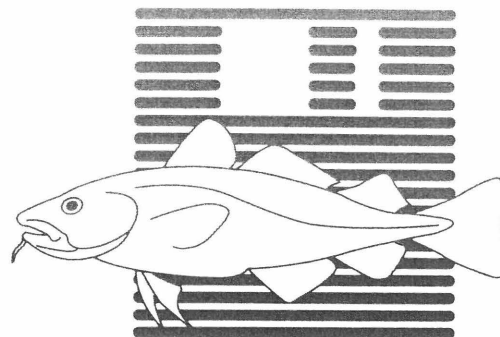




THE COLOUR OF OCEAN DATA

*International symposium on oceanographic
data and information management
with special attention to biological data*

conference programme

Brussels, Belgium
25-27 November, 2002



Monday, 25 November 2002

08:30 Registration - poster installation - checking audiovisuals - welcome coffee

Opening session

09:30

Formal welcome

- Belgium: F. Demeyere, Deputy Head of Cabinet, Government Commissioner, attached to the Minister for Scientific Research, Mr. Yvan Ylieff
- Flanders: a representative of the Government of Flanders
- UNESCO: P. Bernal, Assistant Director-General UNESCO and Executive Secretary IOC

10:00

Practical arrangements – Welcome on behalf of the Organizing Committee
E. Vanden Berghe

10:10

Objectives of the symposium – Welcome on behalf of the Scientific Committee
M. Costello

10:20

Social relevance of ocean data management – importance of products following from data management
M. Altalo

10:40

Perspectives for marine sciences and technologies in Framework Programme VI.
P. Mathy

11:00-11:30 Coffee/Tea break

Session 'Capacity building' – Chair: Murray Brown

11:30

The UNESCO Bilko project: developing training capability for coastal and marine remote sensing
C. Donlon

11:50

Developing an Oceanographic Data and Information Network: the experiences of ODINAFRICA
M. Odido

12:10

The 'colour' of remotely sensed and GIS data in the sustainable management of tropical coastal biocomplexity

F. Dahdouh-Guebas and N. Koedam

12:30

OceanTeacher: building capacity in oceanographic data and information management

G. Reed

12:50

Integration of environmental datasets, formats and software in the IODE Resource Kit

M. Brown

13:10-14:20 *Lunch*

Session 'Case studies' – Chair: Syd Levitus

14:20

Building global ocean profile-plankton databases for scientific research: World Ocean Database 2001

S. Levitus

14:40

A hydrographic and biochemical climatology of the Mediterranean and the Black Seas: some statistical pitfalls

M. Rixen

15:00

The present and future of an integrated database on oceanology of the Southern Scientific Research Institute of Marine Fisheries and Oceanography (YugNIRO, Kerch, Crimea, Ukraine)

B. Trotsenko

15:20

Recent advances in oceanographic data management of the Mediterranean and Black Seas: the MEDAR/MEDATLAS 2002 data base

C. Maillard, E. Balopoulos and the MEDAR Group

15:40

RIVELA – Database for the Research on Venice and the Lagoon

R. Orsini, C. Dabalà, S. De Zorzi and P. Campostrini

16:00-16:40 *Coffee/Tea*

Posters and demos sessions 'Capacity building' and 'Case studies'

16:40

The BMDC database: a tool for scientists and decision makers

K. De Cauwer, M. Devolder, S. Jans and S. Scory

17:00

JGOFS Data Management: What has been done? What has been learned?

B. Avril and M. Conkright

17:20

Using the integrated information technology based on GIS for marine environmental data management and creation of reference books of the hydrometeorological conditions

A. Vorontsov, N. Mikhailov, Yu. Nalbandov and V. Tuzhilkin

17:40

Global Monitoring for Environment and Security (GMES): marine data management and policy issues

A. Edwards

18:00 *Reception*

Tuesday, 26 November 2002

08:30 Registration/Information

Session 'Ecological and community data' – Chair: Carlo Heip

09:20

Data requirements for biological indicators
C. Heip

09:40

All an ecologist wants to know, but never can find
P. Herman

10:00

Limitations and solutions to the exchange of macrobenthos community data between scientists and CZM managers as shown in the frame of human impact monitoring studies in SW Netherlands
H. Hummel, B. Schaub, W. Sijm, M. Rietveld, R. Markuse, K. Verschuure, O. van Hoesel, T. Ysebaert, D. van Oevelen and P. Herman

10:20

Biogeochemical assessment of shallow sea environments (White Sea, Russian Arctic)
S. Koukina, G.A. Korneeva, L.Y. Ametistova and T.A. Bek

