the ICBM.

## THIRD PHD DAY AT ICBM

The third ICBM PhD day took place at the Wilhelmshaven site of the ICBM on 21 March. The doctoral candidates exchanged experiences and ideas and deepened contacts. For this purpose they also profited from so-called elevator pitches, short talks, typically given in the time span of an elevator ride. As usual in the scientific community, the entire event was held in English.



The participants of the ICBM PhD day in front of the Wilhelmshaven ICBM building  
[Photograph: S. Riexinger, ICBM]

## FIRESIDE CHATS

As we are planning more fireside chats in 2018, you are cordially invited to take part as guests. The format of the fireside chat is aimed at doctoral candidates and postdocs of the ICBM. The fireside chats provide an opportunity to meet representatives of small groups, e.g. to meet outside of science and to get to know a variety of different career perspectives.

## NEWS FROM THE ICBM NETWORK

Name	Hanna Ruppertsberg
PhD Graduation (Year)	2017
Working Group at ICBM	General & Molecular Mikrobiologie, Prof. Dr. Ralf Rabus
Academic Career	B. Sc. Chemistry /Biology und M. Sc. Microbiology PhD Programme "Environmental Science and Biodiversity" at University of Oldenburg (ICBM)
Current Work Position	Volunteer in the specialist editorial office
How did you come to your present activity? What do you like most about your job?	Through the application portal "Stepstone" I became aware of the job advertisements of Georg Thieme Verlag. Tasks are the supervision of new editions of various textbooks and textbooks for physicians, as well as the participation in "ViaMedici", an online learning portal for (animal / dental) medical students. I like making knowledge accessible. Rework content for relevant target groups and thus contribute to knowledge transfer.
What trends and changes do you see for your department, line of business or industry sector?	Even though the traditional textbook is still very much used in (medical) teaching, the trend is towards online availability of knowledge.
What employees does your department, line of business or industry sector need in their opinion?	Versatile interested, hard-working, open and creative people of different disciplines.
Contact	hanna.ruppertsberg@thieme.de



## Imprint:

Institute for Chemistry and Biology of the Marine Environment (ICBM)  
Carl von Ossietzky University

Dr. Ferdinand Esser  
Carl-von-Ossietzky-Straße 9-11  
26129 Oldenburg

Phone: +49 (0)441-798-5342  
Fax: +49 (0)441-798-3404  
Email: [icbm@uol.de](mailto:icbm@uol.de)



## If you have comments:

Please contact us if you have questions or further suggestions:

[ferdinand.esser@uol.de](mailto:ferdinand.esser@uol.de) or  
[icbm-alumni@uol.de](mailto:icbm-alumni@uol.de)