

BALTEX Project Identification

1. Title of Project:

Acidification of Coastal waters with reference to the Baltic Sea-Skagerrak marine system

2. Principle Investigator:

PhD Student Moa Edman, Prof. Anders Omstedt, Prof. Leif Anderson

3. Institute: University of Gothenburg, Sweden

Department: Earth Sciences

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4. Duration of the project (at least start date):

2008-08-01--2013-07-31

5. Scientific Objective:

The proposed research aims to increase our understanding of and develop mathematical models for calculating how ocean acidification is being affected by increased atmospheric CO₂ levels, acid rain, and changes in the carbon system of the drainage basin

6. Methodology and Approach:

Numerical modelling and data analyse

7. BALTEX Phase II objective(s) addressed:

Objective 2. Analysis of climate variability and climate change and climate projections.
Objective 4. To analyse and develop CO₂ models for the Baltic Sea

8. Project internet address

www.oceanclimate.se

8.1 Additional remarks

The project is financed by the University of Gothenburg and the Swedish Research Council

9. Communicated by BALTEX SSG member (name):

Anders Omstedt

10. Registered at BALTEX Secretariat