

Data access conditions



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IGN France International

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FOREWORD

The preparation of this report has been undertaken as part of Work Package 2 “EUROPEAN LEVEL DATABASE DESIGN AND IMPLEMENTATION” of EUROSION, a project contracted by the European Commission to a consortium led by the Dutch National Institute for Coast and Sea (RIKZ), for the period 2002 – 2004.

The following people have contributed to the 2nd Draft version of the document.

Hervé PICHON (Work Package 2 leader, IGN FI Project Responsible, Paris)

INTRODUCTION

This document aims at informing EUROSION database user of the current conditions for access, use and dissemination inside and outside the European Commission. Effectively layers currently part of the EUROSION database were integrated using various data sources assuming either restrictions or licensing conditions that are referred to or summarized in this document.

For a clear understanding a table is drawn showing the data sources used for each EUROSION layer. Then source by source the conditions of access, use and dissemination are detailed. For that, data sources have been sorted by categories:

- European Commission, DG Environment and affiliates grouping own EC/DGEnv data integrated (e.g. GISCO layers), already licensed and/or EC funded project or product (e.g. SABE)
- EUROSION made sources and other free sources;
- Private companies products negotiated and licensed.

Reference Documents

available at

Quick Start to EUROSION database
D2.1.1 Inventory Report

<http://www.eurosion.org/reports-online/reports.html>
<http://www.eurosion.org/reports-online/reports.html>

SABE User Guide v2.1
SABE 2001 User Guide

No more available online
<http://www.eurogeographics.org/>

INITIAL DATA SOURCES LIST

Based on the Inventory Report, the following datasets were found useful to be integrated to the EUROSION database. According to data provider data policy licenses have been granted temporarily for IGN France International on behalf of the EUROSION Consortium and for the duration of the EUROSION project keeping Eurostat as the final licensee (in place of the European Commission DGEEnvironment) upon request from the EUROSION consortium member in charge of gathering the data.

EUROSION Layer Name	Data Source Name	Data Provider
Administrative Boundaries		
Terrestrial Boundaries	SABE	Eurogeographics
Maritime Boundaries	UNCLOS texts	United Nations, EUROSION
Shoreline	CCEr, SABE*, WVS, GISCO*	various
Bathymetry	GEBCO	BODC
Elevation		
DTM	MONA PRO Europe©	Geosys Data France
Altimetric_5m_Contour_Lines	none	IGN France International
Geomorphology, Geology and Erosion Trends.	CORINE Coastal Erosion	EEA, EUROSION
Hydrodynamics and sea level rise		EUROSION
Hydrography	GISCO	EC - Eurostat
Infrastructure	GISCO	EC - Eurostat
Sediments Discharges	none	EUROSION
Land Cover	CLC1990	EEA
Land Cover changes since 1975		
LC Changes for EU (1990)	LaCoast v0.1	JRC
LC Changes for CEEC	none	EUROSION
Laws and decrees	none	EUROSION
Naturally designated area	Natura2000	DGEnv
	CORINE Biotopes	EEA

Access, use and dissemination data sets sources have been sorted into three main categories:

- Data sets provided by organisms depending of or in close relation to the European Commission or the Directorate General of Environment, through official agreements or subcontracting licensing facilities or EC funded projects.
- Data sets from various free sources which were modified, extended, updated or produced within the scope of the EUROSION contract of service - by EUROSION consortium members or subcontractors - for which rights of use and dissemination suffer no restriction and are not conceded by any license inside the European Commission DG Environment.
- Data sets purchased from private or public companies for which negotiated license of use and specific dissemination conditions were conceded.

* SABE geometry has been used first to make adjustment of CORINE Coastal Erosion (CCEr) and finally to re-adjust the final CORINE Erosion Layer (CEL - completed and extended within EUROSION) on the geometry of SABE2001. Thus the EUROSION Shoreline accuracy better fits with quality conditions. GISCO shoreline was used as initial attempt but was locally replaced during CEL realization.

A. EUROPEAN COMMISSION AND AFFILIATES DATA SOURCES

This chapter lists the original datasets sources provided by organisms belonging to or in close relation to the European Commission or the Directorate General of Environment, through official agreements or subcontracting licensing facilities or EC funded projects.

