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**INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
(of UNESCO)**

**Twentieth Session of the IOC Committee on International Oceanographic Data
and Information Exchange (IODE-XX)
Beijing, China, 04-08 May 2009**

**Inter-Sessional Report of the WDC for
Oceanography, Silver Spring**

This report covers the period January 2007 – March 2009 (inter-sessional period between IODE-XIX and IODE-XX). The report has two parts: one for the IODE national coordinator for oceanographic data management and one for the IODE national coordinator for marine information management. Please make sure that part 1 is filled by the IODE national coordinator for oceanographic data management and Part 2 is filled by the IODE national coordinator for marine information management. Please submit the reports electronically as MS-Word files. Please submit the national reports by 1 January 2007.

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Details of the Data Centre:

Official name: **WDC for Oceanography, Silver Spring**
Host Organization: **U.S. National Oceanographic Data Center**
Name of the Head of the Host Organization: **Dr. Margarita Gregg, Director**
Address: **NODC/NOAA ,E/OC0, 1315 East West Highway, Silver Spring, MD 20910, USA**
Tel: **301-713-3270** / Fax: **301-713-3300**
E-mail: **Margarita.Gregg@noaa.gov**
URL: **www.nodc.noaa.gov**

Where there any major changes in your data centre or its host institution during the past inter-sessional period? **No**

Resources available to your data centre

How many staff are working at your data centre: **2.4 including myself plus support from U.S. NODC as needed.**

How has this number changed year by year since the year 2000: **Remained the same.**

What is the annual operational budget for your data centre (excluding staff cost):

How has this changed year by year since the year 2000:

Online services provided by the data centre:

Note: a “service” is defined in this case as an online data product (eg database) through which users can search, display and/or retrieve oceanographic data.

List here all online services provided by your data centre.

Title: World Ocean Database series

Short description of the service: World’s largest collection of ocean profile data available internationally without restriction

Related project (if appropriate): GODAR project; World Ocean Atlas project; International Ocean Atlas and Information Series publications

URL: www.nodc.noaa.gov

Focus audience(s) of the service: Ocean Data Management and Scientific communities

Has the site been added to OceanPortal (<http://www.oceanportal.org>): yes

Number of visits per month (average of the past year): 40 Gb of data per month is downloaded.

Title: World Ocean Atlas series

Short description of the service: Objectively analyzed, climatological fields of ocean variables at up to 33 standard depth levels between the surface and 5500 m depth.

Related project (if appropriate): World Ocean Database project, GODAR project; International Ocean Atlas and Information Series

URL: www.nodc.noaa.gov

Focus audience(s) of the service: Ocean Data Management and Scientific communities

Has the site been added to OceanPortal (<http://www.oceanportal.org>): yes

Number of visits per month (average of the past year):

Title: International Ocean Atlas and Information series

Short description of the service: Regional atlases, statistical analyses of data, and/or informational documents related to oceanography.

Related project (if appropriate): World Ocean Database project, GODAR project

URL: www.nodc.noaa.gov

Focus audience(s) of the service: Ocean Data Management and Scientific communities, IPCC and similar assessments

Has the site been added to OceanPortal (<http://www.oceanportal.org>): yes

Number of visits per month (average of the past year):

IODE data flow

How many data sets have been received by your data centre and added to your collection during the period January 2007 – December 2008:

- physical oceanography data:460
- chemical oceanography data:098
- biological oceanography data:015
- geological/geophysical data:000
- remotely sensed data: ...12386

- marine meteorology & atmospheric science:203
 - other:
- Specify:

Does your data centre maintain a metadata catalog: yes

If you answered 'Yes' to the previous question then is the catalog available online:

yes

If you answered 'Yes' to the previous question then what is the URL: **www.nodc.noaa.gov**

Oceanographic data policy

How is your country applying the 'IOC Oceanographic Data Exchange Policy' adopted as Resolution IOC-XXII-6 in 2003? (SEE <http://www.iode.org/contents.php?id=200>)

WDC for Oceanography follows the ICSU and IOC policies of making all data available without restriction.

Cooperation in national and international programmes/projects

Please list all national and international projects and programmes in which your data centre is currently involved:

Title of project/programme: Global Oceanographic Data Archaeology and Rescue (GODAR) Project

Short description of the project/programme: Locate and rescue historical oceanographic data

Main coordinator of the project/programme: Sydney Levitus, WDC for Oceanography, Silver Spring, USA

Role of your data centre in the project/programme: Sydney Levitus is the GODAR Project Leader

URL of the project: www.nodc.noaa.gov

URL of the project at your data centre web site: www.nodc.noaa.gov

Starting date of the project/programme: 1993

Ending date of the project/programme: ongoing

Total budget of the project/programme:

Funding received by your data centre from the project/programme: none

Does the project cover staff cost in your data centre: yes no

Title of project/programme: World Ocean Database Project

Short description of the project/programme: stimulate exchange of modern oceanographic data and prepare global and regional oceanographic databases and atlases

Main coordinator of the project/programme: Sydney Levitus, WDC for Oceanography, Silver Spring, USA

Role of your data centre in the project/programme: Sydney Levitus is the WOD Project Leader

URL of the project: www.nodc.noaa.gov

URL of the project at your data centre web site: www.nodc.noaa.gov

Starting date of the project/programme: 2002

Ending date of the project/programme: ongoing

Total budget of the project/programme:

Funding received by your data centre from the project/programme: none

Does the project cover staff cost in your data centre: yes no

National requirements

Continue the GODAR and WOD projects.

IODE impact

How has your information centre benefited during the past two years from membership of the IODE programme? This benefit can be direct (eg people trained) or indirect (eg thanks to the training received our information centre was recognized by national research institutions as the national oceanographic library). Please also indicate what the IODE programme membership and participation allowed you to do that you would otherwise not (or less easily) have been able to do.

WDC for Oceanography, Silver Spring has benefited from membership in IODE by receiving historical and modern ocean profile data which it then distributes to all member states in the form of products.

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