

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

Deliverable 6.1: Web pages V1 report

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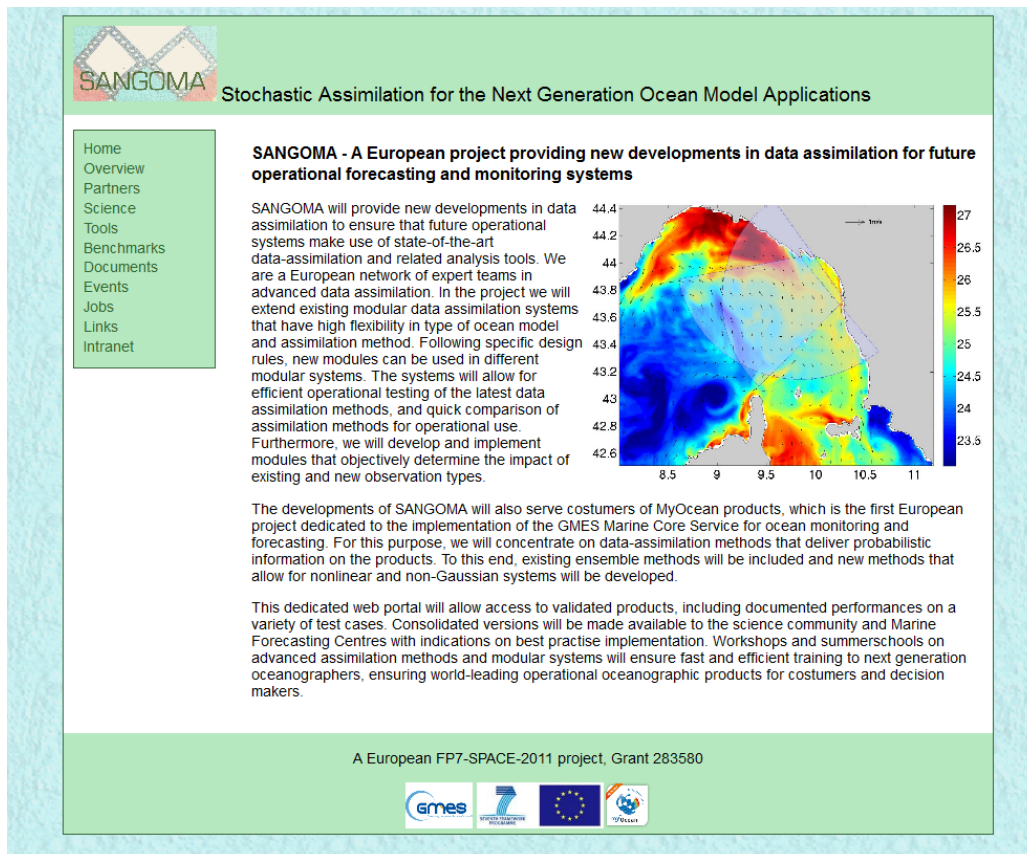
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Chapter 1

Content

Note: Obviously we are not going to include in the present report screenshots of the whole Web site of Sangoma <http://www.data-assimilation.net/> but to indicate only the overall structure and content. It should also be noted that the Web design was based on the target users which are mostly scientists. Therefore the design was kept functional and clearly structured. The web page content is shared also via SVN so that each partner can easily contribute to the contents which are then updated on the web server.

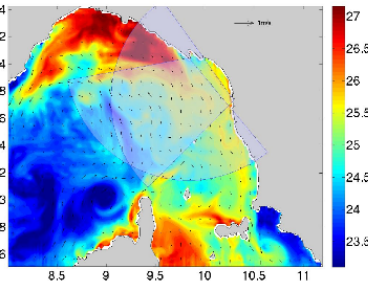


SANGOMA Stochastic Assimilation for the Next Generation Ocean Model Applications

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- Overview
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- Documents
- Events
- Jobs
- Links
- Intranet

SANGOMA - A European project providing new developments in data assimilation for future operational forecasting and monitoring systems

SANGOMA will provide new developments in data assimilation to ensure that future operational systems make use of state-of-the-art data-assimilation and related analysis tools. We are a European network of expert teams in advanced data assimilation. In the project we will extend existing modular data assimilation systems that have high flexibility in type of ocean model and assimilation method. Following specific design rules, new modules can be used in different modular systems. The systems will allow for efficient operational testing of the latest data assimilation methods, and quick comparison of assimilation methods for operational use. Furthermore, we will develop and implement modules that objectively determine the impact of existing and new observation types.



