

SCOR WG-131: The Legacy of in situ Iron Enrichment Experiments - Data Compilation and Modeling – launch of the WG131 database

Philip Boyd (co-chair of this WG) and Cyndy Chandler (BCO-DMO, , Biological and Chemical Oceanography Data Management Office, <http://www.bco-dmo.org/home>, Woods Hole Oceanographic Institution) will host a workshop on **February 21st 2010 (1400 – 1700 h)** to launch the recently compiled database of mesoscale open-ocean iron enrichment experiments from IronEX 1 to SEEDS II. The launch of this database will take place on the **Sunday prior to the AGU/ASLO Ocean Sciences meeting at the Clackamas Room in the Marriott Hotel, Portland Downtown/Lloyd Center, 435 NE Wasco Street Portland, OR 97232, (a few blocks from the Ocean Sciences convention venue, www.marriott.com/pdxcl).**

This relational database resides at BCO-DMO and will enable inter-comparisons of data between experiments conducted in the HNLC waters of the Southern Ocean, Equatorial and Subarctic Pacific. We hope that this will stimulate exciting and novel opportunities for data synthesis and modeling, from 1-dimensional biological models through to complex 3-dimensional ocean biogeochemical models. The workshop will commence with presentations from Cyndy and Philip, followed by some feedback reports from some of the modeling community regarding the utility of this database. We will then have a question and answers session, and will open the meeting to any scientists who wish to show a few summary slides on any ongoing modeling activities related to ocean iron enrichments and biogeochemistry. Our aim is to use this launch as a platform for planning a modeling/synthesis workshop in 2011.

The database can be accessed prior to the meeting as follows:

text based access: <http://osprey.bcodmo.org/program.cfm?flag=view&id=10>

or GIS interface (some Iron Synthesis projects are compatible with this - others lack sufficient information)

<http://mapservice.bco-dmo.org/maps-bin/global/map>

select FeSyn as the program name

and then find the project and cruise of interest

best to try SOIREE first - as it has the most complete geographic data

Please contact Philip (pboyd@alkali.otago.ac.nz) or Cyndy (cchandler@whoi.edu) if you have any further queries or would like to give a short presentation.