Potential Roles for Global Data Coordination Mechanisms: Perspectives from the ISCGM

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Global Map

- A globally consistent 1:1,000,000/1km data set based on the contributions of the National Mapping Organizations of the world
- Layers:
  - Elevation
  - Vegetation
  - Land use
  - Land cover
  - Drainage systems
  - Transportation
  - Administrative boundaries
  - Populated places
- Will be updated regularly
- Easily available
Global Map

- **Version 0**
  - Based on previously available data (GTOPO30, IGBP land cover, DCW/VMap0)
  - Distributed to participating NMOs

- **Version 1**
  - Based on data developed by NMO or updated Version 0
  - Released November 2000

- **Version 2**
  - Discussions on additional layers, different scale/resolution

The ISCGM

- **Members**
  - Voting – NMO representatives
  - Non-Voting – NGOs, private industry

- **Working Groups**
  - Specifications
  - Evaluation and possible development of raster data layers
Capacity Building

- Participation essential for complete GM
- Capacity development
  - Education and training + software and computers
  - Not a one-time only project
    - Need ongoing relationship building between NMOs and Global Map
- ISCGM/GM works to...
  - Encourage participation
  - Elicit funding and support
  - Facilitate participation

Data Sustainability

- Data set maintenance and update
- User input
  - Who uses the data?
  - Why do they use it?
  - What do they do with it?
  - Does it meet their needs?
- Mechanism to facilitate communication between data provider and data user
Validation

- Only IGBP land cover validated
- Need method for determining accuracy
- Establish methodology utilizing the resources of NMOs to validate the GM

For more information…

- Secretariat of the International Steering Committee for Global Mapping (ISCGM)
  - Sec@iscgm.org
  - www.iscgm.org - access to data