

Ocean Data and Information Network for Africa

ODINAFRICA

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GOAL

Promote the *Sustainable Management* of Marine and Coastal Resources, as well as *Reducing the Risks* of Ocean Related Hazards, based on *Sound Scientific Knowledge*.





OBJECTIVES

- *Expanding and strengthening the network* of marine scientists and institutions in the region to foster the sharing of data and information.
- *Developing high quality products and tools* to support decision making, management and conservation of the marine and coastal environment.
- *Promoting the use of products and services* developed by the project to all stakeholders.
- *Fostering active south-south, intra-Africa, and north-south collaboration for marine training, research and technology transfer.*



BASIC INFORMATION

- Planned duration: 4 years
- Implementation period: 1 Aug 2009 - 31 Jul 2013
- Participating Countries:

<i>Algeria</i>	<i>Madagascar</i>
<i>Angola</i>	<i>Mauritania</i>
<i>Benin</i>	<i>Mauritius</i>
<i>Cameroon</i>	<i>Morocco</i>
<i>Comoros</i>	<i>Mozambique</i>
<i>Congo</i>	<i>Namibia</i>
<i>Cote d'Ivoire</i>	<i>Nigeria</i>
<i>DR Congo</i>	<i>Senegal</i>
<i>Egypt</i>	<i>Seychelles</i>
<i>Gabon</i>	<i>South Africa</i>
<i>Ghana</i>	<i>Tanzania</i>
<i>Guinea</i>	<i>Togo</i>
<i>Kenya</i>	<i>Tunisia</i>





CCLME countries

- ✧ CAPE VERDE.....Not participating
- ✧ GAMBIANot participating
- ✧ GUINEAParticipating - CERESCOR
- ✧ GUINEA BISSAUNot participating
- ✧ MAURITANIAParticipating - IMROP
- ✧ MOROCCOParticipation under review

(Mohammed-V University & Ibn Zohr)

- ✧ SENEGAL Participating - DPM/CRODT





Main Concerns addressed

Access to information

- What work has been done?
- By whom and published and where?
- Can we get the publication?
- Can we build on this work?

Promote accessibility of research findings of African marine scientists

Access to data

- ✧ Substantial amounts of data collected in African waters by foreign vessels not accessible to national experts and institutions
- ✧ Capacity to collect data limited
- ✧ Capacity to analyze and interpret data from global programmes minimal





Activities implemented.....

- ✧ Developed skills for processing, analysis and archiving of data and information
- ✧ Support for equipment and software for libraries & data centres
- ✧ Access to literature and data through international linkages
- ✧ Developed a network of experts
- ✧ Developed a wide range of databases [directories of experts & institutions, data & literature catalogues, biodiversity database, ...]
- ✧ Developed a network of sea level stations
- ✧ Commenced work on mechanisms for dissemination of the data such as atlases and websites



Achievements

Improved access to literature and other information

- ✧ Library catalogues and links to global networks [IAMSLIC]
- ✧ Literature repository [www.oceandocs.net]
- ✧ Access and contribution to bibliographic databases

[Input centres for the Aquatic Sciences & Fisheries Abstracts ASFA - in Cote d'Ivoire, Egypt, Kenya, Mauritania, Mozambique, Senegal, Tanzania, Tunisia]

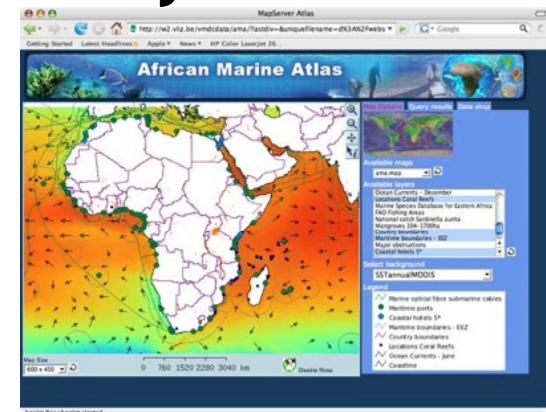
- ✧ Newsletters, portals and websites

More than 30 librarians from 24 countries trained

Achievements ...2

 Improved access to data, and skills for analysis and interpretation...


- ✧ African Marine Atlas
- ✧ Marine Species databases
- ✧ National data collections
- ✧ Sea level Data facility [www.sealevelstation.net]
- ✧ Tidal predictions



www.africanmarineatlas.net

 More than 70 data managers from 25 countries trained in a wide range of skills.


Achievements3

 Coordinated the strengthening of sea level network, comprising more than 30 sea level stations




Achievements ...4

Most Important.

 Network of African Experts, collaborating and assisting each other in issues related to data and information management



 Strong focus on addressing local and national priorities



Focus of current phase

- Proper inventory of data and information, and getting it to users in easily understood format - catalogues & portals
- Dissemination of analysed data (& products) through atlases
- Development of customised products such as forecasts, predictions and scenarios
- Providing management options - policy briefs
- Development of communication & outreach tools - websites, newsletters, brochures, posters ...





Potential for collaboration.

- National /Regional Marine Atlases (African Marine Atlas)

Focus on six themes:

- Basemaps: Coastlines, depth contours etc
- Geosphere: solid earth and mineral resources
- Hydrosphere: physical/chemical/optical oceanography, limnology,
- Biosphere: flora, fauna; MPA's; fishing areas...
- Atmosphere: weather and climate
- Human Environment (socio-economic information)
- Each country team identifies priority layers under these themes
- Training workshops held in Mombasa, Kenya and Oostende, Belgium.
- Maybe one specifically for CCLME region?
- Links with International Coastal Atlas Network (ICAN)



Potential for collaboration.

- Marine Literature Repository for CCLME region
- In the ASCLME region - Nairobi Convention Clearing House Mechanism (worked together with UNEP, ASCLME/WIOLAB projects) - Similar initiative with Abidjan Convention and CCLME??
- African Register of Marine Species (working with OBIS) - maybe work on the regional component with CCLME??
- Projects database? Directories of experts and institutions
- Capacities Assessment?





Thanks

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