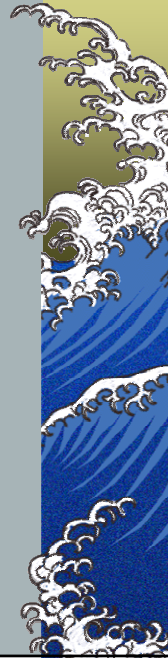


Potential Roles for Global Data Coordination Mechanisms: Perspectives from the ISCGM

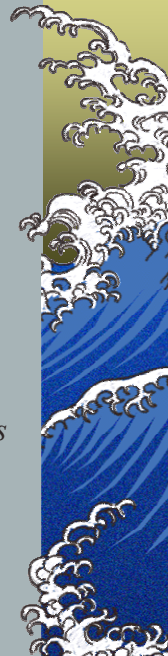
*Global Spatial Data and Information User Workshop:
Development, Dissemination, and Use
Lamont-Doherty Earth Observatory, Columbia University
Palisades, New York
22 September 2004*

*Karen D. Kline
Assistant Secretary General,
International Steering Committee for Global Mapping
Department of Geography
University of California, Santa Barbara*



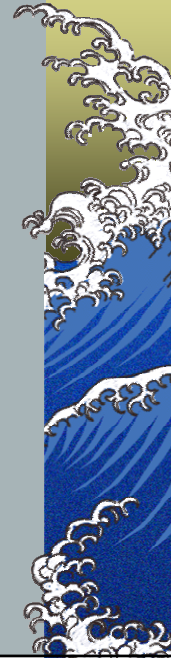
Global Map

- ▲ *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*



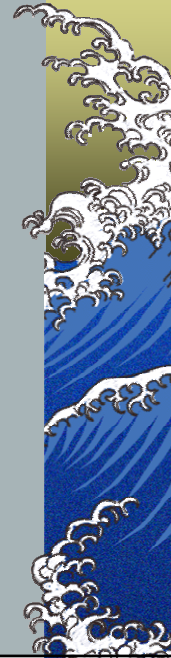
The ISCGM

- ▲ *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*



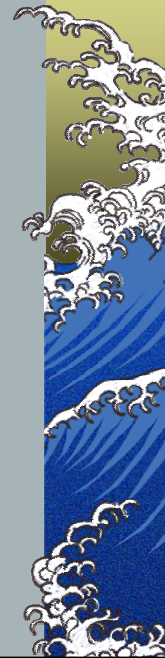
Data Sustainability

- ▲ *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

