

# Env. + GeoSpatial + Biodiversity Data

Chair: Antônio Mauro Saraiva  
Rapporteur: Puneet Kishor

# Speakers

- Guido Gelli: IBGE
- Tim Sutton: OpenModeller
- Marinez F. de Siqueira: Satellite Data
- Vanderlei Canhos: Integrating Datasets
- Number of attendants : 15

# Challenges and Barriers

- Legal
  - lack of attribution
- Economic:
  - Trained personnel to deal with large amount of data

# Challenges and Barriers

- Political:
  - Venezuela – projects financed by petroleum countries, have to sign contracts to not publish information
  - Sharing of Indigenous Peoples Information (bigger problem in Andean Countries)
  - Brazil – Army wants to sell info

# Challenges and Barriers

- Social
  - People in the Amazonia need alternatives.
  - Economic investment in land as small landowners sell to bigger land owners and they to even bigger and so on.

# Challenges and Barriers

- Technical
  - Very large area. Very large datasets.
  - Need for continuous not classified data.
  - Need for directory to find data from different agencies. (Discovery)
  - Duplication of data. Guaranteeing the stated quality of data.

# Challenges and Barriers

- Technical
  - extracting relevant data from the raw data.
  - different formats and description of data between scientific disciplines

# Challenges and Barriers

- Technical
  - convincing different scientific disciplines to collect data using standard protocols (education)
  - connectivity and communication
  - participation in the development of standards and protocol



# Realistic Cooperative Activities

- Promote participation of LA countries in international standards and protocols
- Find **means to support** participation of key players
- CODATA can support global projects such as the “Catalog of Life”
- Organize e-Science meetings between infrastructure providers, scientific communities, and the governments, and private sector to establish integrated policies
- Support for activities such as ABBIF

# Existing Models

- ABBIF
- FishBase
- NeoDat
- RainFor
- OBISSA
- CODATA