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IODE NATIONAL REPORT ON OCEANOGRAPHIC DATA MANAGEMENT AND EXCHANGE FOR ISRAEL
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1. Name of Data Centre: Israel Marine Data Center - ISRAMAR

2. National IODE Coordinator:
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3. Data Center Address: (As above)

4. Data Center URL: http://isramar.ocean.org.il

5. IODE Data Center Designation Date: 2001 NODC

6. Description of national data flow:
   How does data flow operate in your country (if possible illustrate by means of one or more diagrams)?
   Most of the Mediterranean and the Dead Sea oceanographic data in Israel are acquired by the Israel Oceanographic and Limnological Research. Starting from the establishment ISRAMAR carries out inventory of these data with following reformatting and loading to data bases, which have open WEB interface at list for the metadata. Most of the Red Sea data are acquired and managed by Interuniversity Institute for Marine Sciences at Eilat.

   1. Metadata management:
      o ISRAMAR contributes to EDMED system.
      o ISRAMAR contributes to ICES Cruise Summary Reports (ROSCOPs) via EC project SeaSearch. In addition ISRAMAR operates an in-house web driven metadata database system.

   2. Data tracking:
      o SRAMAR has not any system to track data through from collecting organizations to through to data dissemination.

7. What is the structure of marine data management in your country:

   1. How many organizations are involved?
      National Institute of Oceanography: NIO (http://www.ocean.org.il);
      The Yigal Allon Kinneret Limnological Laboratory: KLL (http://www.ocean.org.il);
      Geological Survey of Israel: GSI (http://www.gsi.gov.il);
      Interuniversity Institute for Marine Sciences at Eilat: IUI (http://www.iui-eilat.ac.il).
      Israel Meteorological Service: IMS (http://www.ims.gov.il);

   2. Who does what?
      NIO acquires of: physical, chemical, geological and biological data of the Mediterranean; physical data of the Dead Sea, physical, chemical and biological data of the Red Sea;
      KLL: physical, chemical and biological data of Kinneret Lake (Sea of Galilee);
GSI: geological data of Mediterranean; geological, hydrological and chemical data of the Dead Sea;
IUI: physical, chemical and biological data of the Red Sea;
IMS: most of meteorological data

3. What data goes where?
NIO data are managed by ISRAMAR;
KLL data are managed by KLL;
GSI data are managed by GSI;
IUI data are managed by IUI and partly by ISRAMAR;
IMS data are managed by IMS;

4. Are there data for which there is no home?
There are datasets which stored by the responsible scientists.

5. What gets passed on to other organizations?
Bottle, CTD, and standard chemical data are passed on from ISRAMAR the WDC system and MEDAR database.

6. What regional links and data centres are there?
There is regional link with Hellenic National Oceanographic Data Centre (http://hnodc.ncmr.gr/).

8. What are the strengths and problems of the present arrangements nationally, regionally and internationally?
The Israel national arrangement of oceanographic data management is still under development. Involvement of ISRAMAR in international organizations and projects, dealing with management of oceanographic data, improves significantly the system of the data management on the national level.

9. What improvements could be made nationally, regionally and internationally?
Significant improvement on the national level could be achieved by dedicating some IOLR personnel to the ISRAMAR routine procedures.

10. What future national activities are planned?
Development databases for the bathymetric data. Integrating ISRAMAR activity with IMS.

11. What national, regional or international projects is your NODC involved in (both IODE and non-IODE)?
EDMED, EDIOS, Sea-Search, MEDAR, MEDGLOOS, MFSTEP, MAMA, Dead Sea Monitoring,