

SANGOMA WP4: benchmark

Lead: CNRS/LEGI

SANGOMA kick-off meeting – November 24-25, 2011

WP4 objectives

Comparison and assessment of impacts of assimilation methods on systems of different complexity:

- 1) Small case benchmark: Lorenz-40 model**
- 2) Medium case: double-gyre NEMO config**
- 3) Large case: North-Atlantic 1/4° NEMO/LOBSTER**

WP4 tasks

4.1 Detailed specification of benchmarks

4.2 Definition of metrics

4.3 Running benchmarks with existing DA tools

4.4 Running benchmark with new DA tools

**4.5 Diagnostic of non-Gaussian behaviours in the
large case benchmark**

4.6 Running the large case benchmark

Proposition for WP4 agenda

1. Distribution of NEMO configurations:

within 3 to 6 months

**2. First evaluation of the various systems
by all SANGOMA partners**

3. First meeting on the specification of benchmarks:

within 1 year (possibly in Grenoble)