

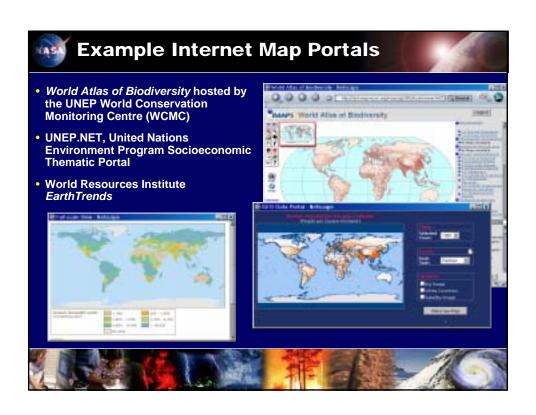


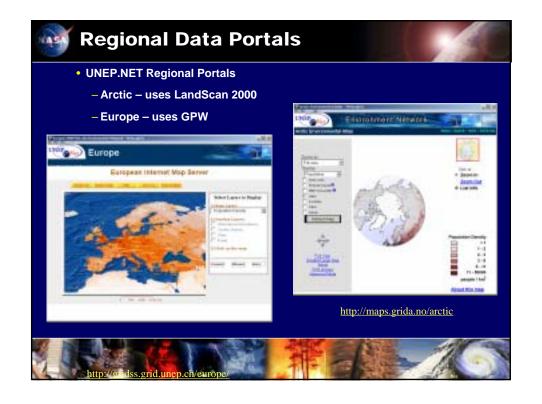


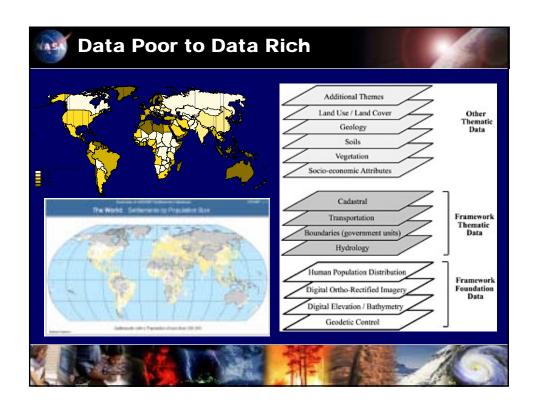


- Proliferation of global datasets on a wide range of topics; greater diversity of data sources in both developed and developing countries, including emerging regional and topical data networks
- Increasing complexity of global databases and more frequent overlap and cross-disciplinary applications
- New tools for providing online visualization of and access to global-scale data
 both "centrally" and from distributed data servers
- Increasing concerns about intellectual property rights, data attribution, metrics on data use, data quality and uncertainty, liability
- Greater diversity of users, from scientists to applied users to students and educators
- Need to improve quality and efficiency of data development, maintenance, archiving, dissemination, and user support
- Need for better justification, assessment of benefits, and more resources for global data development













Workshop Thematic Areas

- Workshop will focus on 4 thematic areas:
 - 1. Environment
 - 2. Food and Agriculture
 - 3. Population & Poverty
 - 4. Health
- Why?
 - Four major areas of global data development of primary concern to organizers
 - Emerging cross-disciplinary overlaps in research and applications
 - Needed to bound the issue to some degree!



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Problems to Avoid!

- Unnecessary confusion among users about which dataset to use for their application
- Inability of users to remember what version of a dataset they used to create a figure or how to cite it
- Easy visualization of data that reveals poorly matched coastlines, boundaries, point locations, labels, projections, etc.
- Misinterpretation or misuse of data due to use of inconsistent reference data or parameters, confusing terminology, poor documentation
- Unnecessary duplication of datasets across many data distributors and extended use of obsolete datasets due to slow updating
- Widespread use of relatively poor quality but unrestricted datasets due to unnecessary restrictions, poor documentation, limited awareness, and/or lack of access to higher quality datasets
- Lots of extra time spent creating and implementing specific data sharing agreements and gathering user metrics from secondary distributors
- Persistent data quality problems on certain key topics, in specific regions, or with respect to spatial and temporal scale and resolution





Workshop Schedule

- Tuesday:
 - Panel 1: User Perspectives
 - Plenary: Key Global Data Initiatives
 - Plenary: Breakout topics
 - Breakout group meetings
 - Dinner and talk by Harlan Onsrud
- Wednesday :
 - Presentation on African activities
 - Panel 2: Inventories, Standardization, Search, Portal
 - Breakout group meetings
 - Roundtable: Roles for Global Data Coordination Mechanisms
- Thursday:
 - Plenary: Breakout Group Reports
 - Panel 3: Data Documentation, Quality, Preservation, Intellectual Property
 - Concluding Discussion: Outcomes and Actions

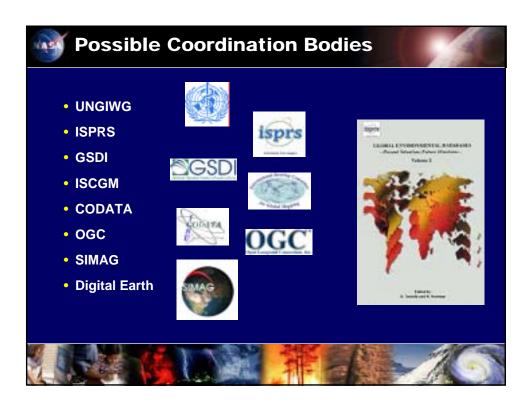


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Breakout Groups

- 1. Principles for Data Sharing and Access
 - Chair: Paul Uhlir (US National Research Council)
 - Rapporteur: Meredith Golden (CIESIN)
- 2. Gaps in Global Data and Collaboration in Data Development
 - Chair: Uwe Deichmann (The World Bank)
 - Rapporteur: Adam Storeygard (CIESIN)
- 3. Data Search, Discovery, & Documentation; Role of Portals
 - Chair: Ron Weaver (NSIDC)
 - Rapporteur: John del Corral (IRI)
- 4. Technical Data Interoperability
 - Chair: William Anderson (Praxis101)
 - Rapporteur: Greg Yetman (CIESIN)
- 5. Science Data Integration
 - Chair: Glenn Hyman (CIAT)
 - Rapporteur: Karen Kline (UCSB/ICSGM)









- Jelle Hielkema this workshop was his idea!
- Organizing Committee participants:
 - FAO: Jelle Hielkema, Jeroen Ticheler, France Lamy, Jeff Tschirley
 - WHO: Steeve Ebener
 - UNEP: Ashbindu Singh, Jaap van Woerden, Ron Witt
 - CGIAR: Stan Wood, Robert Zomer
- Alex de Sherbinin lead organizer within CIESIN
- Jennifer Mulvey all the logistics!
- CODATA co-sponsoring the workshop
- NASA/SEDAC funding local costs
- All participants attending and contributing!

