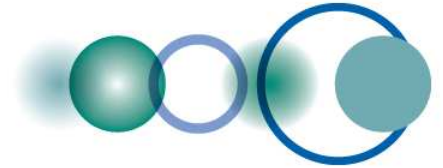


GEOSS Data Sharing Principles Implementation

**Masami Onoda
GEO Secretariat**

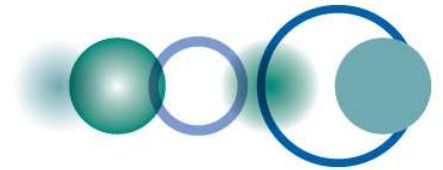
**2 July 2009
Forest Monitoring Symposium,
Chaing-Rai, Thailand**





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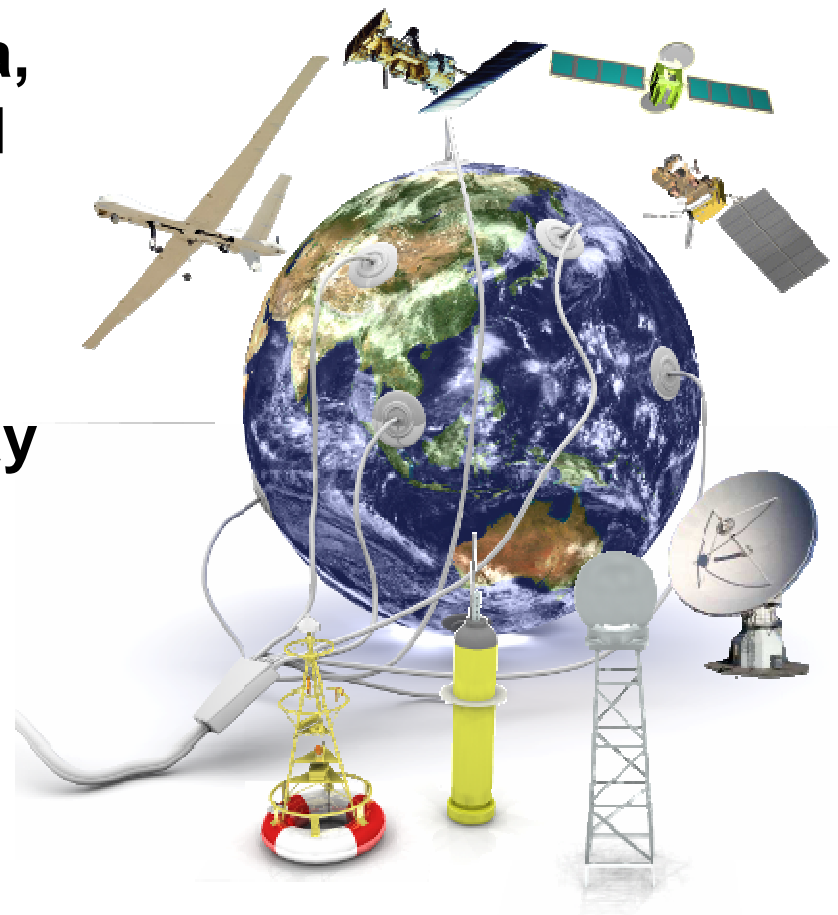
1. GEOSS Data Sharing Principles
2. Cape Town Declaration
3. Task Team on Data Sharing Principles
4. Data Sharing Implementation Guidelines
5. Data Sharing Task Force
6. Discussions Highlights
7. Preliminary Questions for Forest Carbon
8. Conclusion

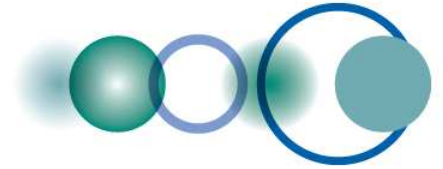


1. GEOSS Data Sharing Principles

GEOSS 10-year Implementation Plan (2005)

- **Full and open exchange of data, metadata, and products shared within GEOSS**
- **Shared data, metadata & products at minimum time delay and minimum cost**
- **Free of charge, or cost of reproduction, encouraged for research & education**

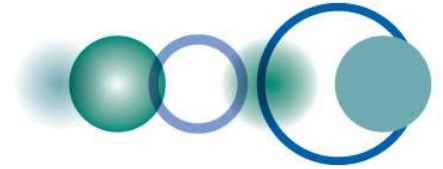




2. Cape Town Declaration

The GEO Ministerial Summit in Cape Town stated:

“We support the establishment of a process with the objective to reach a consensus on the implementation of the Data Sharing Principles for GEOSS to be presented to the next GEO Ministerial Summit.”



