Annual Report Y1

Project Acronym: AMBER

Reporting Period: months 1-12

Gained scientific results during the reporting period

The project AMBER started on January 19, 2009 with a kick-off meeting. Presentations and protocols are given under:

http://www.io-warnemuende.de/amber-kick-off-warnemuende.html

General comment: Due to the introduction of the Bologna Protocol in Germany and the consequence of changing education at universities from Diploma to Bachelor and Master, it was difficult in the beginning to fill the open Ph.D. positions with qualified students. Te result was a delayed start in two German working groups.

Research Cluster A: Time series analyses

WP A1 Updated Data Collections has been finalized in time. A meta data base has been established and grouped into model results, monitoring data and own observations. The meta data base is permanently updated with respect to new model simulations and new observations. Details are given under:

http://www.io-warnemuende.de/amber-metadata.html

WP A2 – WP A4 are ongoing. Various data analyses have been performed and have been presented on the BONUS Annual Meeting in Vilnius. Details are given under:

http://www.io-warnemuende.de/amber-presentations.html

Research Cluster B: Process studies and observations

All WPs are ongoing. Several expeditions with research vessel (r/v Professor Albrecht Penck, r/v Maria S. Merian) and from land (seepage measurements) have been carried out. Detailed descriptions including preliminary results are given in cruise reports and sampling reports:

http://www.io-warnemuende.de/amber-reports.html

The lab analyses are ongoing. First results have been presented (oral and posters) on the BONUS Annual Meeting in Vilnius or on other scientific congresses. Details are given under:

http://www.io-warnemuende.de/amber-presentations.html

Research Cluster C: Spatial river basin – coast – sea interaction

WP C1 Spatial data of Baltic rivers basins has been finalized in time. The GIS maps showing model input data are available under:

http://www.io-warnemuende.de/amber-results.html

All other WPs are ongoing. Various model simulations have been computed in different working groups which are documented in the EPSS WP and deliverable description respectively. Some peer reviewed publications are submitted or accepted:

http://www.io-warnemuende.de/amber-publications.html

Further results have been presented (oral and posters) on the BONUS Annual Meeting in Vilnius or on other scientific congresses. Details are given under:

http://www.io-warnemuende.de/amber-presentations.html

Research Cluster D: Policy and advisory

This research cluster is subject of year 3.

Education

The BONUS+ AMBER workshop "Time Series Analysis and Modelling of Environmental Data" took place from September 13–17, 2009 on the island of Seili in the Finnish Archipelago Sea. A list of participants and teachers and details of the complete teaching program, the presentations and the exercises can be found on:

http://www.io-warnemuende.de/amber-time-series-analysis.html

and

ftp://amber:workshop@ftp.io-warnemuende.de

Comparison with the original research and financial plan

We are following the original research and financial plan.

Statement if the research plan and schedule of deliverables had to be adapted

No adaptation necessary.

Do results of third parties will have influence on the working program?

Not expected.

Are there any changes in the future working plan expected?

No changes expected.

Are there any changes expected for the deliverables?

No changes expected.