



# PC-IDEA Final Report of Activities

Luiz Paulo Souto Fortes  
President of PC-IDEA

---

**10<sup>th</sup> United Nations Regional Cartographic Conference for the Americas**

19 - 23 August 2013, New York, United States



UNRCC

United Nations  
Regional Cartographic Conferences



## Permanent Committee for Geospatial Data Infrastructure of the Americas (PC-IDEA)

Established on February 29, 2000, based on the Resolution #3 of the 6<sup>th</sup> United Nations Regional Cartographic Conference for the Americas – UNRCC-A (1997)



- To maximize the economic, social and environmental benefits derived from the use of Geospatial Information
- Accomplished through knowledge and exchange of experiences and technologies between countries, based on common standards which would allow the establishment of the Geospatial Data Infrastructure of the Americas
- It implements the regional mechanism associated to the United Nations Global Geospatial Information Management (UN-GGIM) initiative

# PC-IDEA Objectives



- Establish and coordinate policies and technical standards for the development of geospatial data infrastructure for the Americas
- Promote the establishment and development of NSDI in each PC-IDEA member country
- Promote the interoperability of information and systems among member countries, through the use of standards
- Encourage the sharing of geospatial information among all member countries in the Americas, while respecting their autonomy and their national laws and policies
- Stimulate cooperation, research, complementation and sharing of experience in areas of knowledge related to geospatial data
- Advise in the drafting of guidelines and strategies to support PC-IDEA member countries in developing geospatial information, considering the individual needs of each country
- Set priorities for information sharing, considering the regulatory framework of each member country
- Promote SDI training activities and technology transfer





**UNRCC**

United Nations  
Regional Cartographic Conferences



## Member Countries



**Argentina**



**Belize**



**Bolivia**



**Brazil**



**Canada**



**Chile**



**Colombia**



**Costa Rica**



**Cuba**



**Dominican  
Republic**



**Ecuador**



**El Salvador**



**Guatemala**



**Guyana**



**Honduras**



**Jamaica**



**Mexico**



**Nicaragua**



**Panama**



**Paraguay**



**Peru**



**United States**



**Uruguay**



**Venezuela**



## Distribution of countries by region

Region	Number of Countries	Number of PC-IDEA Member Countries	%
North America	3	3	100
Central America	7	7	100
South America	12	11	92
The Caribbean	13	3	23

Source: ECLAC



General Assembly

Executive Board

Presidency

Vicepresidency

Executive Secretariat

WG on Planning

WG on Standards and  
Technical Specifications

North  
America Vocal

South  
America Vocal

Caribbean  
Vocal

Central  
America Vocal





**President**  
*Luiz Paulo Souto Fortes*  
(Brazil)



**Vice President**

**Executive Secretary**  
*Valéria Araújo* (Brazil)



**North America**  
**Vocal Member**

*Ivan DeLoatch*  
(USA)



**Central**  
**America Vocal**  
**Member**

Edwin Guillermo  
Santos Mansilla  
(Guatemala)

**Caribbean**  
**Vocal Member**



**South America**  
**Vocal Member**

*Matias Fortuño*  
(Chile)





## Changes in the Executive Board

### Vice-President

Mr. Mario Reyes – INEGI / Mexico  
Mr. Cristian Aqueveque – SNIT /Chile  
Mr. Esteban Tohá – SNIT /Chile  
Now: Vacant

### Caribbean's Vocal

Mr. Eloy Luis Alum Ortiz (Crnl) – ONHG / Cuba  
Mr. Cándido Regalado (Crnl) – ONHG / Cuba  
Now: Vacant

### Central America Vocal

Mr. Ronald Estuardo Arango Ordoñez – IGN / Guatemala  
Mr. Oscar Leonel Figueroa Cabrera – IGN / Guatemala  
**Mr Edwin Guillermo Santos Mansilla – IGN / Guatemala**

### South America Vocal

Mr. Cristian Aqueveque – SNIT /Chile  
Mr. Esteban Tohá – SNIT /Chile  
**Mr. Matías Soto Fortuño – SNIT /Chile**



# PC-IDEA Members, Collaborators and UN Staff



## Annex C

Current and Previous Members  
(2009 – 2013)

