



Report to National Members and Supporting Organizations CODATA Activities 2011

Dear friends,

2011 was another busy year for CODATA. I am very happy to report to you on some of the activities that took place during this period. Details of these and more can be found on <http://www.codata.org>

New CODATA Members and New Co-operation Agreements

- National Archives and Records Administration joins CODATA as Supporting Organization <http://www.archives.gov/>
- Computer Network Information Center, Chinese Academy of Sciences joins CODATA as Supporting Organization <http://english.cnic.cas.cn/>
- CODATA and the International Program Office on Integrated Research on Disaster Risk <http://www.irdrinternational.org/> executed a Memorandum of Understanding on future co-operation between both organizations.
- CODATA and the International Society for Digital Earth <http://www.digitalearth-isde.org/> executed a Memorandum of Understanding on future co-operation between both organizations.

CODATA Task Group Activities

- **Task Group: Earth and Space Science Data Interoperability**
Two Task Group working meetings were organized in 2011:
 - ✚ **Uglich**, Russia. International Workshop *Artificial Intelligence in the Earth's Magnetic Field Study. INTERMAGNET Russian Segment* in January 2011
http://uglich2011.gcras.ru/index_e.html
 - ✚ **Melbourne**, Australia within the framework of *IUGG XXV General Assembly and the 12th IAGA Scientific Assembly* in 2011
- **Task Group: CODATA EU Global Information Commons for Science Initiative.** Paris, May 2011. Planning meeting of the 1st Global Thematic Conference of the International Association for the Study of the Commons (IASC) on *Governing Pooled Knowledge Resources in a World of Rapid Social and Technological Change. Building Institutions for Sustainable Scientific, Cultural and Genetic Resource Commons*, 12th-14th September 2012.
- **Task Group: WEAR Anthropometric Data and Engineering**
February 14-18, 2011 the WEAR Task Group met in Adelaide, Australia.
<http://www.sapmea.asn.au/conventions/wear2011>. See more on <http://www.codata.org/taskgroups/TGanthro/Wear%20Newsletter.pdf>



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- **Task Group: Fundamental Physical Constants** announces the public release of the 2010 *Least Squares Adjustments* of the values of the Fundamental Constants. <http://physics.nist.gov/cuu/Constants/index.html>
- **Task Group: Preservation of and Access to Scientific and Technical Data in Developing Countries** In co-operation with the Science Council of Asia, Working Group of Information Systems and Services of the Committee on Earth Observation Satellites and the National University of Mongolia, a Joint Project Workshop on **Open Knowledge and Data Environment for Innovative Research, Education and Society** took place 4-6 July in Ulaanbaatar, Mongolia. See CODATA Newsletter 102 for more information.
- **Task Group: Data Citation Standards and Practices**
Developing Data Attribution and Citation Practices and Standards, Berkeley, CA, August 22-23, 2011. This meeting took place around the **DataCite Conference 2011**, 24th-25th August. <http://datacite2011.eventbrite.com/>
- **Task Group: Data at Risk**
The Task Group participated at the following international meetings:
 - ✚ **Ensuring Long-Term Preservation and Adding Value to Scientific and Technical Data**
Toulouse, France, 15-17 November, <http://www.pv2011.com/>
 - ✚ **7th International Digital Curation Conference "Public? Private? Personal? navigating the open data landscape"** <http://www.dcc.ac.uk/events/idcc11> .
(Overview of the Group to date can be found on) ???
<http://www.codata.org/taskgroups/TGdataatrisk/Report%20300611.pdf>
 - ✚ **The International Council on Archives** officially endorses the Task Group activities.

CODATA activities and meetings organized by CODATA International

- BISO-BRDI-CFRS **International Symposium on the Case for International Scientific Data Sharing: A Focus on Developing Countries**, April 18-19, 2011, Washington. http://sites.nationalacademies.org/PGA/biso/PGA_061353
- **56th CODATA Executive Committee Meeting** Paris, February 2011
- **Call for New CODATA Task Group Proposals, September 2011**
<http://www.codata.org/taskgroups/New-TG-letter.pdf>
- **A joint ICSU/CODATA workshop:** This International Workshop, organized in consultation with the *International Standards Organization* and the *Organization for Economic Co-operation and Development*, will explore the idea of developing a common ontology and inter-operable standards for nanotechnology. The workshop is scheduled to take place in Paris in early 2012.



