



Geospatial Information Activities in the Americas

(SDI Development in the Americas)



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President of PC-IDEA

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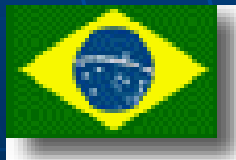
Background and Composition

Permanent Committee for Geospatial Data Infrastructure of the Americas

Created after a recommendation from the 6th UN Regional Cartographic Conference for the Americas – UNRCC-A (1997)

To establish and coordinate policies and technical standards for the development of SDI in the Americas

It implements the resolutions of the UNRCC-A



2009 – 2013

Presidency and Executive Secretariat





Executive Board (2009 – 2013)

President (Brazil)

Vice President

Executive Secretary (Brazil)

*Vocal Member
(North America)*

*Vocal Member
(Central America)*

*Vocal Member
(Caribbean)*

*Vocal Member
(South America)*



Examples of SDI in the Americas

Argentina: Argentinean Spatial Data Infrastructure (IDERA)

www.idera.gov.ar/web/idera



Brazil: National Spatial Data Infrastructure – Brazilian NSDI

www.inde.gov.br



Canada: Canadian Spatial Data Infrastructure (CSDI)

www.geoconnections.org

GeoConnections

Chile: National Spatial Data Infrastructure (SNIT)

www.snit.cl



Colombia: Colombian Geospatial Data Infrastructure (ICDE)

www.icde.org.co





Examples of SDI in the Americas

Cuba: Cuban Spatial Data Infrastructure (IDERC)

www.iderc.go.cu



Mexico: Spatial Data Infraestructura (IDEMex), support to the National Systems of Statistics and Geographic Information www.inegi.gob.mx



United States of America: National Spatial Data Infrastructure (NSDI) www.fgdc.gov



Uruguay: Spatial Data Infrastructure of Uruguay
<http://www.agesic.gub.uy/innovaportal/v/665/1/agesic/IDE.html>

Venezuela: Spatial Data Infrastructure (INDG)

<http://www.geoportalsb.gob.ve/>





Website

24 Países conforman el CP-IDEA

Comité Permanente para la Infraestructura de Datos Geoespaciales de las Américas

[Inicio](#) [Fale conosco](#) [Mapa de Sitio](#)

- Quiénes Somos ?
- Reuniones
- Programa de Trabajo
- Eventos
- Relacionados
- Documentos de Referencia
- Enlaces
- Las IDE de América

www.cp-idea.org



Resolutions of 9th UNRCC-A (to be implemented by PC-IDEA in 2009-2013)

✓ Establishment of PC-IDEA Working Groups

on:

- a) Institutional strengthening, education and training
- b) Technical standards and specifications
- c) Best practices and applications
- d) Innovations for national mapping agency business models



- ✓ Establishment of mechanisms for the construction of SDI in the region
- ✓ Survey on the state of mapping by countries
- ✓ Creation of a forum to exchange and share SDI best practices
- ✓ Organization of an event to discuss disaster and risk management and SDI
- ✓ Support of the construction of SDI in developing countries, especially in the Caribbean region



PC-IDEA Institutional Activities (2009-2011)

- ✓ **9th United Nations Regional Cartographic Conference for the Americas – election of the 2009-2013 CP-IDEA Executive Board**
- ✓ **5th Meeting of the Executive Board – New York, May 2010**
 - ✓ **Establishment of the PC-IDEA Working Group on Planning - GTplan**
- ✓ **Participation in GGIM preparatory meetings – Oct 2009, May 2010, Apr 2011**
- ✓ **Establishment of new Statutes – May 2011**
- ✓ **7th PC-IDEA Meeting – Rio de Janeiro, August 2011, along with the Latin American Geospatial Forum - www.lagf.org**





PC-IDEA Working Group on Planning - GTplan

To develop planning activities in seven topics, each one under the responsibility of a specific country representative

1. Institutional capacity building, education and training (Colombia)
2. Standards and technical specifications (Mexico)
3. Best practices and guidelines for the development of SDI (Canada)
4. Innovations in national cartographic agencies in matters pertaining to their work (Brazil)
5. Knowledge gathering on topics relevant to the SDI for the region (Guatemala)
6. Status of SDI development in the Americas (Cuba)
7. Implementation of technological means for discussion related to access to geospatial data and the role of governments in the management and dissemination of these data (Chile)



1 - Training Group objectives

To develop a concrete proposal to **share capacity** among PC-IDEA member countries, in a sustainable manner in time and pointing out the **relevant needs and issues in the region**



Coordination: Colombia



2 - Objectives of the Standards and Specifications Group

To develop activities aimed at **establishing a set of standards and technical specifications** applicable in the region as a whole, in addition to national specifications



Coordination: Mexico



3 - Objectives of the Best Practices Group

Survey of **good practice** in various fields involved with the SDI in order to produce a **roadmap to support the development** of such infrastructure in the Americas