3. Task Team on Data Sharing Principles

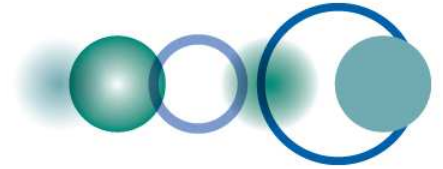
- In 2006 GEO established task (DA-06-01) to further the practical application of the agreed GEOSS Data Sharing Principles
- Led by the Committee on Data for Science and Technology (**CODATA**), an interdisciplinary committee of the International Council for Science (ICSU)
- Produced the following deliverables (available on the GEO website):
 - **Data Sharing Principles Process Paper**
 - **Implementation Guidelines**





4. Data Sharing Implementation Guidelines

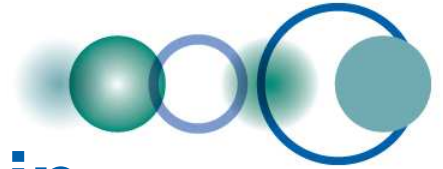
1. Promote implementation of GEOSS Data Sharing Principles through the full and open exchange of data
2. Encourage users to reuse and re-disseminate data
3. Ensure consistency with other national laws and policies and international agreements
4. Implement pricing policies consistent with GEOSS Data Sharing Principles
5. Reduce time delays for making data available
6. Promote research and education uses
7. Develop metrics and indicators for data sharing activities
8. Develop effective coordination and outreach mechanisms for implementing the Data Sharing Principles.



5.1 Data Sharing Task Force

The 2008 GEO-V Plenary agreed on the establishment of a **Data Sharing Task Force**:

- To support the Group on Earth Observation (GEO) in its objective to reach a consensus at its 2010 Ministerial Summit on the practical steps to implement the GEOSS Data Sharing Principles.
- To reconfirm the Cape Town Declaration that “*the success of GEOSS will depend on a commitment by all GEO partners to work together to ensure timely, global and open access to data and products*”.



5.2 Task Force Membership

Brazil

Cameroon

Canada

China*

Czech Republic

EC*

France

India*

Italy

Japan*

Netherlands

Slovenia

UK

USA*

GSDI

ICIMOD

ICSU & IISL* (Task Team)

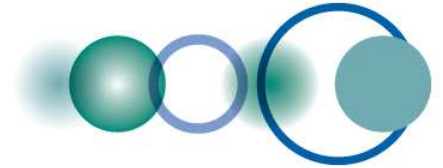
OGC

UNEP

UNOOSA

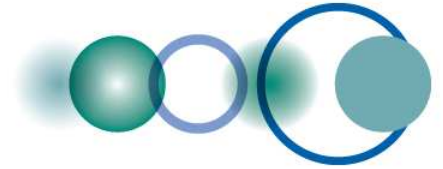
* Co-Chairs

Open to Additional Members



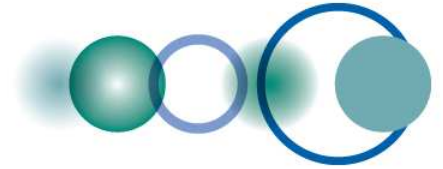
5.3 Task Force Meetings

- **First Task Force Meeting: 27-28 May 2009**
- **Bi-weekly teleconferences**
- **Planning a Session/Workshop at Melbourne Committee meetings, Sept. 2009**
- **Planning a Report/Side event/Exhibition at GEO-VI Plenary in Washington DC, Nov. 2009**



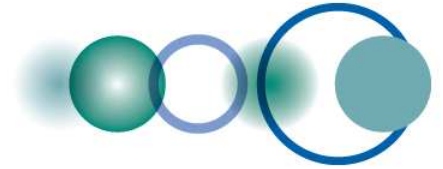
5.4 Data Sharing Task Force *Objectives*

1. Update the Implementation Guidelines for GEO-VI
2. **Interact with GEO Communities** on their data sharing opportunities and needs and work to promote harmonisation of data sharing procedures
3. Prepare an Action Plan for implementation and to enable working procedures for data sharing
4. Produce documentation to support adoption of the Implementation Guidelines and the Action Plan by the 2010 GEO Ministerial Summit
5. Consider possible recommendations to improve the principles for data sharing within GEOSS.