The developments of SANGOMA will also serve costumers of MyOcean products, which is the first European project dedicated to the implementation of the GMES Marine Core Service for ocean monitoring and forecasting. For this purpose, we will concentrate on data-assimilation methods that deliver probabilistic information on the products. To this end, existing ensemble methods will be included and new methods that allow for nonlinear and non-Gaussian systems will be developed.

This dedicated web portal will allow access to validated products, including documented performances on a variety of test cases. Consolidated versions will be made available to the science community and Marine Forecasting Centres with indications on best practise implementation. Workshops and summerschools on advanced assimilation methods and modular systems will ensure fast and efficient training to next generation oceanographers, ensuring world-leading operational oceanographic products for costumers and decision makers.

A European FP7-SPACE-2011 project, Grant 283580



1.1 Overview

Contains the summary of the project and a collection of more detailed slides.

1.2 Partners

Maintains the list of scientists involved in the project.

1.3 Science

Will include highlights in scientific outcomes of the projects. For the moment it includes the report on state of the art.

1.4 Tools

As the tools are developed using sourceforge, we provide the link to the relevant page as well as a link to external resources of interest for data assimilation.

1.5 Benchmarks

Provides access to benchmarks definition and codes.

1.6 Documents

Includes all deliverables (also updated versions of living documents), list of publications of Sangoma (collecting automatically information from the OpenAire repository which harvests publications which mention Sangoma as financing project) and newsletters.

1.7 Events

Shows information on project meetings or workshops (including copies of the presentations).

1.8 Jobs

Used to announce job opportunities at the partners' locations.

1.9 Links

Maintains a list of links to data bases, data assimilation tools, netCDF relevant tools, DA projects and reference books on DA.

1.10 Intranet

Gives access (with password protection) to confidential deliverables, internal documents, templates etc.



The screenshot shows the SANGOMA intranet website. The header features the SANGOMA logo and the title "Stochastic Assimilation for the Next Generation Ocean Model Applications". A left sidebar contains a navigation menu with links: Home, Overview, Partners, Science, Tools, Benchmarks, Documents, Events, Jobs, Links, and Intranet. The main content area is titled "SANGOMA intranet" and includes several sections:

- Useful links for project management**
 - [EU participants portal](#): Make sure you have your ECAS access ready. Then SANGOMA should appear in your menu.
 - [EU documents](#)
- Sangoma project related internal documents**
 - [EU officer presentation at the kick-off meeting](#)
 - [EU officer presentation for coordination](#)
 - [Description of Work \(DOW\)](#)
 - [Consortium Agreement \(CA\)](#)
- Templates**
 - Logos and LaTeX templates can be found on [Sangoma sourceforge repository](#)
- Forum**
 - Science and developpers discussion forum are also on [Sangoma sourceforge forum](#). Make sure you looged in at sourceforge to see the project internal Sangoma forum.
- Confidential deliverables**
 - [D5.9](#) (20/07/2012): Agreement with myOcean2
 - [D7.1](#) (9/12/2011): Steering committee meeting 1
 - [D7.5](#) (20/05/2012): Information exchange tools
 - [D7.6](#) (20/05/2012): Dissemination plan
- Videoconferences**
 - [Data model, may 2012](#)
- Other documents**
 - [Sangoma Google docs repository](#)
 - [Local copy of FP7 Space Research brochure EYE ON SPACE](#)
 - [Presentation at GMES coordination meeting \(24/05/2012\)](#)

At the bottom, it states "A European FP7-SPACE-2011 project, Grant 283580" and displays logos for GMES, the 7th Framework Programme, the European Union, and myOcean2.

Chapter 2

Plans

- The pages will be maintained with documents deliverables etc uploaded whenever available, in particular the living documents will reflect the actual state of the document (The deliverables on the EU ECAS site cannot be updated and are those of the first version).
- A way to get feedback from users outside of SANGOMA will be implemented.