

**Baltic Earth workshop on  
“Challenges for biogeochemistry research in the Baltic Sea Region”**

**13 November 2013**



*Institute of Oceanology  
Polish Academy of Sciences (IO PAN)  
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**Agenda**

- 09:00 Welcome by the Host of the Meeting**  
*Janusz Pempkowiak, Director of IO PAN*  
*Karol Kulinski*
- 09:10 Introduction to Baltic Earth**  
*Markus Meier, Baltic Earth ISSG Chairman*
- 09:20 Introduction and scope of the workshop**  
*Gregor Rehder*
- 09:35 Biogeochemical Transformations across the Land-Sea Interface**  
*Daniel Conley*
- 09:55 Biogeochemical transformation processes along lateral gradients**  
*Christoph Humborg*
- 10:15 Understanding the Baltic Sea nutrient cycling**  
*Kari Eilola*
- 10:35 Coffee break**
- 11:00 Dissolved organic matter – a missing component in the acid-base system**  
*Karol Kulinski*
- 11:20 Experimental evidence for biogeochemical process parameterizations**  
*Bernd Schneider*
- 11:40 Ecosystem model ERGOM - strengths and weaknesses**  
*Thomas Neumann*
- 12:00 Towards an improved benthic biogeochemistry description in ecosystem modelling: challenges and potential solutions**  
*Andy Dale*
- 12:20 Challenges for biogeochemical modeling on centennial time scales**  
*Markus Meier*
- 12:40 Lunch**
- 13:40 Open discussion and brainstorming**  
*moderated by Gregor Rehder*
- 16:00 End of the meeting**