



**ACCESS**  
Arctic Climate Change  
Economy and Society



**Project no. 265863**

**ACCESS**  
**Arctic Climate Change, Economy and Society**

Instrument: Collaborative Project  
Thematic Priority: Ocean.2010-1 “Quantification of climate change impacts on economic sectors in the Arctic”

**D6.32 – Creation and updating of data  
management system – non-climate : Progress  
reports will be integrated in the exploitation  
report**

Due date of deliverable: **31/08/2011**

Actual submission date: **08/12/2011**

Start date of project: **March 1<sup>st</sup>, 2011**

Duration: **48 months**

Organisation name of lead contractor for this deliverable: **NERC**

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## Contents

<b>Project co-funded by the European Commission within the Seventh Framework Programme (2007-2013)</b>		
<b>Dissemination Level</b>		
<b>PU</b>	Public	X
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	

## Introduction

### Background

In accordance with Task 6.3 – Exploitation of Knowledge, the National Oceanography Centre, Southampton, (NOC), representing the Natural Environmental Research Council (NERC, ACCESS Partner 3) has set up a data management system (DMS) to receive, manage, store and make available to users all non-climate data that will be used in the ACCESS project. This DMS has been established to complement a parallel system, managed by Met.no (Partner 11) dealing with all climate-related data.

### Aims and objectives

The NOC data management system is primarily based on using file transfer protocols (ftp) to make available to all relevant ACCESS participants a secure area that each work pack participant can upload their data. The secure ftp area can only be accessed by using a unique ID and password combination.

All data uploaded to the DMS will be catalogued, along with appropriate metadata information, in order to provide a summary of what information is available. These metadata information will be made available to met.no so that a copy of the information stored within the NERC system can readily be made available via the second data management system hosted by met.no.

### Progress to date

The secure ftp has been set-up and secure ID and password generated. These details have been circulated to the work pack leaders, who in turn can circulate these details to whomever they feel requires access to the secure area.

Interoperability issues with the met.no data management are progressing, where, for example, a metadata form has been generated so that all users fill-in their details when uploading their data, information included on search outputs includes details of the data hosted by NOC as well as details relating to the NOC data management included on the met.no website.

### Next steps

To set-up a complimentary web page to that hosted by met.no, where access to the data stored by NOC can be readily accessed via the web.

Where appropriate the data sets provided will also be made available in visual form via the employment of GIS shape files and grids. Such data will have associated metadata as well as hyperlinks to documents relevant to such data. These will comprise the foundation of the GIS element of the Marine Spatial Planning system.