

ODINAFRICA

Egypt



ENODC was established in National Institute of oceanographic and Fisheries, Alexandria, Egypt, in 1977 in according the resolution adopted by the intergovernmental oceanographic commission (IOC) of UNESCO 1961 as well as the reports of the Ministry of Scientific research, NIOF, Egypt.



ENODC receives data observed by NIOF, branches, which cover most of the coastal area of Egypt, Meteorological Agency, Fisheries Agency, universities and other organization in

Egypt possible to have oceanographic data. Through data exchange ENODC also acquires foreign data through the international oceanographic data and information exchange system (IODE).



Collecting/Processing/Archiving/providing ENODC receives worldwide physical-chemical oceanographic data from government agencies, academic institutes, and other organizations in Egypt as well as from international joint projects.

ENODC is data holdings provide global coverage of basic oceanophysical, hydrophysical properties such as temperature, salinity, Ocean Current, tide, tidal Current, geomagnetism, gravity and bathymetry. ENODC is Master data files hold numerous individual data submissions that undergo ENODC quality control procedures and are stored in standard WOD format. Data in these files are available as copies of specified date subsets on magnetic tapes, floppy disks, CD-ROMS or printed form.

ENODC is data holdings provide global coverage of basic oceanophysical, hydrophysical properties such as temperature, salinity, Ocean Current, tide, tidal Current, geomagnetism, gravity and bathymetry. ENODC is Master data files hold numerous individual data submissions that undergo ENODC quality control procedures and are stored in standard WOD format. Data in these files are available as copies of specified date subsets on magnetic tapes, floppy disks, CD-ROMS or printed form.

MISSION OF ENODC

The mission of the ENODC is to enhance oceanographic services and promote further marine research by making available, to policy – markets and the marine communities, Ocean data and products, in real and non-real time, for the efficient management and Sustainable development of coastal and marine resources.



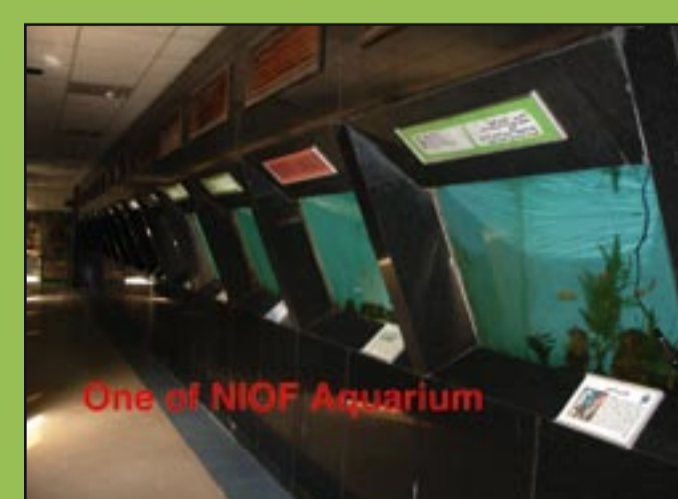
ENODC functions are to:

1. Prepare and maintain a metadata data base of all national data holdings.
2. Coordinate the collection and archival of ocean data in Egypt.
3. Receive, manage and diffuse oceanographic data and products.
4. Publicize data and products available in Egypt.
5. Develop and maintain a home page on Ocean data and products.
6. Promote the exchange of Ocean data and products at all levels.
7. Establish a net working of all stakeholders to facilitate exchange of data and products.
8. Provide appropriate training in marine data and information management.
9. Organize training workshops seminars for the benefit of the marine community.
10. Coordinate local participation in overseas training activities.
11. Participate in the activities of the IODE program of the IOC of UNESCO.

ODINAFRICA PROJECT

Egypt received through ODINAFRICA (III) training courses in the following topics.

1. Oceanographic Data Management (2005)
2. Marine Biodiversity Data Management (2005)
3. Website Development Workshop (2005)
4. Marine Information Management (2005)
5. OdnPubAfrica Workshop (2005). Provide ENODC with three computers, one scanner, two printers and original software to improve its work.



ENODC PRODUCTS

1. Checklist of Egyptian Mediterranean Fishes.
2. Checklist of Egyptian Mediterranean Polychaetes.
3. Tides at Alexandria, Egypt, for the period 1993-2000.
4. M2-Tides in the Mediterranean.
5. Checklist of Egyptian Red Sea Fishes.
6. Checklist of Copepoda in the Gulf of Aqaba.
7. Hydrographic studies of some lagoons near Hurgada.
8. The circulation of the Levantine Basin.
9. Current System Survey at Exploratory drilling site Hurgada-Red Sea.
10. Topography, tides and physio-chemical characteristics of the Egyptian Mediterranean shelf waters off Sinai.
11. Investigations of Al-Homayrasite south Sinai governorate-Egypt (Final Report).
12. Topography, tides and physio-chemical characteristics of the Egyptian Mediterranean shelf waters off Sinai (Vol 5).
13. Concentrations of the major ions in sea water of deferent salinity.
14. A study of the circulation of the Levantine basin (project) January, 1989.
15. Physical Oceanography data for Red Sea (1990-2000).
16. Check list of Egyptian Mediterranean Sea Fishes.
17. Hydrographic studies of some lagoons near Hurgada.
18. Circulation models applied on the eastern Mediterranean Sea.
19. A comprehensive bibliography of the physical oceanography of the Mediterranean Sea.
20. Hydrography.
21. Environmental Pollution Data for Red Sea and Mediterranean Sea.
22. Environmental chemical parameter for Red Sea and Mediterranean Sea.
23. Biodiversity of Red Sea and Med. Sea.
24. Microbiology data of Red Sea, Mediterranean Sea and Lakes.
25. Suez Gulf tide.
26. Data of several national and international cruises in Red Sea and Mediterranean Sea.

CONTACT

EGYPTIAN NATIONAL OCEANOGRAPHIC DATA CENTER (ENODC)

Dr. Ahmed El Nemr

Address: El-Anfouchy, Kayet Bey, Alexandria, Egypt

E-mail: ahmedmoustafaelnemr@yahoo.com

