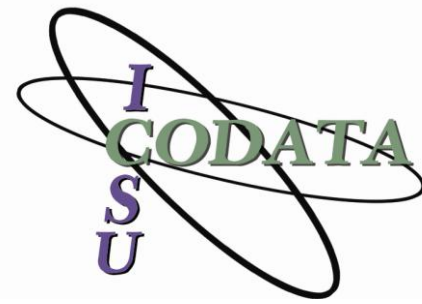




IRDR

Integrated Research on Disaster Risk



IRDR-CODATA Cooperation

GUO Huadong

7th IRDR Scientific Committee Meeting
11 May 2012, Naples, Italy

CODATA and ICSU



ICSU

International Council for Science

Interdisciplinary Bodies

Antarctic Research (SCAR)	Biodiversity (DIVERSITAS)	Climate Observations (GCOS)
Climate Research (WCRP)	Data for Science & Technology (CODATA)	Disaster Risk (IRDR)
Ecosystem Change & Society (PECS)	Geosphere-Biosphere (IGBP)	Human Dimensions of Global Environmental Change (IHDP)
Ocean Observations (GOOS)	Ocean Research (SCOR)	Solar-Terrestrial Physics (SCOSTEP)
Space Research (COSPAR)	Terrestrial Observations (GTOS)	World Data System (WDS)

CODATA's Mission Statement

“The mission of CODATA is to strengthen international science for the benefit of society by promoting improved scientific and technical data management and use.”

Driving CODATA Onward

- 11 task groups
- 2 working groups
- 20 national members
- 16 scientific unions
- 3 co-opted organizations
- 19 supporting organizations
- Data Science Journal
- Biennial CODATA conferences
- Executive Committee and Secretariat

IRDR Delegation Participated CODATA Meeting



On 30 October 2011, CODATA held “Data-Intensive Science and Discovery – CODATA 45 Years On” at CEODE. During the meeting, Gordon McBean, Sálvano Briceño, Jane Rovins and Angelica Wirtz participated on behalf of IRDR.

$$k_s = h/\lambda$$



In the realm of science, the meeting was not short of influential representatives. ICSU President Y.T. Lee, CAS President Bai Chunli, and Past-Presidents of CODATA John Rumble, Shuichi Iwata and Krishan Lal attended the meeting.



$$k_s = h/\lambda$$

CODATA Participated IRDR Conference 2011

The conference was a major step forward in the IRDR program's goal to bring together researchers, policy makers, and other stakeholders from diverse geographic, scientific, and institutional backgrounds.

CODATA Secretary-General Robert Chen chaired a session, "Integrated Disaster Data in Support of Integrated Disaster Research"





Planet Under Pressure Conference 2012

Parallel Session: Data challenges for global sustainability

Conveners: Roberta Balstad, Earth System Sustainability Initiative; Kathleen Cass, CODATA; Michael Diepenbroek, WDS

Angelica Wirtz participated at this session and gave a presentation on the need of disaster loss data for global sustainability.



PLANET
UNDER
PRESSURE
2012 MARCH 26-29
LONDON

NEW
KNOWLEDGE
TOWARDS
SOLUTIONS



CODATA International Conference: Focus on Science and Society



- **Scientific Data and Sustainable Development**
- **Scientific Information for Society - From Today to the Future**
- **Scientific Data and Knowledge within the Information Society**
- **The Information Society: New Horizons for Science.**

23rd CODATA International Conference 2012: Taipei



CODATA welcomes IRDR to participate at this conference and hold a session or side event. It is a good way to integrate IRDR's disaster research and CODATA's data science.

Time: 28-31 October, 2012

Venue: Taipei

Deadline of Call for Abstracts and Sessions: 25/05/ 2012

Website: <http://www.codata2012.com/>

3. **“for a Changing Planet”**—Science is the key to providing reasoned solutions to climate change, population pressure, natural hazards, and other global issues

MOU-IRDR and CODATA

- Reaching out to national scientific institutions, ICSU interdisciplinary bodies, and international scientific organizations dealing with data.
- CODATA is concerned with data and information across all scientific disciplines, its role is necessarily that of a coordinator, requiring CODATA to work closely with a broad range of organizations.



“Hand in Hand”



The background features a blue arc at the top and a grid pattern at the bottom. Faint mathematical formulas and chemical structures are visible in the upper left corner, including $b_i - (\sum_{j=1}^n a_{ij}x_j^{(i)})$, $\Delta y_i = \int_{x_{i-1}}^{x_i} y dx$, $\int_{x_0}^{x_1} f(x,y) dy$, and $k_2 = \dots$.

Thank you