A.1. GISCO

The GIS for the Commission is a service developed and maintained by Eurostat and thus fully dedicated to EC/DGEnv internal use. For the integration or use of EUROSION layers **Hydrography**, **Infrastructure**, **Shoreline** (as a basis), **Sediments Fluxes** (GISCO Watersheds, Water Pattern layers), IGN France International on behalf of the EUROSION Consortium was lent the data by signing and returning an agreement form to Eurostat.

GISCO data	European Commission (EC)	Outside the EC
Access	Free	Agreement Form
Dissemination	Free	Excluded

A.2. SABE97 v2.1

Seamless Administrative Boundaries of Europe (SABE) version 2.1 (1997) is distributed by Eurogeographics. SABE is derived from cartographic data provided by the national mapping agencies. Eurostat is able to diffuse this product for the reason that the product is submissionned by the European Commission.

SABE v2.1 was used by EUROSION for the layers **Terrestrial Administrative Boundaries**, **Laws and Decrees** and **Shoreline** (for readjustment).

IGN France International on behalf of the EUROSION Consortium was lent the data by signing and returning an agreement form to Eurostat. More detailed informations on copyrights for SABE 97 v2.1 are given in EUROSION deliverable **D2.5.1 SABE Licence v2.0**. The European Commission also benefits of an specific agreement for accessing and use of SABE version and pre-versions.

SABE data are copyright of EuroGeographics and the contributing national mapping agencies. As standard, SABE data may be used for internal business use only. It may not be used for Internet applications unless this has been explicitly agreed within a schedule addition to the licence. The licence agreement specifies the number of concurrent users which may use the data. Additionally any printed output which is based on SABE data must bear an appropriate copyright acknowledgement notified in **SABE User Guide v2.1 annex C**.

SABE data	European Commission	Outside the EC
Access	Already Licensed by the EC	License
Dissemination	Conditionned by terms of the license	Conditionned by terms of the license

A.3. SABE 2001

Eurogeographics edited a new updated version for SABE entitled **SABE 2001**, using the same data base structure and attributes. IGN France International on behalf of the EUROSION Consortium was lent the data by signing and returning an evaluation agreement form to Eurostat.

This updated version of SABE made it possible to update **Terrestrial Administrative Boundaries** and **Laws and Decrees** EUROSION layers within the same copyrights and dissemination conditions than the previous SABE version (cf. **SABE 2001 User Guide annex C** for more details)

A.4. CORINE LAND COVER 1990

CORINE LAND COVER 1990 in its vector version is not available on line and requires the agreement of the European Environmental Agency. For the duration of the project, the ETC/TE (consortium acting for the EEA) has provided to the EUROSION Consortium CLC90 official version 12/2000 in vector format with the Official Agreement of the CLC90 Project Team Leader Christiaan Steenmans. All complementary informations on copyrights are noticed in the EUROSION Deliverable named **D2.9.1 CORINE LAND COVER 90 Data Access**.

CLC90 data	European Commission	Outside the EC
Access	Existing agreements with EEA	Upon request to the EEA
Dissemination	Conditionned by terms of the agreement	EEA Data policy. No dissemination of vector data without prior authorization from the EEA authority.

A.5. CORINE Coastal Erosion (CCEr initial version)

CORINE Coastal Erosion (in its version from 1990) was produced by BRGM and is available online through EEA web site. Consequent geometric correction, coastline extension and attributes updates led to brand new *Coastal Erosion Layer (Geomorphology, Geology and Erosion Trends layer)*.

CCEr data	European Commission	Outside the EC
Access	Free	Free
Dissemination	Free	EEA Data policy

A.6. LaCOAST

LaCOAST database created by the JRC in 1997 was aiming at mapping the changes of land cover from 1975 to 1990. The coverage of this database remains the European Union of 1990. The LaCOAST initiative led to the publication of numerous studies and statistics as well as the LaCOAST Atlas. To get this database on CORINE Land Cover changes since 1975, the authorization has to be requested to the Joint Research Center (JRC). Although EUROSION consortium went in Ispra and committed on the provision of the data, only a non-official version has been provided and thus integrated to the EUROSION database. This temporary license was granted to IGN France International and no dissemination is allowed for the LaCOAST v0.1 database.

