Break out session on ocean analyses

Reading, ENSEMBLES, June 8th 2006

- **Diagnostics on decadal variability in ECMWF's analyses (Magdalena Balmaseda)**

- **Quality control of ocean T and S profiles for ENSEMBLES (Bruce Ingleby)**

- **Outstanding issues**
    - **OPA/NEMO analyses**
    - **Stream 2 ocean analyses**
    - **Archiving conventions**
    - **Others ?**

- **Further plans of partners**

Don't forget to look at posters

Outstanding issue: OPA/NEMO analyses

- **OPA/NEMO is used by several partners (CERFACS, ECMWF, CNRM, INGV, KNMI)…**

- **… in two main configurations: OPA8 and NEMO/OPA9, sharing basically the same physics, the same grid etc…**

- **=> Need to ensure that tools developed are shared by all partners:**
  - ◆ **e.g. CERFACS is willing to initialise NEMO with OPA8 3D-Var analyses: will centralise/develop conversion tools**
  - ◆ **e.g. interpolation suite to put OPA outputs in ENACT/ENSEMBLES format**

- **CERFACS is open to share Stream 2 analyses**

Outstanding issue: Stream 2 ocean analyses

- **How many partners in WP1.3 will produce ENACT-like ocean reanalyses (1964-2004) ?**

- **Two options:**
  - ◆ **Reanalyses closely following the ENACT protocol (common forcing, spin up procedure, restoring choices,…), allowing to make rigorous comparison**
  - ◆ **Reanalyses loosely following the ENACT protocol**

Preparation of the next DIP

Outstanding issue: archiving matters

- **Reanalyses will be archived at ECMWF on the ECFS storing system**

- **All partners have to interpolate their original data on the ENACT grid (see web site http://www.ecmwf.int/research/EU_projects/ENSEMBLES/)**

- **Cf Paco Doblas-Reyes discussion on this matter later in the session**