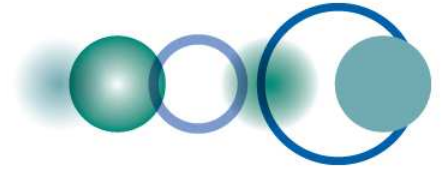
6.1 Discussions Highlights: Data Sharing Principles and GEO Communities

- Interfaces between the Task Force and the GEO Communities and Committees are necessary to identify data sharing needs, barriers to data sharing, and define procedures and workarounds
- The need to avoid different data sharing implementations in different parts of GEOSS, and the role of the task force in harmonizing implementation
- Selected communities like *Forest Carbon* are currently already addressing data sharing, and the Data Sharing Task Force should reach out to such interfaces.

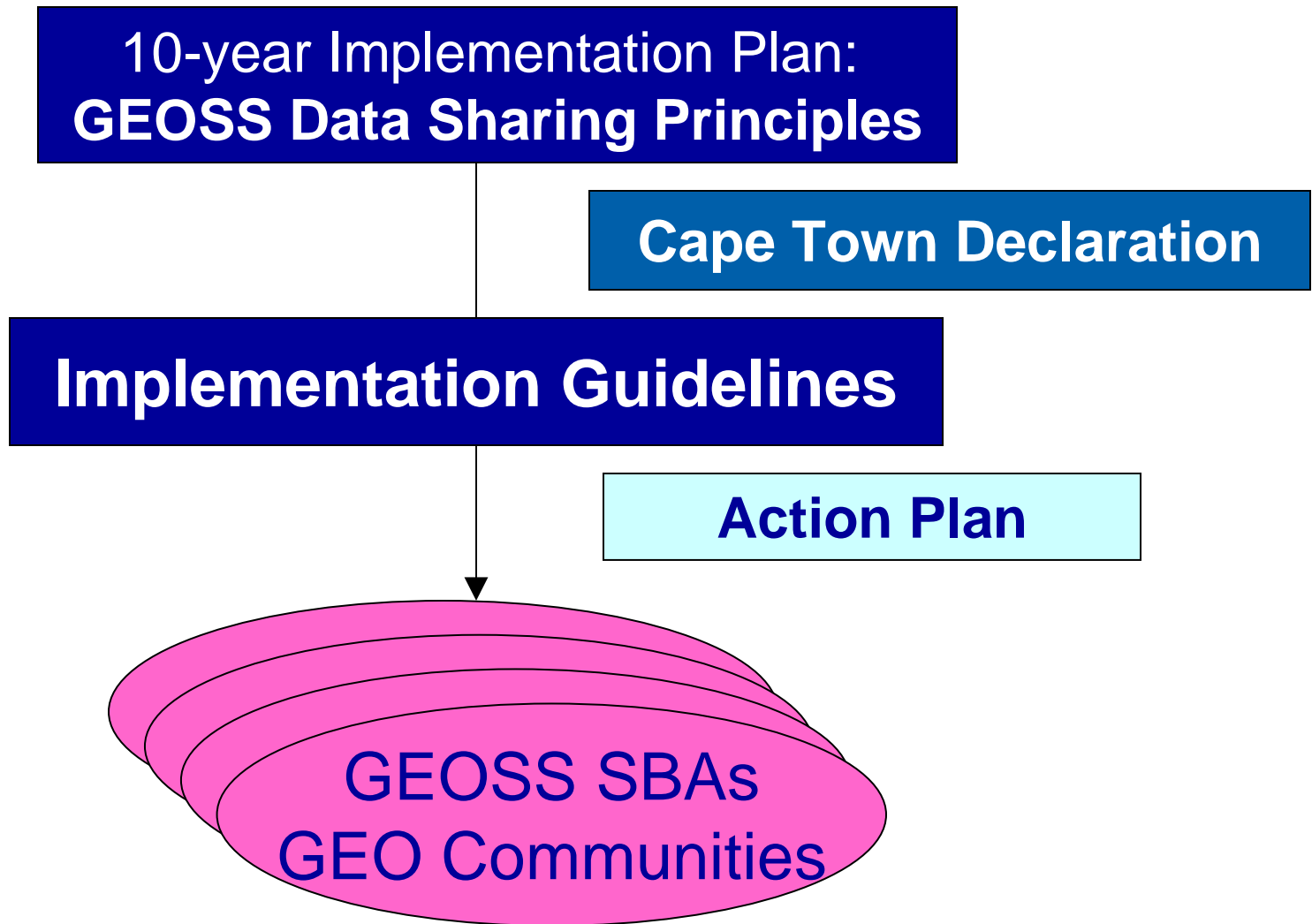


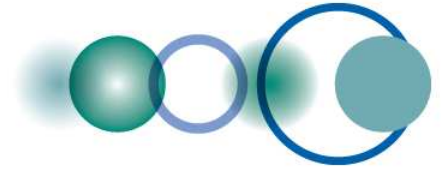
6.2 Discussions Highlights: Some near-term Community actions

- To develop working data sharing practices and procedures consistent with the GEOSS Data Sharing Principles
- Promote understanding of responsibilities by both providers and users of GEOSS data products and services with regard to data dissemination, access, use, and reuse
- Begin **formalizing data sharing practices and procedures** of major GEO initiatives such as Global Carbon Monitoring, GEONetcast, GEOBON and others
- GEOSS Common Infrastructure (GCI) and Initial Operating Capability (IOC) should also begin to incorporate tools to implement data sharing policies and procedures



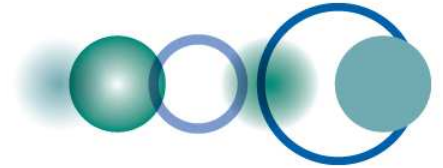
Data Sharing Principles Implementation





7. Preliminary Questions

- Have you been developing or do you have data sharing policies or procedures in your area?