LaCOAST data	European Commission	Outside the EC
Access	Free	none
Dissemination	Free	none

A.7. CORINE BIOTOPES

CORINE Biotopes is an applicative database derived from CORINE Land Cover spirit. It can be downloaded from EEA web site. Rather old this data set constitutes a real basis to Natura2000 actual initiative. Without any authorization this geocoded dataset was integrated to EUROSION database with the aim of producing a proxy for a sensitivity indicator on "high ecological value area".

CORINE Biotopes data	European Commission	Outside the EC
Access	Free	Free
Dissemination	Free	Free

A.8. NATURA2000

Natura2000 is a currently under development database. Macaronesian Islands are the only validated example integrated into the EUROSION database which is structurally ready to accept future datasets from the same source. This validated sample has been provided with consent of DGEnvironment.

Natura2000 data	European Commission	Outside the EC
Access	Free	EC/DGEnv Data policy
Dissemination	EC/DGEnv Data policy	EC/DGEnv Data policy

B. EUROSION MADE AND FREE SOURCES

This chapter details the datasets sources (mainly free resources) that were updated, extended or produced EUROSION layers, and for which use and dissemination suffer no restriction nor licensing inside the European Commission DG Environment. EUROSION own sources made available for the project suffer no restriction for access nor use within the European Commission and shall be subject to EC/DGEnv data dissemination policy for external user.

B.1. EUROSION shoreline sources

The EUROSION shoreline has been built from the original CORINE Coastal Erosion database available on the EEA DataService web site. A first polynomial adjustment on SABE97 v2.1 geometry has been performed by the ETC/TE (Barcelona) and delivered to IGN France International.

To this "EU 15 covered" shoreline has been added then a new shoreline coming out of three available datasets:

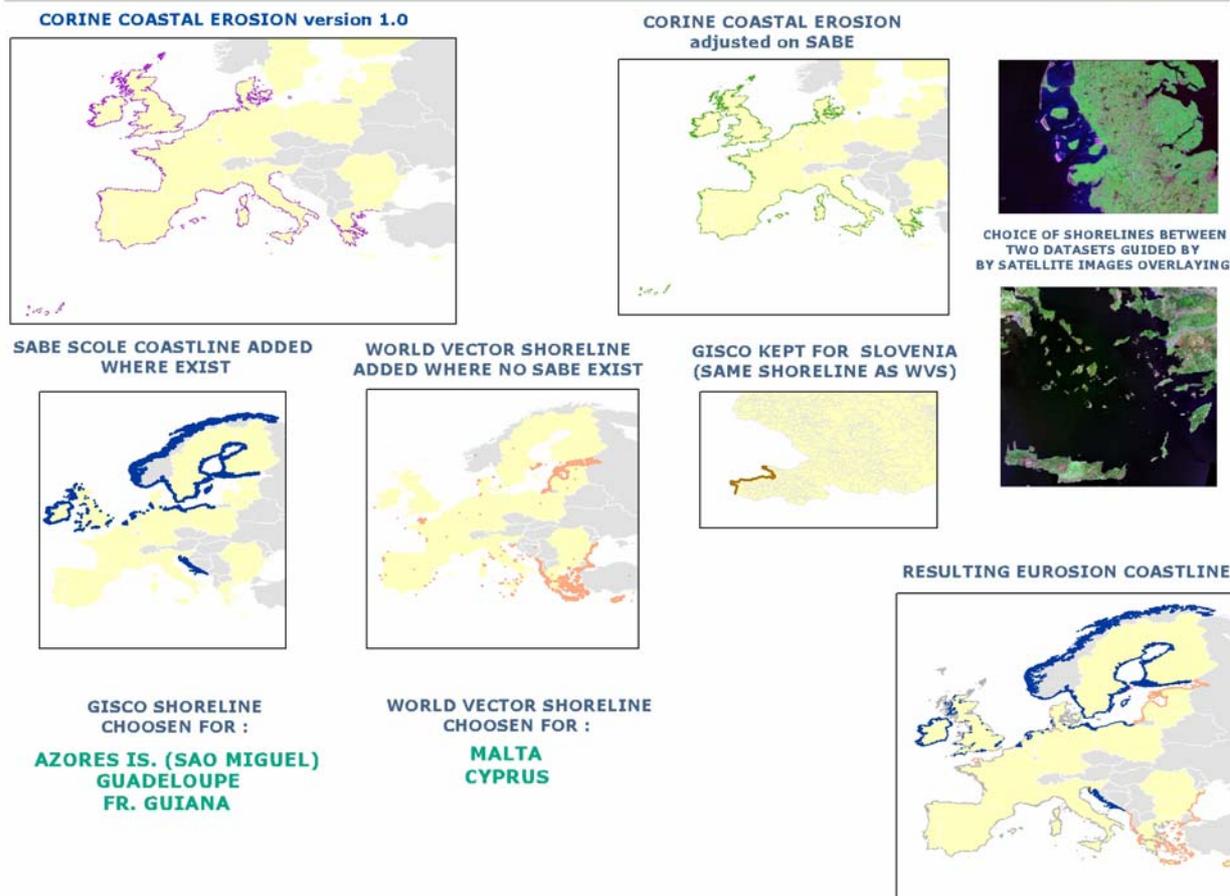
- **SABE SCOPE** (nominal corresponding scale of 1:100,000) extracted from SABE97 v2.1 on several countries:
 - **Partly, to complete CCEr** : Great Britain and North Ireland, Ireland, The Netherlands
 - **Fully**: East-Germany, Poland, Sweden, Finland (plus Norway and Croatia to get seamless shorelines out of Terms of Reference (ToR) comprised countries)
- **World Vector Shoreline**, free of rights US data sources, within nominal scale of 1:250,000). Countries covered: Estonia, Latvia, Lithuania, Bulgaria, Romania, Malta, Cyprus, many greek islands including Crete (plus other islands such as Jersey, Guernsey, ...; Russia, Albania and Ukraine for seamless shorelines)
- **GISCO Coastline Layer**: at the nominal scale of 1:1 Million, have been extracted shorelines for Slovenia, Azores islands, Guadeloupe and French Guiana (plus Faroe islands, Isle of Man for exhaustivity even if out of ToR)

