



Seventh Framework Programme  
Theme 9 Space FP7-SPA.2009.1.1.02  
Monitoring of climate change issues (extending core service activities)

Grant agreement for: Collaborative Project (generic).  
Project acronym: **MONARCH-A**  
Project title: **MONitoring and Assessing Regional Climate change in High latitudes and the Arctic**  
Grant agreement no. 242446  
Start date of project: 01.03.10  
Duration: 36 months  
Project coordinator: Nansen Environmental and Remote Sensing Center, Bergen, Norway

**D2.1.1 Data. Gridded time series of sea level data since 1992 from altimetry and since 1950 from reconstructions methods over 50 years.**

Due date of deliverable: 31.06.2011  
Actual submission date: 08.07.2011  
Organization name of lead contractor for this deliverable: CNRS

Project co-funded by the European Commission within the Seventh Framework Programme, Theme 6 Environment		
Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission)	
RE	Restricted to a group specified by the consortium (including the Commission)	
CO	Confidential, only for members of the consortium (including the Commission)	

<b>ISSUE</b>	<b>DATE</b>	<b>CHANGE RECORDS</b>	<b>AUTHOR</b>
0	08/04/2011	Template	K. Lygre
1	08/07/2011	Complete	CNRS
2	23/08/2011	Changed file name	K. Lygre

## SUMMARY

### Deliverables n°2.1.1 :

- **File "LEGOS-CLS\_tide\_gauges\_time\_series.zip"** : 65 good quality records from PSMSL, monthly data in ASCII files (.dat), corrected from Glacial Isostatic Adjustment (Ice-5G VM2, Peltier W.R., 2004) and Inverted Barometer, filtered from seasonal cycles and smoothed over 12 months. Person in charge : [Olivier Henry](#) and [Anny Cazenave](#). Read "tide\_gauges\_informations.txt" for informations (coordinates, station name, country, units, ...).
- **File "LEGOS-CLS\_tide\_gauges\_time\_series\_MEANS.zip"** : Means for Norway, Russia and whole Arctic region computed from above tide gauges records, monthly data in ASCII files (.dat), corrected from Glacial Isostatic Adjustment (Ice-5G VM2, Peltier W.R., 2004) and Inverted Barometer, filtered from seasonal cycles and smoothed over 12 months. Person in charge : [Olivier Henry](#) and [Anny Cazenave](#). . Read "tide\_gauges\_informations\_NORWAY.txt", "tide\_gauges\_informations\_RUSSIA.txt" and "tide\_gauges\_informations\_ARCTIC.txt" for informations.

Data sets and metadata resides on NERSC server accessible from <http://monarch-a.nersc.no/node/31> as well as server at CNRS

**MONARCH-A CONSORTIUM**

<b>Participant no.</b>	<b>Participant organisation name</b>	<b>Short name</b>	<b>Country</b>
1 (Coordinator)	Nansen Environmental and Remote Sensing Center	NERSC	NO
2	The University of Sheffield	USFD	UK
3	Universität Hamburg	UHAM	NO
4	Centre National de la Recherche Scientifique	CNRS	FR
5	Scientific foundation Nansen International Environmental and Remote Sensing Center	NIERSC	RU
6	Universitetet i Bergen	UiB	NO
7	Danmarks Tekniske Universitet	DTU	DK
8	Institut Francais de Recherche pour l'Exploitation de la Mer	IFREMER	FR

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