Titular and Substitute Members (on August 2013)		Old Members (2009-2013)
ARGENTINA		
	<b>Sergio Rubén Cimbaro</b> (T) Instituto Geográfico Nacional / IGN	
	<b>Ricardo Ramón Mansilla</b> (S) Instituto Geográfico Nacional / IGN	
BELIZE		
	<b>Corren Williams</b> (T) Ministry of Natural Resources and Agriculture / MNRA	
	<b>Elam Torres</b> (S) Ministry of Natural Resources and Agriculture / MNRA	
BOLIVIA		
	<b>Adolfo Cortez Verduguez</b> (T) Instituto Geográfico Militar / IGM	
	<b>Santos Luis Quiroga Céspedes</b> (S) Instituto Geográfico Militar / IGM	

## Annex E

Members and Collaborators of the Working Group on

Coordinator		
	<b>Álvaro Monett Hernández</b>	Ministerio de
Co-coordinator		
	<b>Paula McLeod</b>	Natural Resources
Members		
Brasil		
	<b>Moema José de Carvalho Augusto</b>	Instituto Brasileiro de Geografia e Estatística / IBGE
	<b>Anna Lucia Barreto de Freitas</b>	Instituto Brasileiro de Geografia e Estatística / IBGE
Mexico		
	<b>Carlos Agustín Guerrero Elemén</b>	Instituto Nacional de Estadística y Geografía / INEGI
	<b>Luis Gerardo Esparza Ríos</b>	Instituto Nacional de Estadística y Geografía / INEGI

## Annex F

Members and Collaborators of Working Group on Standards and Technical Specifications (GTnet)

Coordinador		
	<b>Carlos Agustín Guerrero Elemén</b>	Instituto Nacional de Estadística y Geografía - INEGI
	<b>Luis Gerardo Esparza Ríos</b>	Instituto Nacional de Estadística y Geografía - INEGI
Members		
Brasil		
	<b>Moema José de Carvalho Augusto</b>	
	<b>Silvana Philipp Camboim</b>	
	<b>Omar Antônio Lunardi</b>	
Canada		
	<b>Jean Brodeur</b>	
Colombia		
	<b>Alberto Booda Rodríguez</b>	

## Annex D

United Nations Members  
(2009 – 2013)

UN Statistic Division		
	<b>Stefan Schweinfest</b> Acting Director	
	<b>Cecille Blake</b>	
	<b>Gregory Scott</b>	
		<b>Paul Cheung</b> (Director until Dec 2012)

## People involved (2009-2013)

Principal and Substitute Members: 66

WG on Planning: 27

WG on Standards and Tech. Specifications: 16

UN Staff: 6

**TOTAL: 115**



# New Statute



The document was approved in May 2010, as follows: 17 votes in favor and 1 abstention (6 countries did not submit their votes).

Spanish and English



<http://www.cp-idea.org/documentos/Estatuto CPIDEA maio2011 final esp.PDF>

<http://www.cp-idea.org/documentos/Statute PCIDEA maio2011 final eng.pdf>



# Resolutions of 9<sup>th</sup> UNRCC-A (implemented by PC-IDEA in 2009-2013)



1. 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
2. Establishment of mechanisms for the construction of SDI in the region
3. Survey on the state of mapping by countries
4. Creation of a forum to exchange and share SDI best practices
5. Organization of an event to discuss disaster and risk management and SDI
6. Funding issues
7. Support of the construction of SDI in developing countries, especially in the Caribbean region