Those extractions and the resulting "EUROSION Coastline" has been built as an input for *Geological, Geomorphological and Erosion Trends* layer, database updated and extended under the responsibility of BRGM. A first assessment was produced which led to geometrical observations, quantifications, and sometimes improvements of this coastline, in term of exhaustivity not accuracy.

All along the WP2.6 process, BRGM and its partners tried to improve the shoreline delivered by IGN France International, according to the accuracy needed by their thematic work so as to provide the final graphical EUROSION Coastline linked to their brand new CEL database (CEL = Coastal Erosion Layer) to be integrated in the EUROSION database.

As a consequence, the initial shoreline components have been used as a shoreline basis, and geometrically improved, documented and adjusted. Therefore the whole derived product is constituting a EUROSION resulting deliverable.

EUROSION COASTLINE CREATION



Initial shoreline creation process prior to CEL production

Summarizing Initial Access and Use permissions on shoreline components:

Access and use	European Commission	Outside the EC
CCEr	Free	Free
SABE 97 SCOPE	Already Licensed by the EC	Subject to license
GISCO Coastline	Free	Agreement Form
WVS data	Free	Free

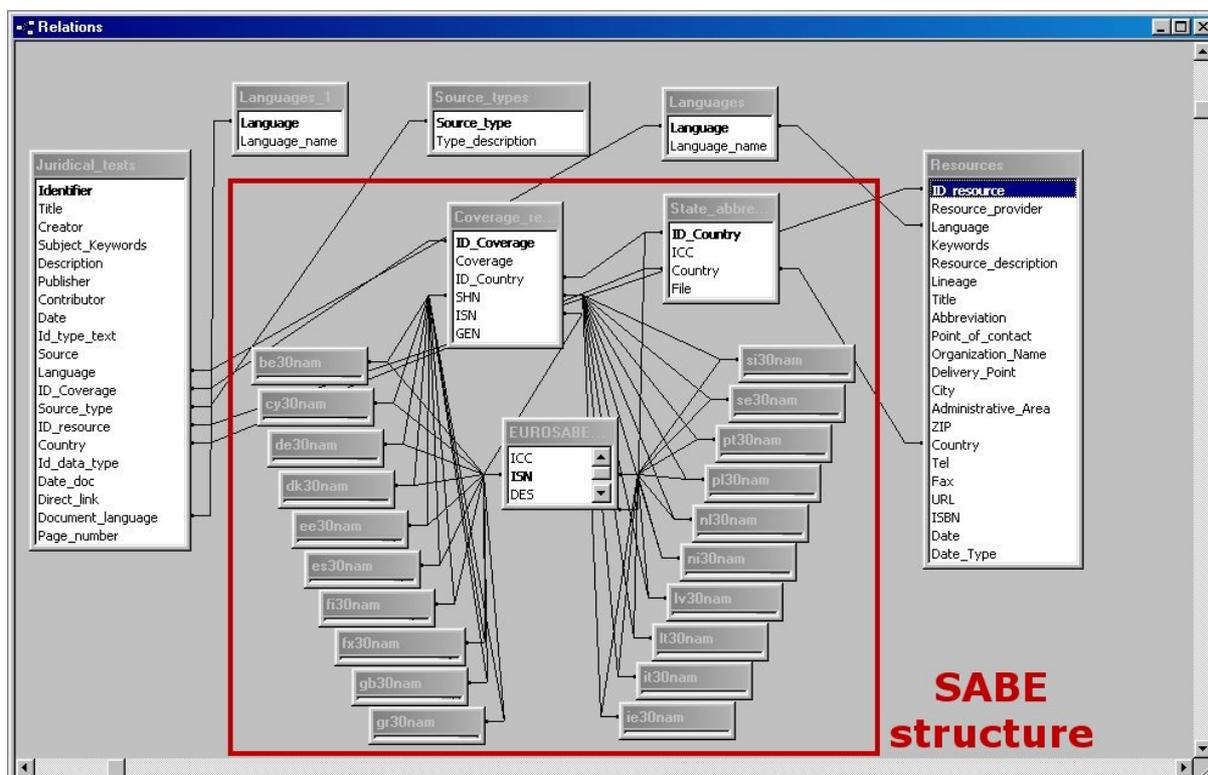
Summarizing Initial Dissemination aspects:

Dissemination	European Commission	Outside the EC
CCEr	Free	EEA Data policy
SABE 97 SCOPE	Conditionned by terms of the license with Eurogeographics – should be free.	Conditionned by terms of the license
GISCO Coastline	Free	Excluded
WVS data	Free	Free

Assuming that the EUROSION Shoreline results of the harmonization of various shorelines using geometric manipulations (adjustments, extractions, attributes documentations) the EUROSION shoreline became a free of right official EUROSION deliverable, and the EUROSION Consortium is recommend this deliverable to be subject to EC/DGEnv data dissemination policy for external diffusion.

