

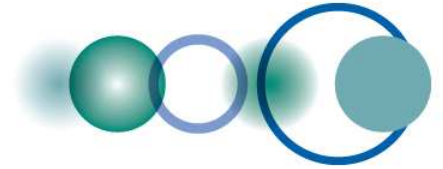
***GEO Capacity Building Committee
11th Meeting***

**ITC, Enschede, The Netherlands
21-22 January 2010**

**Capacity Building OAT CB-09-03
Building Institutional Capacity to USE EO**

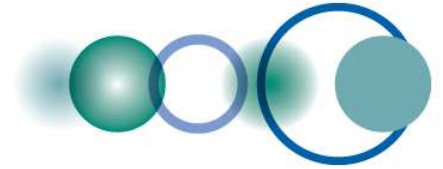
**Alan EDWARDS
EUROPEAN COMMISSION
Research Directorate General
Environment - RTD.I
Management of Natural Resources – RTD.I.4**





CB-09-03

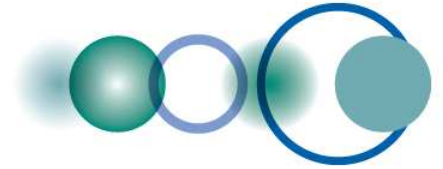
- **Coordinate, strengthen and sustain existing capacity building networks within Earth observation communities. As appropriate facilitate the construction of new networks.**
- **a) Building National and Regional Capacity**
Led by Netherlands (ITC, mannaerts@itc.nl)
- **b) Establishing Regional Capacity Building Networks**
Led by Netherlands (ITC, mannaerts@itc.nl)
- **d) Building Capacity for Operational Oceanography**
Led by Denmark (DMI, js@dmi.dk) and IOC/GOOS



CB-09-03

2009-2011 Work Plan Progress Report to GEO-VI

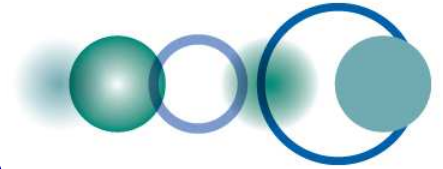
- Progress was made in strengthening and coordinating existing capacity-building networks needed to improve the utilization of Earth information, products and services across regions and disciplines. The global network of operational oceanography is a good example of the achievements to date. Stronger synergies are required between activities addressing national & regional capacity building networks.



CB-09-03: sub-task d)

Building Capacity for Operational Oceanography

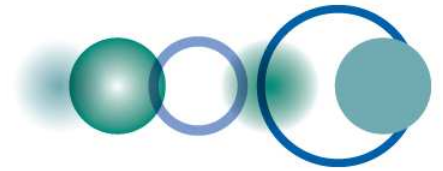
- Description and objective of subtask
 - Facilitate ocean data sharing and use by stimulating global cooperation on operational oceanography, especially in developing countries.
- Goals, outcomes, outputs
 - A global network of operational oceanography
 - Strategy for developing national operational oceanography programs in an international environment
 - Demonstration of regional sea operational ocean-wave forecasting systems through GEO cooperation



CB-09-03: sub-task d)

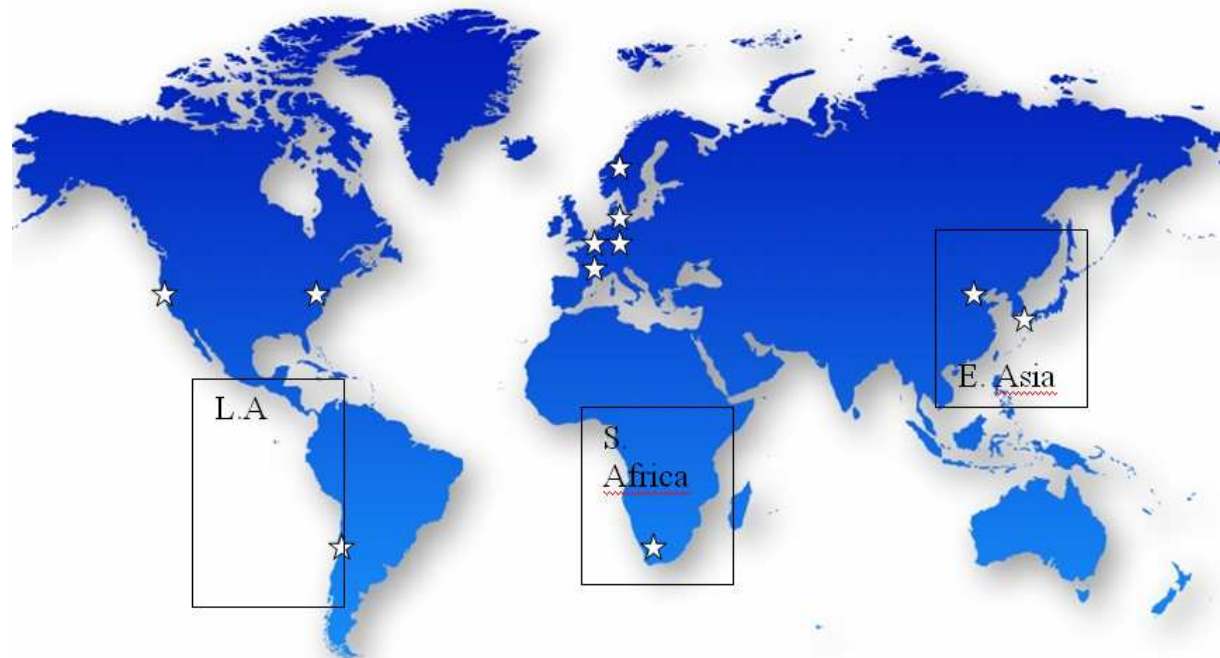
Building Capacity for Operational Oceanography

- The Danish Meteorological Institute (DMI) stimulated capacity building in operational oceanography through sharing of knowledge and experience in countries where it is non-existent or not yet mature.
- Progress was made on developing a Yellow Sea weather-ocean-wave forecasting system as a result of the EC-supported Yellow Sea Observation, forecasting and information System (YEOS – see <http://ocean.dmi.dk/yeos/>).
- A **global network of operational oceanography** focused on capacity building was established, with involvement from major operational and research centres from Chile, China, Denmark, France, Germany, Republic of Korea, Norway, South Africa and USA, and IOC/GOOS.



CB-09-03: sub-task d)

- A global network of operational oceanography capacity building



Co-lead: DMI, IOC/GOOS

**Partners: NOAA, JPL, UDEC, CSIR, MERCATOR-Ocean, NERSC,
GKSS, IAPCAS, KORDI**