## Working Groups 2009 - 2013

### Working Group on Planning (GTplan) in May 2010 (Chile and Canada)

Institutional capacity building

- Colombia

Standards and technical specifications

- Mexico

Gather knowledge related to SDI

- Guatemala
- Chile

Best practices and guidelines for the development of SDI

- Canada

Innovations in National Mapping Organizations

- Brazil

Technological means for discussions related to SDI

- Chile

Assessments of SDI development

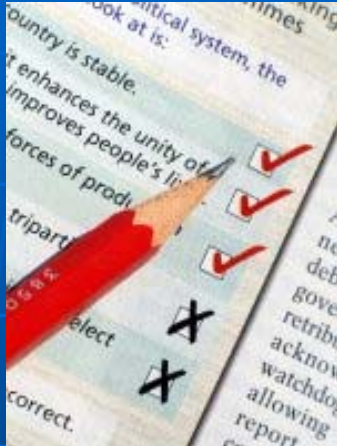
- Cuba
- Canada



### Working Group on Standards and Technical Specifications (GTnet) in Dec 2012 (Mexico)

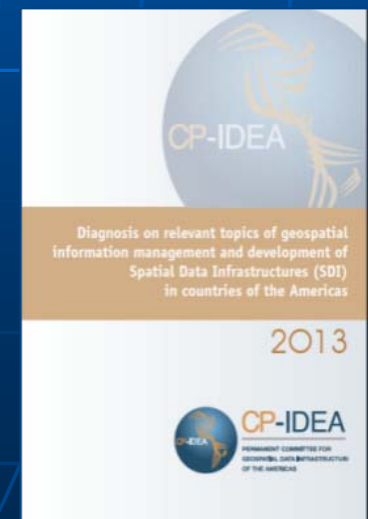
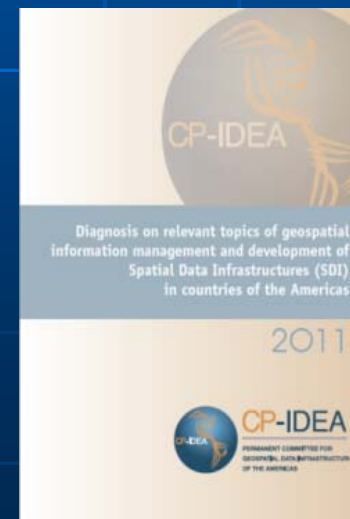


## PC-IDEA Working Group on Planning (GTplan)



- ✓ A questionnaire with 76 questions was designed by GTplan and applied to PC-IDEA member countries in 2011
- ✓ In 2013, a subset of the 2011 questionnaire was applied to PC-IDEA member countries to assess the advances during these 2 years

The results of both questionnaires fed the subsequent activities towards establishing and implementing PC-IDEA work plan





## Working Group on Standards and Technical Specifications (GTnet)

Coordination: Mexico

Bolivia, Brazil, Canada, Colombia, Honduras

Collaboration of the Open Geospatial Consortium (OGC)

### GOAL

To establish a set of standards and technical specifications that apply to the region within a common scenario, considering and respecting the specificities of each country.

### ACTIVITIES

- Developing a vision for the integration of geospatial information in the region, through the use of standards
- Establishing the state of the art in the development and use of standards, as well as multinational profiles in the region
- Preparing proposals of core standards for the region
- Coordinating the participation in regional organizations and normalization initiatives
- Developing manuals related to use of the standards for the daily management of information

# Seminar “Spatial Data Infrastructures – SDI as a Natural Disaster Risk Management Service”



- August 17, 2012, during the Second Latin-America Geospatial Forum - LAGF 2012, in Rio de Janeiro, Brazil
- PC-IDEA in partnership with Geospatial Media and Communications

To promote the exchange of experiences and concepts in the design, development and advancements of the components of an SDI in natural disaster risks management, emphasizing the use of geospatial information



**Attendance: professionals and experts from public, private, academic and non-governmental organizations from the region, involved in issues related to SDI and the management of disaster risks**



# Seminar “Spatial Data Infrastructures – SDI as a Natural Disaster Risk Management Service”



## Themes

- 1.SDI for risk management of natural disasters
- 2.Geographic information for the awareness of the risk
- 3.SDI in defining processes and protocols for the management of natural disaster risks
- 4.Information technologies for the management of risks: earth observation technologies
- 5.Geographic Information Systems

## Participating Institutions

- ✓ UFRJ - Brazil
- ✓ PC-IDEA
- ✓ INPE – Brasil / International Charter
- ✓ GeoConnections - Canada
- ✓ SNIT – Chile
- ✓ CENAD / Defesa Civil Nacional – Brazil
- ✓ DigitalGlobe, Brazil
- ✓ Instituto Geografico Nacional do Panama Tommy Guardia – Panama