B.2. Laws and Decrees

Regulatory texts were gathered thanks to a study on environmental european, national and regional internet and bibliographic search. For the geocoding of texts, SABE97 core structure has been used. Consequently access and dissemination conditions are the same than SABE97.



Overview of the Laws and Decrees data set structure and links with SABE

B.3. Layers based on free of rights sources

Following layers are the results of manipulations (modelization, image interpretation, land cover production, extrapolations..) gathering numerous free or negotiated sources:

- **Administrative Maritime Boundaries** (United Nations Law of the Sea texts available)
- **Sediments Discharges** (ELDRED private database outputs and models)
- **Hydrodynamics and Sea Level Rise** (SAR, Topex/Poseidon data, PSMSL Tide-gauges measurements...)
- **Land Cover changes for CEEC** (satellites images, ancillary data, Ground control points...)
- **Altimetric 5m Contour Lines** (National DTMs and interpolated contour line)

The results as such are of free access, use and dissemination.

C. PRIVATE COMPANIES PRODUCTS LICENSED

This chapter details the data sets purchased from private or public companies for which negotiated license of use and specific dissemination conditions were conceded.

C.1. MONA PRO Europe©

As part of the EUROSION *Elevation* layer, the MONA PRO Europe© Digital Terrain Model constitutes the widest pan-european DTM available corresponding to the desired scale. As for data access and use the "agency" license limited the data set local deposit to three workstations was negotiated by the EUROSION Consortium to "local network license" (without majoration of price) meaning that the data can effectively be located on a dedicated server by the entity hosting the data. As it was adopted that Eurostat should host the database and as the majoration to multiple server at different geographic locations doubled the licensing costs (!), the most convenient compromise was negotiated.

