NETMAR

Open Service Network for Marine Environmental Data
Splinter session SPM1.1 (Weds 25th April 2012, 13:30-15:00. Room SM5)

NETMAR aims to develop a pilot European Marine Information System (EUMIS) for searching, downloading and integrating satellite, in situ and model data from ocean and coastal areas. It will be a user-configurable system offering flexible service discovery, access and chaining facilities using OGC, OPeNDAP and W3C standards. It will use a semantic framework coupled with ontologies for identifying and accessing distributed data, such as near-real time, forecast and historical data. EUMIS will also enable further processing of such data to generate composite products and statistics suitable for decision-making in diverse marine application domains.

At this public splinter meeting, we present the results of our project.

1. NETMAR Overview	Adam Leadbetter, NERC
2. User interaction and pilot studies	Torill Hamre, NERSC
3. Building the system architecture	Anthony Patterson, CMRC
4. What faceted search and ontologies have done for us	Cyndy Chandler, BCO-DMO, Woods Hole
5. Building the NETMAR semantic resource	Adam Leadbetter, NERC
6. Why worry about uncertainty	Dan Cornford, Aston University
7. NETMAR services	Jorge de Jesus, Plymouth Marine Lab.
8. Demonstrations	