



# **From China to South African: The Role of CODATA Task Group of Preservation of and Access to S&T Data in Developing Countries**

**Co-Chairs of CODATA Task Group on Preservation of and Access to  
S&T Data in Developing Countries**

**Prof. Liu Chuang, Chinese Academy of Sciences, China**

**Dr. William Anderson, PRAXIS101, USA**

*20th CODATA, 25 October 2006 Beijing China*



## Missionary of the CODATA TGDC

1. Promote a deeper understanding of the needs of developing countries with regard to long-term preservation, archiving, and access to scientific and technical (S&T) data.
2. Advance the development and adoption of improved S&T data archiving procedures, technologies, standards, and policies, with special attention to these efforts in developing countries.
3. Provide an interdisciplinary forum and mechanisms for exchanging information about S&T data archiving requirements and activities, with particular focus on the concerns and needs of developing countries. Publish and disseminate broadly the results of these efforts



# Milestones of the CODATA TGDC (1) CODATA WG 2000

*CODATA Working Group on  
Archiving Scientific Data*





# Milestones of the CODATA TGDC CODATA WG 2000

In October 2000, a planning meeting during the 17<sup>th</sup> International CODATA Conference was held to review issues related to the archiving and preserving of scientific data. This seeks to establish a CODATA working group to focus on the special issues of archiving scientific data.

*CODATA Working Group on  
Archiving Scientific Data*

**Proposal** submitted to the CODATA Executive Committee for the Establishment of an Official CODATA Working Group on Archiving Scientific Data.



# Milestones of the CODATA TGDC CODATA WG 2002



**Workshop on Archiving Scientific  
and Technology Data**  
**May 20-21, 2002. Pretoria, South  
Africa**



**Join Organizers:**  
South African National Committee for  
CODATA, CODATA Working Group on  
Data Archiving & National Research  
Foundation



# Milestones of the CODATA TGDC

## CODATA TG 2002

**CODATA Task Group  
on Preservation and  
Archiving of Scientific  
and Technical Data in  
Developing Countries**

*Approved by the CODATA  
23rd General Assembly in  
Montréal 2002*

- **Co-Chairs:**

**Dr. William Anderson**  
**PRAXIS101, USA**

**Prof. Liu Chuang**  
**Chinese Academy of  
Sciences, China**

- **Executive Committee  
Liaison:**

***Prof. Steven Rossouw***  
***South Africa CODATA  
Committee, SA***



# Milestones of the CODATA TGDC CODATA WG 2004

**CODATA Task Group on Preservation  
and Archiving of Scientific and  
Technical Data in Developing Countries  
*Renewal approved by the CODATA  
General Assembly, Berlin 2004***



# Milestones of the CODATA TGDC CODATA TG 2005

**New Name for the Task Group Approved by  
the CODATA Officers 2005:**

**CODATA Task Group on Preservation of and  
Access to S&T Data in Developing Countries**



## Activities of the CODATA TGDC

- (1) Work with CODATA national committees and related organizations to identify the challenges and critical issues in preservation of and open access to scientific data in developing countries**



# Activities of the CODATA TGDC

## International Workshop on Strategies for Preservation of and Open Access to Scientific Data June 22-24, 2004     Beijing China

### Joint Organizers

- Department of Basic Research, Ministry of Science and Technology of China (MOST)
- CODATA Task Group on Preservation and Archiving of S&T Data in Developing Countries
  - Chinese National Committee for CODATA
  - U.S. National Committee for CODATA

**Beijing  
Workshop**

**June 2004**



**More than 160  
Participants  
from 17  
Countries**





# Activities of the CODATA TGDC

**Strategies for Permanent Access to Scientific information in  
Southern African: Focus on Health and Environmental  
Information for Sustainable Development, An  
International Workshop**

**5-7 September 2005, Pretoria, South Africa**



# Activities of the CODATA TGDC

## Joint Organizes:

- **CODATA Task Group on Preservation of and Access to S&T Data in Developing Countries**
- **South African National Committee for CODATA**
- **U.S. National Committee for CODATA**

**With Support by NRF**

**104 Participants from 14 Countries**

# Task Group Activities

- **WG Workshop 2002, Pretoria, South Africa**
- **WG Session 18th CODATA, 2002 Montréal Canada**
- **ICSU/CODATA Team 2003 for WSIS Geneva**
- **TG Workshop 2004, Beijing, China**
- **TG Session 19th CODATA, 2004 Berlin Germany**
- **TG Workshop 2005, Pretoria, SA**
- **ICSU/CODATA Team 2005 for WSIS Tunis**
- **TG Session, 20th CODATA, 2006 Beijing**
- **TG Workshop 2007, Brazil (in schedul)**