Use is allowed within the same entity or organism (European Commission for instance). Deriving products is allowed too. Each output or product including MONA Pro Europe© DTM, the whole or partly, shall mention its provenance by the text: "© **Geosys France**"

Selling or lending the data is not allowed without prior request and consent from Geosys Data France. Dissemination is therefore not allowed outside the European Commission.

C.2. GEBCO

The GEneral Bathymetric Chart of the Oceans Digital Atlas is published by the British Oceanographic Data Centre. As a first evaluation the EUROSION Consortium used the GEBCO 97 database. During the project timeframe the Centenary version (2001) rose up so as the consortium acquired this brand new license on behalf of the European Commission.

Access conditions are subject to purchasing the GEBCO Digital Atlas (GDA) software that allowed the extraction of the European data part included in EUROSION database.

Terms of use, display, extraction, reproduction and added-value product creation are subject to strict clauses presented as such in [ANNEX \(CHAPTER D\)](#).

In line with A.3.6 item, the EUROSION consortium informs the EC/DGEnvironment that the "**Data from the GEBCO Digital Atlas are not to be used for navigation or for any other purpose relating to safety at sea. The IHO, IOC, NERC and BODC are not able to warrant the accuracy of the data and accept no responsibility whatsoever for determining the fitness of the data for their intended use or for any consequential loss, damage or expense arising from such use. Users should be aware that most areas of the world's oceans have not been fully surveyed and that the GEBCO bathymetry is an interpretation based on random tracklines of data from many sources. The quality and coverage of data from these sources is highly variable**".

D. ANNEX

The following annex shows the License agreement signed for GEBCO Digital Atlas by the Consortium.



BRITISH OCEANOGRAPHIC DATA CENTRE



General Bathymetric Chart of the Oceans (GEBCO)



LICENCE AGREEMENT

BETWEEN THE BRITISH OCEANOGRAPHIC DATA CENTRE (BODC)

AND IGN France International,

acting as EUROSION Consortium member in charge of data gathering

(hereafter referred to as the Licensee)

EUROSION project is a Service Contract for the EC Directorate General of Environment

(hereafter referred as the Customer)

FOR USE OF THE CONTENTS OF THE GEBCO DIGITAL ATLAS

BACKGROUND

- * The GEBCO Digital Atlas is published and maintained by the British Oceanographic Data Centre (BODC) of the Natural Environment Research Council (NERC) on behalf of the International Hydrographic Organization (IHO) and the Intergovernmental Oceanographic Commission (IOC) of UNESCO acting through the Joint IOC/IHO Guiding Committee for GEBCO.
- * The production of the GEBCO Digital Atlas is the culmination of a community based endeavour involving numerous scientists and hydrographers across the world who have devoted much of their time and effort, often on a voluntary basis, to ensuring the success of the GEBCO project. For the most part, this endeavour was stimulated by a wish to create an authoritative, high quality bathymetry of the world's oceans for the benefit of mankind. The GEBCO community does not wish the contents of the GEBCO Digital Atlas, either in whole or in part, to be used for commercial gain and requests that any monies accruing from sales should be reinvested in the further development of GEBCO.
- * It is the intention of the GEBCO community to continually update the GEBCO Digital Atlas to reflect the best available bathymetry and to publish updated versions from time to time.
- * Users of the GEBCO should be aware that, even to the present day, most areas of the world's oceans have not been fully surveyed and that, for the most part, the bathymetric contours in GEBCO are an interpretation based on random tracklines of data from many different sources. The quality and coverage of data from these sources is highly variable - indeed the quality is often unknown and the data are subject to errors. Where possible, the trackline control information should always be shown in conjunction with the bathymetry.