# Seminar “Spatial Data Infrastructures – SDI as a Natural Disaster Risk Management Service”



## Recommendations

1. Countries make data, metadata and information aimed at emergency prevention and response available
2. UN, supported by regional bodies, such as PC-IDEA, PCGIAP, CODIST etc. encourage governments in their various instances to create and maintain their respective national SDI
3. The creation of a working group, under CP-IDEA, aiming at studying the specific use of SDI for managing risks of natural disasters in the Americas
4. The participation of the countries of the Caribbean region in PC-IDEA be encouraged
5. The creation of mechanisms that consider the possibility of assessment and, when appropriate, the incorporation of geospatial information obtained through voluntary contributions
6. All levels of government involved in the control and monitoring of these phenomena assess the possibility of becoming potential sources of funding for pre-disaster phases, i.e. , that these instances are able to fund and support SDI
7. That a second edition of the event, preferably within one year, be carried





## Financial Resources

### CYTED Convocation

- ✓ "Ibero-American Network to improve and enhance the use of spatial data infrastructures (SDI) in territorial planning"
- ✓ Objective: stimulate the creation of a scientific and technological research network associated to PC-IDEA
- ✓ Brazil, Chile, Colombia, Cuba, Guatemala and Portugal
- ✓ **€ 33,000 per year for a four-year project.** The proposal was presented in April 2010



### World Bank

- ✓ "Strengthening of Spatial Data Infrastructures (SDI) of the Americas"
- ✓ World Bank (Brazil) in 2010
- ✓ Objective: maximize the economic, social and environmental benefits of the use of geospatial information, seeking to promote the SDI construction in countries that have not started this process, as well as strengthening the implementation and sustainability of existing SDI in the countries of the Americas
- ✓ **US\$ 672,645 for three years**





**UNRCC**

United Nations  
Regional Cartographic Conferences



## Financial Resources

### Pan American Institute of Geography and History (PAIGH)



✓ Submitted in May 2012 to cover PC-IDEA Working Groups activities taking into account their alignment to the PAIGH 2010-2020 Pan-American Agenda - which seeks to support national initiatives based on international standards and concepts of spatial data infrastructure

✓ **USD 8,000 in 2013**

✓ Approved at the 44th Meeting of the PAIGH Steering Council, held in Buenos Aires, Argentina, in November 2012

✓ A cooperation mechanism with PC-IDEA through the United Nations (UNSD) has already started to be discussed between the involved entities to support the release of these resources



# Final Products



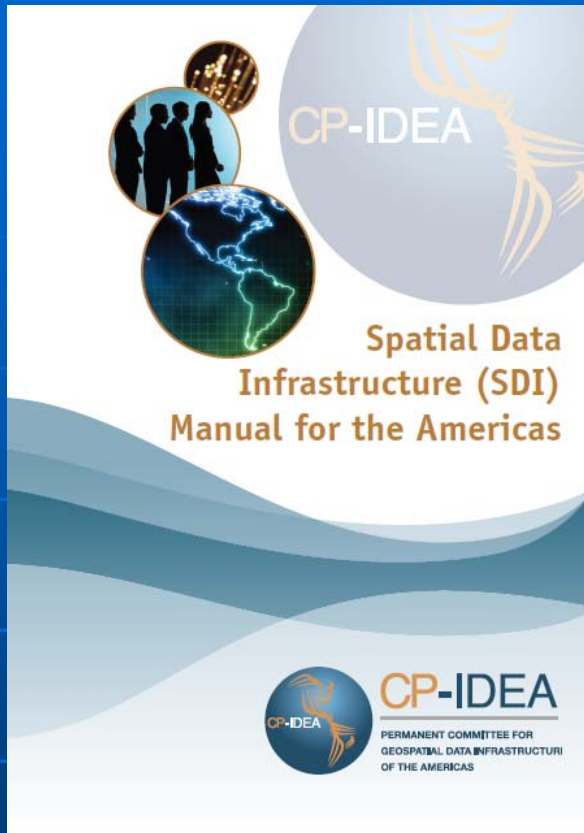
Theme	Product	Type
Capacity Building	Capacity Building Observatory	Website
	User Manual – Capacity Building Observatory	Document
	Implementation Strategy of Capacity Building Plan 2013	Document
	Plan of Courses	Document
Standards and Technical Specifications	Implementation Overview of the Standards Framework of the Americas	Document
	Proposal of CORE Standards of the Americas	Document
	Geospatial Data Model of the Americas	Document
	Standards Database	Website
Best Practice	Spatial Data Infrastructure (SDI) Manual for the Americas	Document
	Best Practice List	Website
Innovations	Diagnosis about Innovation in National Mapping Agencies in countries of the Americas	Document
Technology	Website	Website
	User Manual – Website	Document
General	PC-IDEA - Final Report of Activities	Document
	Diagnosis on relevant topics of geospatial information management and development of Spatial Data Infrastructures (SDI) in countries of the America-2011	Document
	Diagnosis on relevant topics of geospatial information management and development of Spatial Data Infrastructures (SDI) in countries of the Americas-2013	Document