- If you do not, do you need them?
- Do you have any other concerns and issues about Data Sharing Implementation Guidelines?

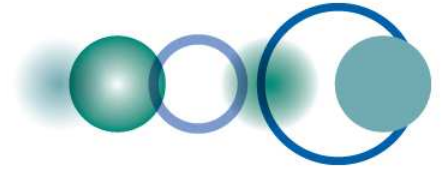


8. Conclusion

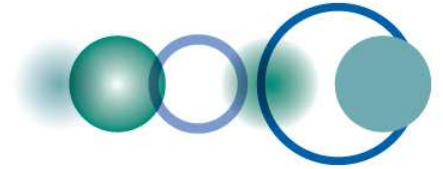
- GEOSS Data Sharing Task Force has been established in response to 2008 GEO-V Plenary; first meeting held in May 2009 to revise the Implementation Guidelines for adoption at the 2010 Ministerial
- Interfaces between the Task Force and the GEO Communities and Committees are necessary to identify needs, barriers and develop procedures
- GCI to incorporate tools to implement data sharing policies and procedures

Thank you



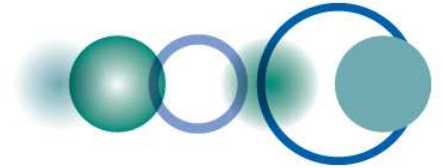


Back-up Charts



Summary

- The Success of GEOSS is contingent upon implementation of the GEOSS Data Sharing Principles
 - **Within the individual elements of GEOSS and by GEO Members**
- No single set of rules will apply to all types, sources, and uses of data
 - **Clear set of guidelines, definitions, and minimum expectations will help to improve the sharing of data within GEOSS**
- GEOSS Data Sharing Principles
 - **Facilitate the application of data by diverse users in the SBAs**
 - **Establish overarching strategic policy goals**
- Implementation Guidelines for GEOSS Data Sharing Principles
 - **Designed to facilitate the development of clear, balanced, and workable data sharing procedures**
 - **Consistent with the GEOSS Data Sharing Principles**



Data Sharing Task Force Milestones

