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IODE NATIONAL REPORT ON OCEANOGRAPHIC DATA MANAGEMENT AND EXCHANGE FOR BULGARIA
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1. **Name of Data Centre:**
   Bulgarian National Oceanographic Data Centre - BGODC

2. **National IODE Coordinator:**
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3. **Data Center Address:**
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4. **Data Center URL:**
   www.bgodc.io-bas.bg

5. **IODE Data Center Designation Date:**
   1985

6. **Description of national data flow:**
   There is no special organization of data flows. All data from the Institute of Oceanology – Bulgarian Academy of sciences (IO-BAS) is managed by the BGODC.

   1. **Metadata management:**
      - BGODC collects Cruise Summary Reports (CSR) for Bulgarian research vessels and operates an in-house web driven metadata database system.
      - BGODC contributes to EC project SeaSearch supplying CSR data.
      - For monitoring/operational systems BGODC contributes to EDIOS, Black Sea GOOS and Ministry of Environment and Waters.

   2. **Data tracking:**
      - There no system for data tracking.

7. **What is the structure of marine data management in your country:**
   1. How many organisations are involved?

   Several organizations are involved in ocean data collection in Bulgaria.
1) Institute of Oceanology – Bulgarian Academy of Sciences
2) Institute of Fishery and Aquacultures
3) National Institute of Meteorology and Hydrology – Bulgarian Academy of Sciences
4) Black Sea Basin Directorate - Ministry of Environment and Waters
5) Hydrographic Survey – Bulgarian Navy
6) Central Laboratory of Higher Geodesy – Bulgarian Academy of Sciences

2. Who does what?
Central Laboratory of Higher Geodesy manages sea level data. National Institute of Meteorology and Hydrology manages meteorological data. Black Sea Basin Directorate manages monitoring data. Hydrographic Survey manages hydrophysical data. Institute of Fishery and Aquacultures manages biological data. Institute of Oceanology manages physical, chemical, biological and geological data. The individual institutions are responsible for data collection and quality control.

3. What data goes where?
There is no regular data exchange between institutions. Data are exchanged only on demand or in frame of common projects.

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

5. What gets passed on to other organisations?
The BGODC provides to the other institutions data on request.

6. What regional links and data centres are there?
There are no regular regional links.

8. What are the strengths and problems of the present arrangements nationally, regionally and internationally?:
There is no working system for data exchange on national level as well as on regional level. For international level the IODE system is used.

9. What improvements could be made nationally, regionally and internationally?:
On national level the rules for data exchange between institutions should be developed. On regional level the agreement for oceanographic data exchange between Black Sea countries should be negotiated.

10. What future national activities are planned?:
To develop National Oceanographic Data Exchange Policy.
To achieve agreement for free data exchange between institutions.
BGODC is a natural place to archive marine data. Other Bulgarian institutions should be encouraged to send their data to the data centre.

11. What national, regional or international projects is your NODC involved in (both IODE and non-IODE) . Examples: Argo, GTSP, EDMED, EDIOS, Sea-Search, GODAR,...

BGODC is involved in following projects.

1) Sea-Search
2) ARENA
3) EDIOS
4) ASCABOS