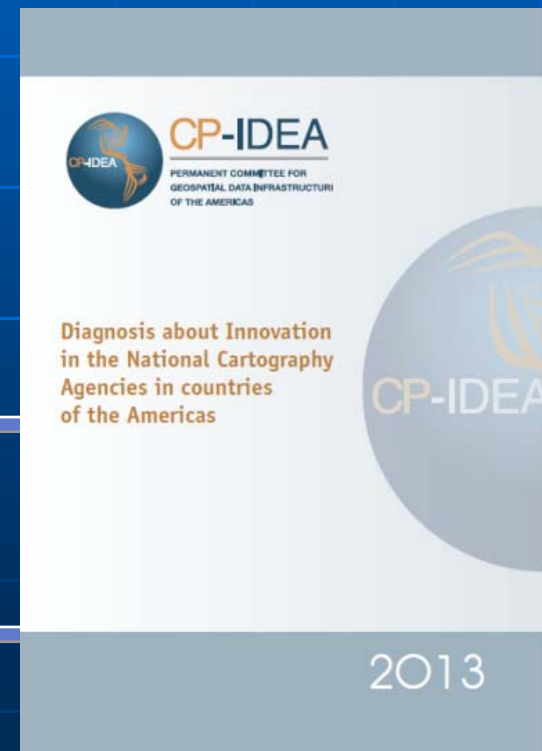
UNRCC

United Nations  
Regional Cartographic Conferences



SDI Manual

Diagnosis about  
Innovations on NMO





## Diagnosis about Innovation on National Mapping Agencies in countries of the Americas

### Aspects of NMA surveyed

- Institution name and mission
- Type of institution (18 civil and 6 military)
- Sectorial partnerships
- Production scope
- Products types
- Legal establishment (Canada: the oldest – 1842)
- Address (virtual and physical)
- Innovations
- Relationship with NSDI



# UNRCC

United Nations  
Regional Cartographic Conferences



## Diagnoses on relevant topics of geospatial information management and development of SDI in countries of the Americas 2011 and 2013





# UNRCC

## United Nations Regional Cartographic Conferences



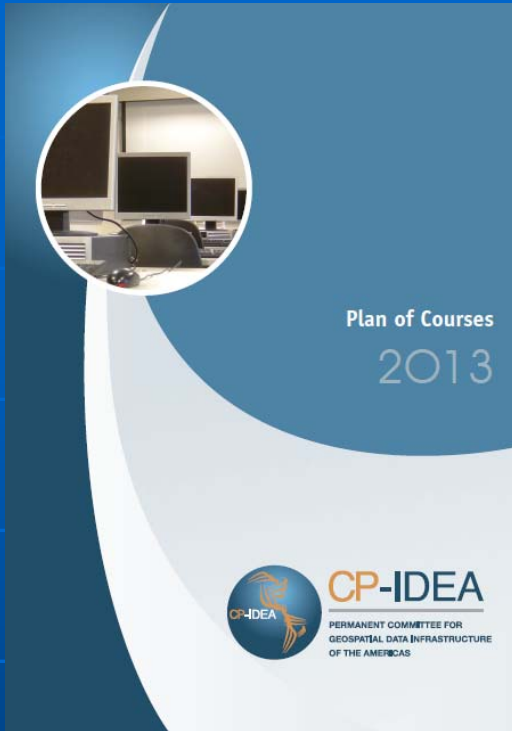
### Publications/Database on Standards and Technical Specifications



