

# SANGOMA: Stochastic Assimilation for the Next Generation Ocean Model Applications EU FP7 SPACE-2011-1 project 283580

Deliverable 2.2:

Software codes on SVN (continuously)

Due date: 31/10/2015

Delivery date: 30/10/2015

Delivery type: Report, public



Lars Nerger      Paul Kirchgessner  
Alfred-Wegener-Institute, GERMANY

Arnold Heemink      Nils van Velzen  
Martin Verlaan      M. Umer Altaf  
Delft University of Technology, NETHERLANDS

Jean-Marie Beckers      Alexander Barth  
University of Liège, BELGIUM

Peter Jan Van Leeuwen      Sanita Vetra-Carvalho  
University of Reading, UK

Pierre Brasseur      Jean-Michel Brankart      Guillem Candille  
CNRS-LEGI, FRANCE

Pierre De Mey  
CNRS-LEGOS, FRANCE

Laurent Bertino  
NERSC, NORWAY



## Chapter 1

# Software codes – the SANGOMA tools

The purpose of workpackage 2 of SANGOMA was the sharing and collaborative development of data assimilation tools. The work resulted in a set of 50 tools, the 'SANGOMA tools'. The tools have been uploaded to the source code repository using the source code versioning system 'subversion' (svn). The repository was generated as a project at SourceForge at <http://sourceforge.net/projects/sangoma/> to ensure the public availability of the tools also beyond the SANGOMA project. The tools have been uploaded during the course of the project as soon as a tool was ready to distribute.

Bundled versions of the tools have been prepared as releases and have been made available on the SANGOMA web site <http://www.data-assimilation.net> as well as on the web site at SourceForge (<http://sourceforge.net/projects/sangoma/>). Overall, three releases have been prepared. The final release (V2) includes the tool set developed until the end of the SANGOMA project.

The tools are documented in several deliverables of SANGOMA. The documentation of all tools included in the final release of the SANGOMA tools is provided by [Deliverable 2.5](#). The installation instructions are included in the tool set itself, but also [Deliverable 6.14](#) contains the installation instructions. All tools are coded according to the SANGOMA data model that has been documented in [Deliverable 1.3](#).