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CODATA Participation/Representation at external meetings

- **GEOSS 3rd Data Sharing Task Force “Scoping” meeting**, Washington, January 2011
<http://www.earthobservations.org/meetings/meetings.html#past>
- **GEOSS support for IPCC assessments**. A workshop on the data needs of the climate impacts, adaptation and vulnerability research community, February 2011, Geneva
http://www.earthobservations.org/geo_me_201102_ipcc.shtml
- **ICSU, Strategic Coordinating Committee on Information and Data**, March 2011, Paris
<http://www.icsu.org/what-we-do/committees/information-data-sccid/>
- **ICSU World Data System**, meeting March 2011, Paris
- **WSIS Forum**, May 2011, Geneva <http://groups.itu.int/wsis-forum2011/Home.aspx>
- **UN ISDR 3rd Global Platform**, May 2011, Geneva
<http://www.preventionweb.net/globalplatform/2011/programme/ignitestage/v.php?id=309>
- **IUGG XXV General Assembly**, July 2011, Melbourne
<http://www.iugg.org/assemblies/2011melbourne/>
- **The IASSIST, International Association for Social Science Information Service and Technology**, May 2011, Vancouver <http://www.rdl.sfu.ca/IASSIST/index.php/Sponsors/> (CODATA was an official sponsor)
- **30th ICSU General Assembly**, September 2011, Rome <http://www.icsu.org/general-assembly/homepage>
- **1st ICSU World Data System Conference - Global Data for Global Science**, September 2011, Kyoto <http://wds-kyoto-2011.org/>
- **Disaster Risk: Integrating Science and Practice**, October 31st-November 2nd Beijing,
<http://www.irdrinternational.org/irdr-conference-2011/>
- **GEO-VIII Plenary Session**, November 2011, Istanbul
GEO 2012-2015 Work Plan is approved http://www.earthobservations.org/documents/geo-viii/20_GEO%202012-2015%20Work%20Plan.pdf The work on Advancing the GEOSS Data Sharing Principles continues and is recognized as a dedicated Task under “*Institutions and Development*” in the Work Plan.

CODATA Publications

- CODATA Newsletter 99 http://www.codata.org/resources/newsletters/Newsletter_99.pdf
- CODATA Newsletter 100 http://www.codata.org/resources/newsletters/Newsletter_100.pdf
- CODATA Newsletter 101 http://www.codata.org/resources/newsletters/Newsletter_101.pdf
- CODATA Newsletter 102 http://www.codata.org/resources/newsletters/Newsletter_102.pdf
- CODATA Journal published papers http://www.jstage.jst.go.jp/browse/dsj/10/0/_contents



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2011 was a very special year for CODATA as it marked an important milestone in the decades-long history of the organization. The year culminated with a high level one day International Symposium on 30th October, Beijing to commemorate CODATA's 45th Anniversary. The event **Data Intensive Science and Discovery - CODATA 45 years on** brought together CODATA's members and contributors to look back on the international organization's history as well as discussing the next phase of CODATA's evolution as it moves forward over the coming five years.

The Agenda can be found on <http://www.codata.org/CODATA%2045%20Agenda.html>. A special video was commissioned and can be accessed on http://www.youtube.com/watch?v=wIAoAQu_qjs. A report on the event is currently being prepared and will be available online early next year and a detailed publication on the history of the organization will be launched at the 23rd International Conference in 2012.

I want to highlight the event in this report as the activities, achievements and accomplishments of the organization over its 45 year history would not or could not have been achieved without the support of our National Members and Supporting Organizations.

Looking forward to 2012 and beyond, this continued support is important:

- ✚ As we prepare for the 23rd CODATA International Conference "**Open Data and Information for a Changing Planet**", 28-31 October 2012, Taipei;
- ✚ As we craft the content of our Strategic Plan 2013-2018 which will be presented at the 28th CODATA General Assembly in Taipei on November 1-2, 2012
- ✚ As we implement our scientific agenda through:
 - ✓ Our existing Task Groups and our New Task Groups that will be approved at our next General Assembly,
 - ✓ Our Workshops (e.g. the joint ICSU/CODATA workshop on nanotechnologies),
 - ✓ Our outreach at Meetings and Conferences (e.g. **Planet Under Pressure** 2012, <http://www.planetunderpressure2012.net/>). We are organizing a session on **Data Challenges for Global Sustainability**, in collaboration with the ICSU World Data System.

These are just some of the activities on our calendar as we enter 2012. More information on these and others will be available on our website over the coming months.

We thank you for this support and we look forward to working with you over the coming year.

The very best wishes to you and all your colleagues for 2012.

Best regards,

Huadong GUO
CODATA President