


INTRODUCTION

- ▶ Social and economic development in the world require the adoption of new relational models to globalization and sustainable development
- ▶ One of this reside on the use of statistics and geographic information
- ▶ The international community has celebrated several forum relatives to social and human development.



INTERNATIONAL FORUMS

- ▶ 1992 World Summit about environmental, Rio de Janeiro – Brazil; its conclusion was about the importance to environmental protect and social and economic development
- ▶ 2002 World Summit about Sustainable Development, Johannesburg – South Africa; its declaration was there is a collective responsibility to promote and to strong the sustain able development.




INTERNATIONAL FORUMS

- ▶ 2003 World Summit about the Information Society, Geneva– Switzerland; It was established the basic principles about the government for the of information and communication infrastructure development
- ▶ 2004 World Summit of the Americas, Monterrey – Mexico; The summit's objective was to discuss issues related to the progress in the implementation of measures to fight poverty.




OVERVIEW

- ▶ An extraordinary volume of data has developed the world over and, of course, in the Americas
- ▶ Information for better decision making on matters related to economic and social development planning
- ▶ Adoption of management schemes and data administration plans that would allow data integration



THE AMERICAS

Regional instances dedicated to foster and develop geographic or spatial information:

- ▶ Pan-American Institute of Geography and History (PAIGH)
- ▶ Permanent Committee on SDI for the Americas (PC IDEA)




THE AMERICAS

Sub-regional Instances



- ▶ Central American Geographic Information Project (PROCIG)
- ▶ Meso-American and Caribbean Geospatial Alliance (MACGA)
- ▶ Spatial Data Infrastructure Initiative for Andean Countries; Colombia, Venezuela, Ecuador, Peru and Bolivia (IDE ANDINA).







PC IDEA


- ▶ Was established in compliance with resolution number 3 issued by the sixth United Nations Regional Cartographic Conference for the Americas (UNRCC), held in New York in June 1997
- ▶ Similar guidelines established for the permanent committee for Asia and the Pacific
- ▶ Both resolutions were countersigned at the Meeting of Delegates and Experts, in March 1998
- ▶ The Geospatial Data Infrastructure for the Americas, is definite as the set of core geospatial data, the standards for its integration, the mechanisms to facilitated access and use, associated policies and the principles that ensure compatibility.

PC IDEA

- ▶ Established in March 2000.
- ▶ First meeting: Santa Fe de Bogotá, Colombia 2000
 - ▶ Colombia was appointed to chair the Organization through the General Direction of the Agustín Codazzi Geographic Institute (ICDE)
 - ▶ Mexico was appointed to vice chair through its General Direction of Geography, National Institute of Statistics, Geography and Informatics (INEGI).





PC IDEA OBJETIVES

- ▶ To design and coordinate policies and technical standards to develop the Geospatial Data Infrastructure (GSDI) for the Americas
- ▶ To foster and prioritize the building and development of national GSDI in each member country of the Permanent Committee.




SECOND MEETING AND MEMBERSHIP




- ▶ New York, U. S. A. 2001
- ▶ The original ideas and principles on the building of regional and national spatial data infrastructures were reaffirmed
- ▶ Emphasis was given to the need of national settings where the infrastructure to develop geographic information will be supported as a strategic policy
- ▶ Actually 24 countries from the Americas are members of the Organization.





THIRD MEETING

- ▶ Cartagena, Colombia 2001
- ▶ During this Meeting, Colombia completed its presidency and Venezuela was appointed to chair through the General Direction of the Venezuela Geographic Institute Simón Bolívar and Tommy Guardia National Geographic Institute was appointed to vice chair
- ▶ In this Meeting the Bylaws and Rules of Procedure were adopted
- ▶ Three working works were created
 - ▶ Legal and Economic Matters
 - ▶ Communications
 - ▶ Technical Matters

THIRD MEETING 

WORKING TEAMS


Legal and Economic Matters

- ▶ Bylaws and rules review
- ▶ To adopt a legal framework

Communications

- ▶ Disseminate GD1 basic principles

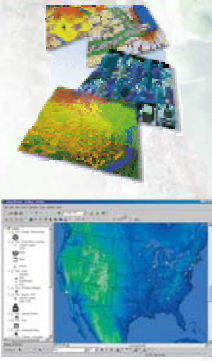


THIRD MEETING 

WORKING TEAMS

Technical Matters

- Core Data
- Geospatial Standards
- Policies
- Clearinghouse
- Cadastre
- Geographical Names
- Capacity building



FOURTH MEETING 

- ▶ San Jose, Costa Rica 2003
 - Chair: INEGI - México
 - Vice chair: *Tommy Guardia* National Geographic Institute of Panama
- ▶ Strengthening of national initiatives



MAIN ACCOMPLISHMENTS 

- ▶ American countries are advanced in the implementation of their own SDI
- ▶ United States, Canada and Mexico have made significant accomplishments in the design and implementation phases.



24 AMERICAN COUNTRIES WITH SDI INITIATIVES 



MEXICO SDI (IDeMex) 

- ▶ The most important national organizations involved in the development of geospatial information
- ▶ Is under the coordination of INEGI and pursuant to the capacities granted by the Law on Statistical and Geographic Information



MAIN ACCOMPLISHMENTS ON CLEARINGHOUSES



- ▶ This was achieved with the assistance and cooperation of the United States Geology Service (USGS) and the Federal Geographic Data Committee (FGDC)
- ▶ 19 countries from the Americas can provide this service
- ▶ PC IDEA already has a Class A link with Technical Committee 211, from the International Standards Organization, ISO TC/211



PC IDEA PLANS



- ▶ PC IDEA immediate plans include the creation and the strengthening of links and relationships with geospatial organizations that are global and regional leaders,
- ▶ Support sub-regional initiatives
- ▶ PC IDEA is organizing Regional Seminars and Workshops
- ▶ PC IDEA Next Meeting
- ▶ Promoting better communication
- ▶ To set up discussion forums.



FINAL REMARKS



The goal is to develop national geospatial data infrastructures that can be integrated into the regional and global context. There should be a response to the increasing demands imposed by globalization, sustainable economic development and growing technological progress.



THANK YOU!

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