

In preparation of the SCOR Coordination Meeting, Venice, 23-24 September 2004

IMAGES (International Marine Global Change Study)

Marine program of IGBP-PAGES, affiliated to SCOR in 1995)

Background Information and Questions:

Project Data Management: IMAGES is actively involved in the discussion of ongoing and future data management. At the data management meeting, the IMAGES concept of data management has been taken as one example for a potential way of making progress in terms of data management in such projects.

IMAGES-GOOS Interaction: No official interaction between IMAGES SC and GOOS so far. Observations from GOOS needed, physical and chemical as well as biological conditions monitored in long-term surveys for better paleoproxy calibration.

Southern Ocean: Southern Ocean Research will be the IMAGES topic in the next 2 years. The IMAGES working group "Southern Ocean" has identified and proposed several core transects across the frontal systems in the Atlantic, Indian and Pacific parts of the southern ocean for CALYPSO (giant piston corer) coring at high sedimentation sites. Attempts have been made to coordinate with the IODP program and the IMAGES scientists involved in this IMAGES southern ocean campaign have intimate collaboration with the international JGOFS and WOCE community. IMAGES of course can contribute to the 3rd International Polar Year, pending on successful cruises in 2005 and 2006 and their financial support.

Time series stations: The implementation of the new IMAGES SCOR Working group 124 LINKS (Present Oceanic Processes and Paleorecords) will require intimate collaboration with new monitoring and time series station programs in coastal and open ocean settings, however the IMAGES program itself will not attempt to run such programs.

Environmental Assessment: The IMAGES program serves with paleoenvironmental data and paleoclimatic reconstructions to projects like MOTIF or PMIP for data model comparison studies which are involved in the next IPCC reporting process.