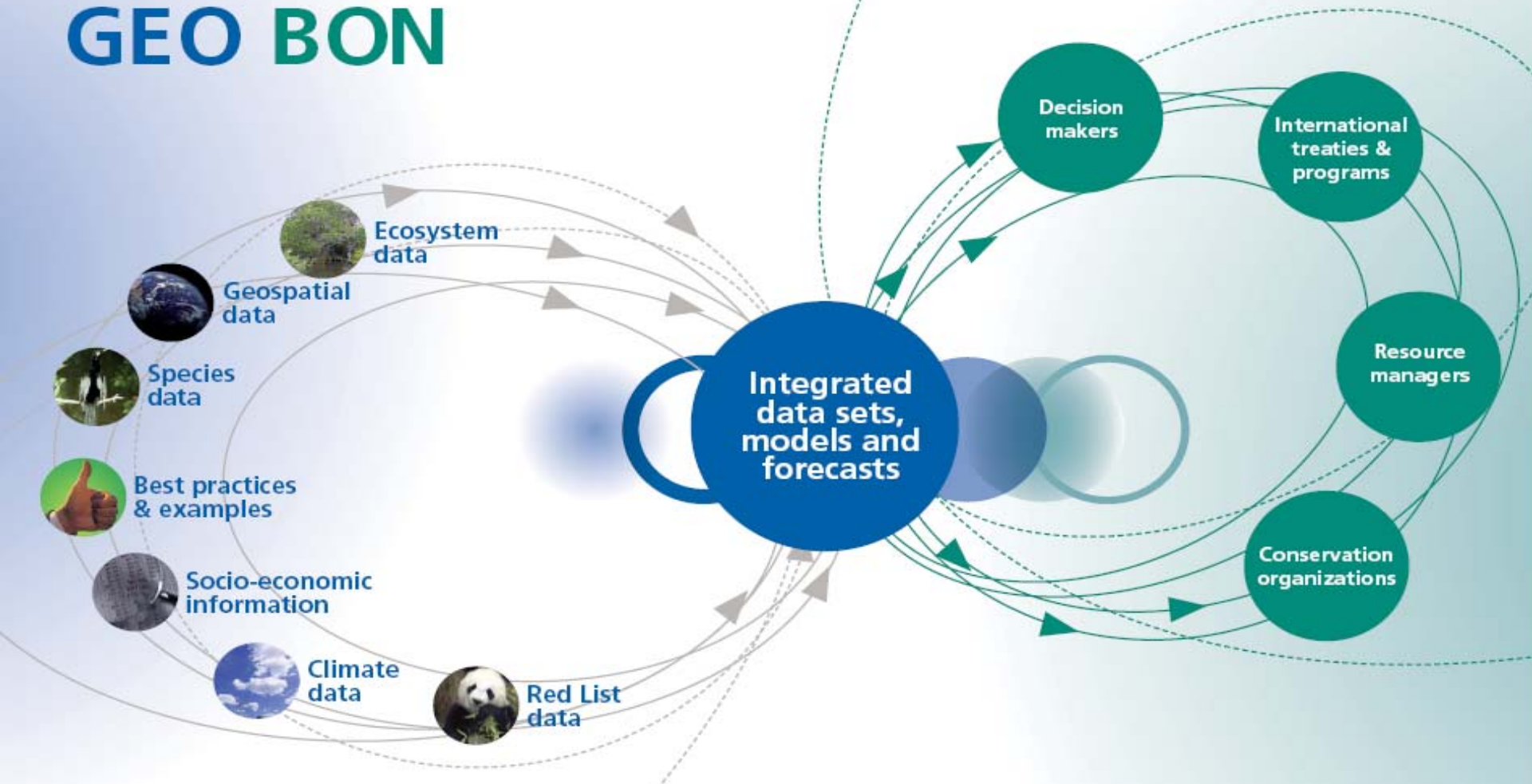


The Group on Earth Observations Biodiversity Observation Network **GEO BON**



25 September 2008
Boulder

AIP Phase 2 Kickoff
Workshop

Stefano Nativi
University of Florence at Prato

Gary Geller
Jet Propulsion Laboratory
California Institute of Technology

Mission

**To collect, manage, analyze, and share data...
on the status and trends of the world's
biodiversity...
to promote conservation and the sustainable
management of a rapidly changing world**



Why is it needed?

❑ Much wonderful data but...

- Many scattered, disparate data sources
- Weak support of global assessments

❑ Limited coordination

- Data collection
- Data distribution



Goals

- Create a system of biodiversity observation systems**
- Establish a global biodiversity observation data clearinghouse**

- Assess current state of biodiversity**
- Monitor change over time**
- Quantify and map the *causes* of change**
- Record the *impacts* of change**
- Provide ecological forecasts**

Biodiversity Observation Network

- ❑ Focused on change
- ❑ Works at multiple scales
 - Ecosystems, species, genes
- ❑ Framework for integrating existing observation systems



Target Users

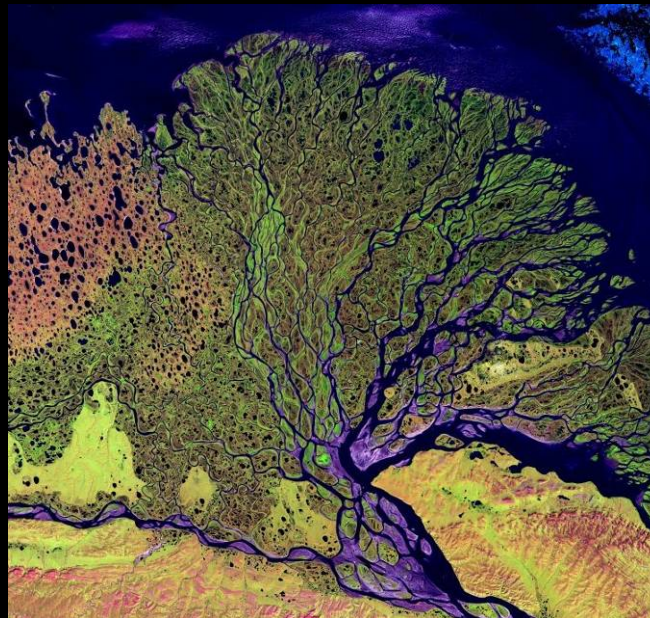
- Decision makers and policy makers
- Natural resource managers
- Researchers
- Governments
- NGOs
- Public



Approach

□ System of systems

- Incremental
- Opportunistic
- Organic (within mission framework)



Status

- ❑ **Held several major workshops with stakeholders**
 - **Led to Concept Document**
 - **Buy-in by community (“permission” to proceed with implementation)**
- ❑ **Now, finalizing Implementation Overview document**
- ❑ **Present at GEO Plenary in November**
- ❑ **Shortly, will focus on**
 - **Producing a few early products**
 - **Detailed implementation plans**
 - **Funding**