Coordination: Canada



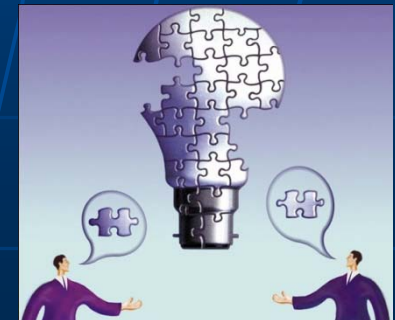


4 - Objectives of the Innovation Group



Inventory of the **innovations implemented at the cartographic and geographic national institutions** that have contributed to the improvement of their management

Coordination: Brazil





5 - Objectives of the Documentation Group



Development of an SDI Observatory, accessible on the PC-IDEA website, allowing access to relevant documents related to data, metadata, data policies, legal frameworks, management models and standards

Coordination: Guatemala



6 - Objectives of the SDI Assessment Group

Offer a tool and methodology to monitor and document the process of implementation and use of SDIs in the Americas



Coordination: Cuba





7 - Objectives of the Technological Media Implementation Group



Implementation of **technological media** for the discussion related to the **access to geospatial information** and the role of governments in the dissemination of data

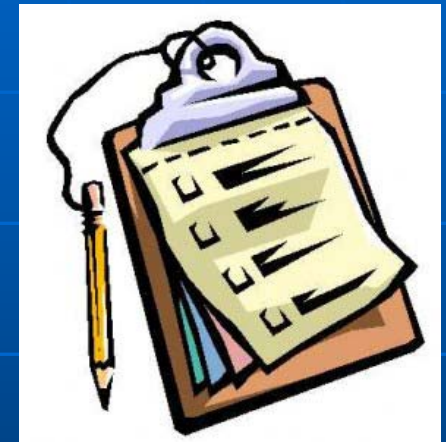


Coordination: Chile



GTplan questionnaire - 2011

- **Target**
 - ✓ Agencies responsible for national SDI in conjunction with other public services
- **Sections of the questionnaire**
 - ✓ Training
 - ✓ Standards and specifications
 - ✓ Good practices
 - ✓ Innovations at cartographic institutes
 - ✓ SDI assessment
- **Discussion and construction of the questionnaire items – December 2010 to June 2011**
- **Use of communication tools – Pbworks – collaborative work environment**
- **Construction of a questionnaire on the themes (free software – JOOMLA!)**
- **Release of results – August 2011**





We are faced with Global Issues that require global collaboration

The progress in the availability and accessibility of geospatial information worldwide depends on the cooperation between the countries

The promotion of international cooperation in capacity building, institutional strengthening and knowledge transfer between countries is a central challenge of development





Global Geospatial Information Management Forum

GGIM Home | UN Home | Department of Economic and Social Affairs | UN Statistics Division Contact Us

 **GGIM** | United Nations Initiative on Global Geospatial Information Management

PARTNERS

- Countries
- International Organizations
- UN Agencies

ABOUT GGIM

There is general agreement by member states of an urgent need for an inter-governmental consultative mechanism that can play a leadership role in setting the agenda for the development of global geospatial information and to promote its use to address key global challenges; to liaise and coordinate among Member States, and

GEOSPATIAL INITIATIVES

- UNGEGN**
United Nations Group of Experts on Geographical Names
- NRCC**
United Nations Regional Cartographic Conferences
- DI & RP**
International Practices in Geospatial Information Management
- NEWS**
 - Article in 'futureGOV Asia Pacific'
UN to establish entity on Global Geospatial Information Management
14 February 2011
 - Article in 'GEOmedia'
Global Geospatial Information Management: un'iniziativa delle Nazioni Unite
24 March 2011
 - Article in the 'New York Times'
Online Mapping Shows Potential to Transform Policy Efforts

PROJECTS WITH MEMBER STATES

- UN Map**
A global multi-scale geospatial data and rapid map production and web mapping support to the Security Council and Secretariats including UN field missions
- Global Map**
An international cooperation initiative, aiming to develop a digital geo-information framework ensuring spatial resolution at 1 km... [more](#)
- UN International Boundaries**
A GIS-based UN International Boundary Information System (UIIBIS) that provides a knowledgebase of international boundary issues with treaties...

ECOSOC DECISION

The Economic and Social Council, recalling resolution 7 of the 18th United Nations Regional Cartographic Conference for Asia and the Pacific, in which the Conference requested the Secretary-General to initiate discussions and prepare a report, for a future session of the Council, on global coordination of geographic information

October 2011

United Nations Forum on Global Geospatial Information Management

Seoul, Republic of Korea 24-27



Thank You!

Luiz Paulo Souto Fortes, PhD

IBGE Director of Geosciences

CONCAR Executive Secretary

CP-IDEA President

<http://www.concar.gov.br>

<http://www.inde.gov.br>

<http://cp-idea.org>



Source: O Estadão Newspaper