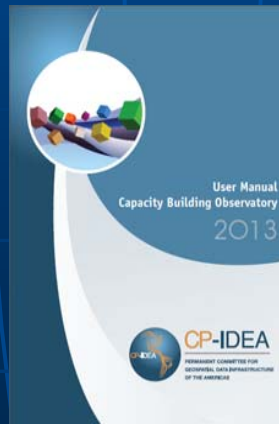




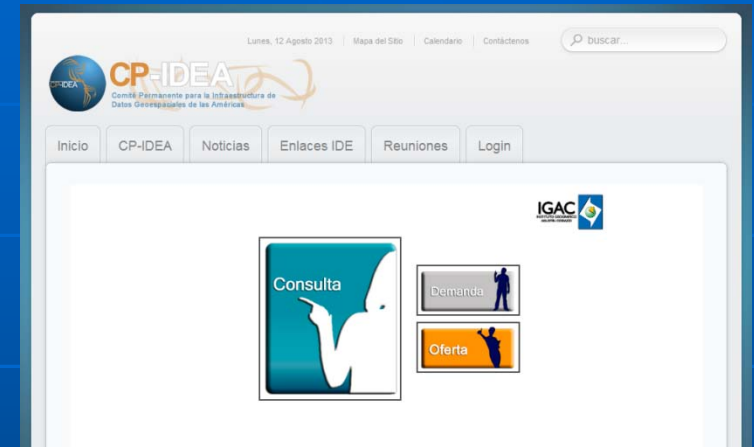
## Plan of Courses



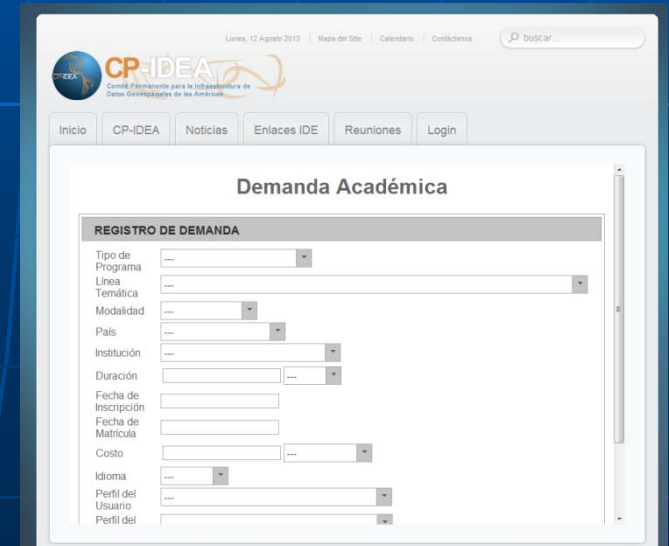
## Implementation Strategy of Capacity Building Plan



## User Manual (Capacity Building Observatory)



## Capacity Building Observatory





Viernes, 09 Agosto 2013 | Mapa del Sitio | Calendario | Contáctenos

CP-IDEA  
Comité Permanente para la Infraestructura de Datos Geospaciales de las Américas

Inicio CP-IDEA Noticias Enlaces IDE Reuniones Login

Banco de Normas

Observatorio de Capacitación

Observatorio IDE

Áreas de Trabajo

CP-IDEA cuenta con un espacio virtual para el trabajo colaborativo de los países que forman parte del comité permanente. Aquí es posible cargar documentos, editar en línea y efectuar comentarios sobre trabajos en curso. Actualmente uno de los contenidos centrales corresponde al plan de acción CP-IDEA 2012-2013. Quienes estén interesados en visitar esta sección sólo deben registrarse como usuarios.

Inicio

## 10° Conferencia Cartográfica Regional de las Naciones Unidas para las Américas

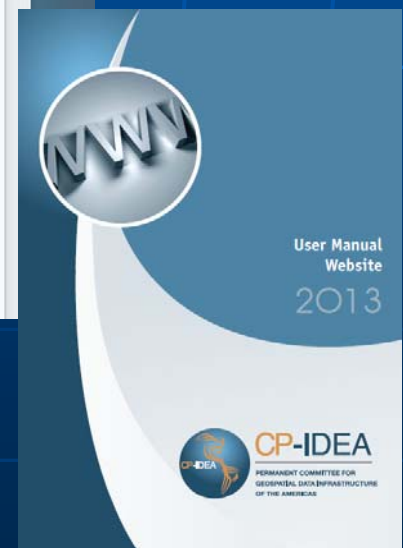
Una nueva versión de la Conferencia Cartográfica Regional de las Naciones Unidas para las Américas se realizará en la ciudad de Nueva York, entre el 19 y 23 de agosto de 2013. Entre los temas más importantes a tratar está el reporte de la implementación de las resoluciones adoptadas en la 9ª Conferencia, exposición que estará a cargo de la División de Estadísticas de la ONU y de la Secretaría Ejecutiva de CP-IDEA. También se presentará una serie de trabajos en temas institucionales, económicos, de política y estratégicos;