# Activities of the CODATA TGDC



## Web Site Development

CODATA website: <http://www.codata.org>  
(with the introduction to the TGDC)



CODATA TG website: <http://www.tgdc-codata.org.cn>  
(China)



CODATA TG website in SA:  
<http://stardata.nrf.ac.za/html/workshopCodata1.html>

CODATA TG activities website in USA: <http://www.>

# Activities of the CODATA TGDC



## Publications

**Strategies for Preservation of and Open Access to Scientific Data in China, 2006**



**Strategies for Permanent Access to Scientific Information in Southern Africa: Focus on Health and Environmental Information for Sustainable Development, 2006**

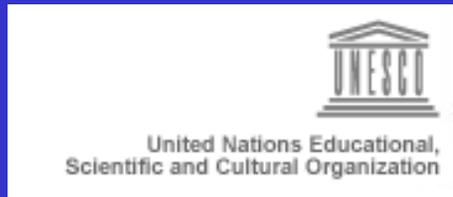




## The Near and Mid-Term Future of the TG

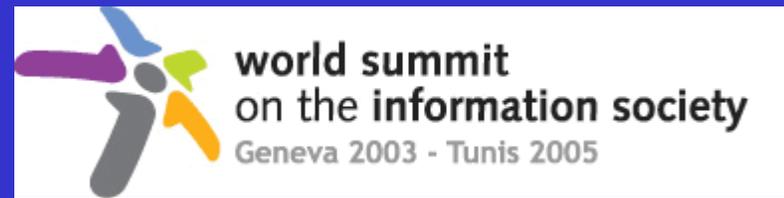


- Continue to play a bridge role in reducing the digital divide of the scientific and technology data in collaboration with CODATA national committees, ICUS bodies, and relevant regional and international organizations



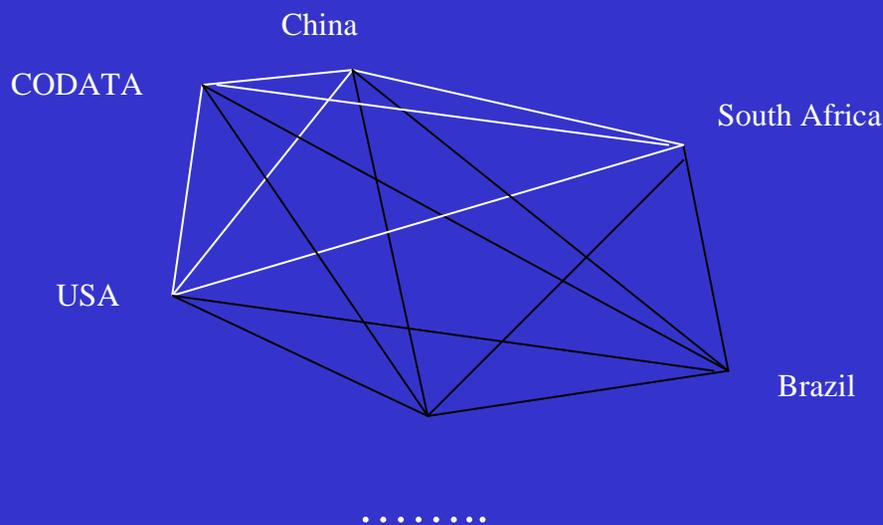
# The Near and Mid-Term Future of the TG

- Continue to play an active partner role by participating in joint activities, such as workshops, meetings, and training programmes. The TG will continue to encourage its members to be more actively involved in joint activities.



# The Near and Mid-Term Future of the TG Activities

- Continue to play a special role in developing its web site, publications and information network, and make them more timely and effective
- Making the TG website to be the network
- Publications and Reports



## **Summary:**

# **The Role of the CODATA Task Group on Preservation of and Access to S&T Data in Developing Countries**

**Play a leading and coordinating roles in**

- identifying the new issues and challenges in scientific and technology data in developing countries and**
- in organizing a country series of international workshops to establish outreach and organizational networks that can help solve the problems in the information society in developing countries**

**Welcome to join the  
TG activities and  
thank you very much !**