TERMS AND CONDITIONS

1. The subject of the licence is the GEBCO Digital Atlas as published by BODC in March 1994 (updated in February 1997 and April 2003) and comprising digital data on CD-ROM, a software interface (GDA Software Interface) and Supporting documentation. It also covers updated versions of these items as may be published by BODC from time to time for general release.
2. The GDA Software Interface is made available solely to enable data to be extracted from the GEBCO Digital Atlas and the Licensee has no other rights to usage or reproduction of the software. BODC does not warrant that the operation of the software will be uninterrupted or error free.
3. The licence does not place any obligation on BODC to update, correct or modify the GEBCO Digital Atlas in any way.
4. The contents of the GEBCO Digital Atlas must not be used for navigational purposes or for any other applications with implications relating to safety at sea.
5. The BODC is not able to warrant the accuracy of any of the data in the GEBCO Digital Atlas and does not warrant that the GEBCO Digital Atlas is error free. BODC has no responsibility for determining the fitness of the data for their intended use by the Licensee or by the Licensee's customers. BODC shall not be held liable for any indirect or consequential loss, damage, cost or expense of any kind whatsoever and howsoever caused resulting as a consequence of the Licensee's use of the GEBCO Digital Atlas.
6. The contents of the GEBCO Digital Atlas are copyright. Reproduction for scientific research, environmental conservation, educational or other non-commercial purpose is authorised without prior permission of the copyright holders.
7. Except as listed in 8., the legal copyright and all other property rights in the GEBCO Digital Atlas are held by the Natural Environment Research Council on behalf of the IHO and the IOC through the Joint IOC/IHO Guiding Committee for GEBCO.
8. The legal copyright of certain components is held separately:

ICSU Scientific Committee on Antarctic Research for the Coastline of Antarctica;

Head Department of Navigation and Oceanography, St. Petersburg, for the First Edition of the International Bathymetric Chart of the Mediterranean;

International Hydrographic Bureau, Monaco, for the IHO/IOC Gazetteer of Geographic Names of Undersea Features;

UK Hydrographic Office, Taunton, for the Third Edition Echo-Sounding Correction Tables;

New Zealand National Institute of Water and Atmospheric Research for the Bathymetric Chart of the New Zealand Region;

Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, for the Bathymetric Chart of the Weddell Sea;

Service Hydrographique et Oceanographique de la Marine, Paris, for IBCEA Sheets 1.06, 1.08, 1.09, 1.10, 1.11 and 1.12;

Instituto Hidrografico, Lisbon, for IBCEA Sheet 1.01;

Instituto Nacional de Estadística, Geografía e Informática, Mexico, for IBCCA published sheets.

NERC does not hold the copyright of the World Vector Shoreline; of the IBCAO bathymetry; of the GLOBE land elevation data; or of the GEODAS trackline inventory.

9. Any material reproduced from the GEBCO Digital Atlas should be accompanied by appropriate attribution to the source of the material. The following form of attribution is suggested 'Reproduced from the GEBCO Digital Atlas published by the British Oceanographic Data Centre on behalf of the Intergovernmental Oceanographic Commission (of Unesco) and the International Hydrographic Organization, 2003'. Any other form of words should be agreed beforehand in writing with BODC. For non-GEBCO material, such as the World Vector Shoreline, acknowledgement should include reference to the original source (the US National Imagery and Mapping Agency).
10. Reproduction of the contents of the GEBCO Digital Atlas in whole or in part for resale or for use in a commercial product or for any other commercial purpose is prohibited without a licence agreement with the British Oceanographic Data Centre. Section A of the licence agreement must include an explicit statement of a) the purpose for which the material will be used, b) the manner in which it will be processed and reproduced, and c) the conditions under which it may be distributed.
11. Except as specified in Section A, the electronic copying of the contents of the GEBCO Digital Atlas in whole or in part for supply to any other party including associated companies is prohibited - the price of the GEBCO Digital Atlas has been set at a low level so as to encourage users to obtain their copies directly from BODC. However, permission is given to the Licensee for in-house copying should this be required to accommodate the Licensee's working practices.
12. In compiling any new product or publication the Licensee should endeavour to use the latest version of the relevant part of the GEBCO Digital Atlas and should check its status with BODC.
13. Licences for the use of GEBCO Digital Atlas are regarded as nonexclusive and time limited open to renewal.
14. BODC may, by giving written notice at any time, cancel the licence with effect from at least one month after notice (the effective date of termination).
15. The Licensee is not entitled to assign or transfer its rights or obligations under this licence to any other party. If the company holding the licence is taken over or merged with another company, a new licence will be required before the resulting company has any rights to the use of the GEBCO Digital Atlas.
16. The licence does not take effect until signed by both parties.
17. The licence agreement is executed in two copies, one (marked Licensee's Copy) for retention by the Licensee and one (marked BODC Copy) for retention by BODC.