### Próximas actividades

- 19/08/2013  
Décima Conferencia Cartográfica Regional de las Naciones Unidas para las Américas
- 22/08/2013  
Décima Reunión Plenaria de CP-IDEA



User Manual



New Website

<http://www.cp-idea.org/>



**UNRCC**

United Nations  
Regional Cartographic Conferences





## Other activities of the Committee



Website management

⇒ Mexico to Brazil

⇒ Brazil to Chile

Meetings and participation in events: **26**

Presentations: **60**

Texts for news and interviews in magazines and journals

Dissemination of the work and activities of the Committee through specific marketing material and e-mail

Dissemination of news and events of interest to the mailing list of members and contributors

Preparation of various reports to the Committee and other bodies

Preparation of the marketing material (folders, banners, front pages, publications, ...)



# Marketing material, templates and new logo



**REUNIÓN DEL COMITÉ PERMANENTE PARA LA INFRAESTRUCTURA DE DATOS GEOESPACIALES DE LAS AMÉRICAS**

**PERMANENT COMMITTEE FOR GEOSPATIAL DATA INFRASTRUCTURE OF THE AMERICAS MEETING**

**REUNIÃO DO COMITÉ PERMANENTE PARA A INFRAESTRUTURA DE DADOS GEOESPACIAIS DAS AMÉRICAS**

**COMITÉ PERMANENTE PARA LA INFRAESTRUCTURA DE DATOS GEOESPACIALES DE LAS AMÉRICAS**

**COMITÉ PERMANENTE PARA LA INFRAESTRUTURA DE DADOS GEOESPACIAIS DAS AMÉRICAS**

**PERMANENT COMMITTEE FOR GEOSPATIAL DATA INFRASTRUCTURE OF THE AMERICAS**

**COMITÉ PERMANENTE PARA LA INFRAESTRUTURA DE DADOS GEOESPACIAIS DAS AMÉRICAS**

Banners

**COMITÉ PERMANENTE PARA LA INFRAESTRUCTURA DE DATOS GEOESPACIALES DE LAS AMÉRICAS**

**PERMANENT COMMITTEE FOR GEOSPATIAL DATA INFRASTRUCTURE OF THE AMERICAS**

**COMITÉ PERMANENTE PARA LA INFRAESTRUTURA DE DADOS GEOESPACIAIS DAS AMÉRICAS**

**PERMANENT COMMITTEE FOR GEOSPATIAL DATA INFRASTRUCTURE OF THE AMERICAS**

Templates

**What is PC-IDEA**  
Permanent Committee for Geospatial Data Infrastructure of the Americas

The committee was established on February 29, 2000, pursuant to Resolution 83 of the 10<sup>th</sup> United Nations Regional Cartographic Conference for the Americas UNRCC-A (1997).

The Permanent Committee operates under the purview of the United Nations Regional Cartographic Conference for the Americas and submits its recommendations and respective activity reports to them.

**The Purpose**

To maximize the economic, social and environmental benefits derived from the use of geospatial information through knowledge transfer and the exchange of equipment and technologies between the countries, based on common standards, which would allow the establishment of the Geospatial Data Infrastructure of the Americas.

**Objectives of PC-IDEA**

PC-IDEA implements the resolutions of the United Nations Regional Cartographic Conferences for the Americas, which are held every 4 years. The next conference will be held in NY from August 19-25, 2013.

The main objectives are to:

- Establish and coordinate policies and technical standards for the development of regional spatial data infrastructure in the Americas
- Give priority to promoting the establishment and development of national spatial data infrastructures of each of the members of the PC-IDEA
- Promote the interoperability of information and systems among member countries, through the use of standards.
- Encourage the sharing of geospatial information among all members of the community of the Americas, respecting their autonomy, according to their national laws and policies.

