



ISOS Course

# Making Sense of Earth System Science: How to Perceive the Whole in the Sum of its Parts

Prof. em. Victor Smetacek

Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Bremerhaven, Germany

**17 May 2017 | 9:00-17:00**

Biological Oceanography covers all aspects of life in the oceans; how it is affected by and affects the entire range of oceanographic processes – physical oceanography, biogeochemical cycles, evolution of life on earth and the geological record. No matter whether you model physical, atmospheric or geological processes, measure trace gasses or work with climate change – you must know how this affects the oceans biota as a whole.

*Victor Smetacek is one of the big thinkers in oceanography of our generation, and will spend a few hours talking to young researchers of ALL DISCIPLINES, making biological oceanography relevant to you all, and answering your questions and putting your research in a larger context.*

All doctoral candidates and Master students will find this relevant. You need no prior specialised knowledge.

**Venue:** large conference room, GEOMAR Westshore (Düsternbrooker Weg 20)

*ISOS candidates have priority in our courses.*

*Child care can be provided if we have two weeks advance notice.*



Please register online at  
[www.futureocean.org/isos](http://www.futureocean.org/isos)



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