SECTION A.

A.1 Purpose for which the data in the GEBCO Digital Atlas will be used

[Bathymetric contour data from the GEBCO Digital Atlas for the area 33°N-70°N; 20°W-35°E will be used for the EUROSION project.](#)

A.2 Manner in which the data in the GEBCO Digital Atlas will be processed and reproduced

The data will be processed and delivered into a GIS format and displayed as part of a raster layer within the GIS.

A.3 Conditions under which the data from the GEBCO Digital Atlas may be distributed

A.3.1 The data may be distributed as part of a GIS layer within the EUROSION project to the Licence's Client, i.e. the European Commission, General Directorate for Environment (hereafter referred to as the Customer).

A.3.2 The digital bathymetric contour data will not be available for internet download from the GIS display system used by the Customer.

A.3.3. Attribution for the source of the data set should be given as detailed in section 9 above for the Centenary Edition of the GDA. For the 1997 version of the GDA, GEBCO-97 the attribution should be as follows:

'Reproduced from the 1997 Edition of the GEBCO Digital Atlas published by the British Oceanographic Data Centre on behalf of the Intergovernmental Oceanographic Commission (of UNESCO) and the International Hydrographic Organization, 1997'.

A.3.4. The Licensee will delete their copy of the GDA data set once it has been passed on to the Customer.

A.3.5. The Licensee will inform the Customer through a formal agreement that the data from the GEBCO Digital Atlas are subject to copyright restrictions and should not be passed on.

A.3.6. The Licensee will inform each customer that "Data from the GEBCO Digital Atlas are not to be used for navigation or for any other purpose relating to safety at sea. The IHO, IOC, NERC and BODC are not able to warrant the accuracy of the data and accept no responsibility whatsoever for determining the fitness of the data for their intended use or for any consequential loss, damage or expense arising from such use. Users should be aware that most areas of the world's oceans have not been fully surveyed and that the GEBCO bathymetry is an interpretation based on random tracklines of data from many sources. The quality and coverage of data from these sources is highly variable."

A.4 Work on the GEBCO Digital Atlas will be carried out by:

IGN France International, 39ter, rue Gay-Lussac, 75005 PARIS, FRANCE.

EUROSION consortium is led by RIKZ (Dutch National Institute for Coastal and Marine Management), and composed of:

- **IGN France International, in charge of data access, geographical harmonization and data base integration,**
- **EADS S&E, mainly concerned by technical support such as datasets structure study in order to build data model scheme,**
- IFEN (French Environment Institute)
- EUCC – The Coast Union
- BRGM (French Geological Survey)
- UAB (Autonomous University of Barcelona)

Those last four consortium members will only consult GEBCO data, as the Customer is supposed to, whilst EADS S&E will concretely look into detail the database structure to create the data model of the EUROSION database so as IGN France International will thus integrate data themselves.

In signing this licence agreement with BODC, I agree, on behalf of the company or organisation I represent, to abide by the terms and conditions of the licence and confirm that the information in Section A accurately describes the manner in which my company will make use of and distribute the contents of the GEBCO Digital Atlas.

Signed: _____ Date: 2003, september, the 10th

Name: PICHON Hervé

Position in company or organisation:EUROSION Consortium
"Database Creation" Work Package Responsible

Company or organisation name: Project Responsible for IGN France International

Address: _____
IGN France International
39 ter, rue Gay-Lussac
F-75005 PARIS

AUTHORISATION

Licence granted with respect to the above agreement

BODC/GDA Licence No:
Term: 36 months(date)

Signed: _____ Date: _____

(Dr. Juan Brown, Director BODC)

Joseph Proudman Building, 6 Brownlow Street, Liverpool, L3 5DA
Email: enquiries@bodc.ac.uk

NATURAL ENVIRONMENT RESEARCH COUNCIL

END OF DOCUMENT