

# **Ökosystemmodelle und ihre Anwendung auf das Benguela-Auftriebsgebiet**

**GENUS, 24. Juni 2009, IOW**

9:30 Bodo v. Bodungen  
**Address of welcome**

9:35 – 10:15 Martin Schmidt, IOW  
**Introduction of basic concepts for ecosystem modelling:**

10:15 – 10:35 Volker Mohrholz, IOW  
**Direct coupling of physical conditions to the state of the Benguela ecosystem**

10:35 – 10:50  
**Coffee, Discussion**

10:50 – 11:15 Martin Schmidt, IOW  
**A coupled biogeochemical model of the Southern Atlantic – design and results**

11:15 – 11:35 Thomas Neumann, IOW  
**State-resolving descriptions of zooplankton**

11:35 – 12:00 Holger Auel, Uni Bremen  
**Application of the model system „ECOPATH“**

12:00 – 13:00  
**Lunch**

13:00 – 13:30  
**What about fish? New concepts for the description of fish stock dynamics**

13:30 -15:00 NN (All participants should contribute here)  
**Challenges for ecosystem models of Benguela upwelling system  
Interplay ERGOM – ECOPATH, Data exchange for the different model groups**

15:00 – 15:30  
**Coffee, Discussion**

15:30 – 16:00 Martin Schmidt, IOW  
**Presentation of an LAS-Server as a tool for data dissemination**