10:40

Application of rule induction techniques for detecting the possible impact of endocrine disruptors on the North Sea ecosystem
T. Verslycke, P.L.M. Goethals, G. Vandenberg, K. Callebout and C.R. Janssen

11:00-11:40 Coffee/Tea break

Posters and demos of session 'Ecological and community data'

11:40

A quality control system for biological oceanographic data in the Northern Indian Ocean
J.S. Sarupria and P.M.A. Bhattathiri

12:00

An overview of the Fisheries Resource Information System and Tools (FiRST): a database management system for storing and analyzing trawl survey and related data
G.T. Silvestre, L.R. Garces and F.C. Gayanilo

12:20

History of the CPR database
D. Stevens and P.C. Reed

12:40

Monitoring and predictive modelling of estuarine benthic macrofauna and their relevance to resource management problems

T. Ysebaert, P. Herman, H. Hummel, B. Schaub, W. Sistermans and C. Heip

13:00-14:20 *Lunch***Session 'New developments' – Chair: Peter Pissierssens**

14:20

New internet development: marine XML

P. Pissierssens and G. Reed

14:40

The colour of distributed internet resources available through the Global Change Master Directory (GCMD)

L. Olsen and M. Holland

15:00

XML in Russian NODC and perspectives - Medblackdods and other

N. Mikhailov, E. Vyazilov, A. Besprozvanykh and N. Puzova

15:20

Ocean information technology: New approaches to ocean data management

N. Smith

15:40

New satellite based e-services to serve the marine and coastal community

G. Hesselmanns, C.J. Calkoen and G.J. Wensink

16:00-16:40 *Coffee/Tea break*

Posters and demos of session 'New developments'

16:40

The experience of using XML for a wide class of metadata objects

E. Vyazilov, S.V. Belov and S.V. Sukhonosov

17:00

Use of XML technology in the Baltic Sea Fishery Database

P. Sandbeck

17:20

An interactive hydrographic data visualization and retrieval system for the Indian Ocean

J.S. Sarupria and G.V. Reddy

17:40

MarineXML - Using XML technology for marine data interoperability

K. Millard

Wednesday, 27 November 2002

08:30 *Registration/Information*

Session 'Biodiversity/biogeography' – Chair: Mark Costello

09:00

Why marine species play a central role in biological oceanography data management
M. Costello

09:20

Integrated Taxonomic Information System
J. Gomon

09:40

Using US and Canadian Atlantic research trawl surveys to lead development of a standards based ocean observing system
R. Branton, J. Black, J. McRuer and M. Fogarty

10:00

Species 2000 Europa: the Catalogue of Life
F. Bisby

10:20

The Gulf of Maine Biogeographical Information System Project: developing a spatial data management framework in support of OBIS
V.M.Tsontos and D.A. Kiefer

10:40

Integrating heterogeneous databases in Ocean Biogeographic Information System
Ph. Zhang and F. Grassle

11:00-11:40 *Coffee/Tea break*

Posters and demos session 'Biodiversity/biogeography'

11:40

Development of a national aquatic biodiversity information system for New Zealand
J. Burgess

12:00

Development of a biodiversity information system: a case study
A. Martin, L. Van Guelpen and G. Pohle

12:20

Corals and sea anemones on line: a functioning biodiversity database
D. Fautin and W. Buddemeier

12:40

Twelve years of FishBase: lessons learned
Boden G. and G.G. Teugels

13:00-14:20 *Lunch***14:20**

The colour of biodiversity data
P. Schalk

14:40

Encyclopaedia Taxonomica: a taxonomic tool for marine biological monitoring
R. Jonker, G. Wolters, E. ten Winkel and C. Dijkers

15:00

NemasLan, MysidLan, TaxonLan: a story of database development. Archiving marine species data for biodiversity, morphology and taxonomy research in a digital way
Deprez T., J. Wittoeck, G. De Smet and M. Vincx

15:20

Servicing the end user – AlgaeBase and the Internet
E. Nic Dhonncha and M.D. Guiry

15:40

Biodiversity databases and database management systems for the world's ocean: experience and outputs from five international projects
S. Piontovski and R. Williams

16:00-16:40 *Coffee/Tea break***16:40-18:00 Panel discussion – Chair: Savi Narayanan**

Panel members: A. Edwards, P. Herman, C. Maillard, P. Pissierssens, L. Rickards, N. Smith

18:00-18:15 Closing session – Poster awards
