ICSU World Data System activities

International Programme Office

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WDS Highlights in 2012

- WDS-IPO Ministerial Inauguration
- New Scientific Committee:
    - Asia/Pacific: 2 Japanese, 1 Chinese, 2 Australians
    - Vice-chairs: F. Genova and M. Diepenbroek
- Expanding Membership:
    - 48 Regular, 4 Network, 2 Partner, 8 Associate
- WDS as GEO Participating Organization
- Collaboration with CODATA:
    - Planet Under Pressure, Rio+20, Future Earth
    - Joint or co-located conference in 2014

Priority Areas

A. Community building

Coordination forum for data centres and services to document common practices and standards.

- Work with Network Members: IVOA, IODE, IGS, ESDIS.
- Recruit new Network Members: IUGONET, ISES…
- Foster new networks (thematic, national, regional)
- Increase disciplinary coverage (Social, health…)

Priority Areas

B. Data Publication and Curation Service
Adoption of data publication and citation frameworks for WDS Members.

- Working Group Charter (Chair: M. Diepenbroek)
- Open to WDS Members
- Links with Science Publishers: Willey, Elsevier
- Links with existing groups (CODATA/ICSTI Data Citation, DataCite, SCOR/IODE, PREPAREDE)

Priority Areas

C. Open Metadata Catalogue
Aggregated and published metadata, discoverable and accessible datasets of WDS Members.

D. Scalable Knowledge Network
Rich catalogue on global capability with respect to scientific data centres and service providers.

- Working Group Charter (Chairs: K. Finney and W. Hugo)
- Open to WDS Members

Collaborations

- CODATA:
  - Joint or co-located conference in 2014
  - Possible theme: *'A Science-Driven Global Framework for Multidisciplinary Data Integration'*
  - Joint events leading to the Conference

- GEO/GEOSS
  - Contribution to GEOSS: WDS Open Metadata Catalogue

- Research Data Alliance (RDA)
  - Launch event March 2013
  - Possible joint Working Groups

- SCAR/SCADM
  - Joint forum on Polar Data Management: **Tokyo, Sept 2013**

Governance

- Bylaws for ICSU-WDS
  Participation of Members in WDS and the mechanisms for interaction with the WDS-SC
    - To be developed in 2013
    - Involve Members

- New Website
    - Managed by the IPO
    - Foster collaboration between Members

Capacity Building

- Grant for a second WDS node in South Africa
  - WDC Biodiversity and Human Health
  - Network Data Centre for Socio-Economic Data