**Membership and Representation**

Members of the Permanent Committee are countries in the Americas that express their willingness to be part of PC-IDEA. The countries are represented by the heads of the official national agencies in charge of geospatial data management in their designated representatives. The Permanent Committee elects from among its members an Executive Board consisting of:

- A President
- A Vice President
- An Executive Secretary
- Four Vocal members

Each of these Vocal members preferably represents one of the four American sub-regions, namely North America, Central America, the Caribbean Islands and South America.

**Benefits of PC-IDEA Membership**

- Participate, actively and partner with government, private sector, academic, professional and non-profit organizations through PC-IDEA meetings and conferences.
- Contribute to and benefit from regional ICD news, knowledge, projects and programmes
- Advocate at the global level, on behalf of members, on issues impacting SDI development
- Contribute to and learn from the creation of technical, institutional and policy recommendations and SDI best practices
- Access to opportunities for capacity development

**Some Achievements of 2009-2013 term**

- Implementation of a capacity building observatory to give access to existing courses and to receive the existing demand
- Preparation of the Capacity Building Plan for the Americas
- Revision of the core standards and specifications for the Americas
- Preparation of the Spatial Data Infrastructure (SDI) Manual for the Americas, including a chapter on the social and economic aspects of SDI and a glossary in four languages (English, Spanish, Portuguese and French)
- Preparation of a study related to the institutional models of National Mapping Agencies and of those responsible for National SDI, identifying weaknesses and strengths
- Development of a new website including a discussion forum
- Prepared, printed and circulated "Diagnosis on relevant topics of Geospatial Information Management and development of spatial data infrastructure - SDI in countries of the Americas"

**Member Countries**

Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Guyana, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, United States, Uruguay, Venezuela

The website of the committee is available at:  
<http://www.cp-idea.org>  
Documents: [http://www.cp-idea.org/Documentos/Manual\\_PCIDEA\\_09m02011\\_Sol\\_09a.pdf](http://www.cp-idea.org/Documentos/Manual_PCIDEA_09m02011_Sol_09a.pdf)  
Contact: <http://www.cp-idea.org>

Flyers

**Achievements of 2009 – 2013 Term**

**What is PC-IDEA**

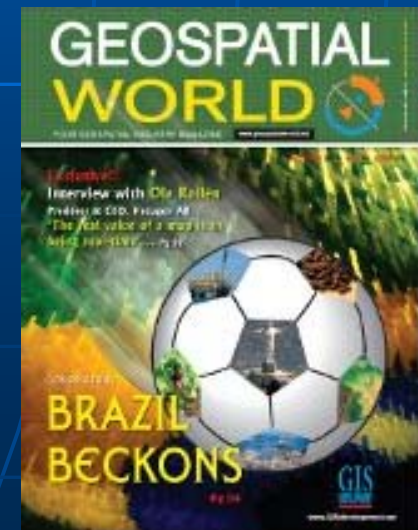
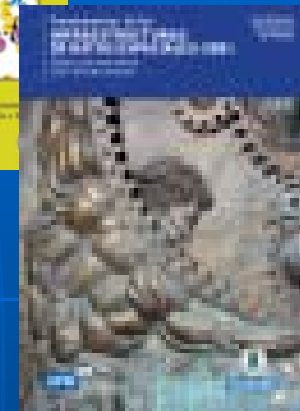
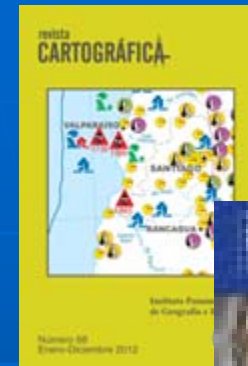
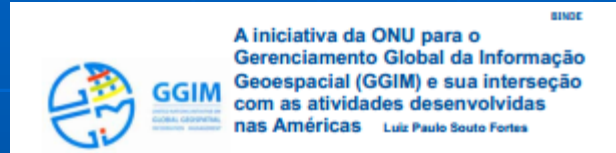
**Permanent Committee for Geospatial Data Infrastructure of the Americas**

**CP-IDEA**

**COMITÉ PERMANENTE PARA LA INFRAESTRUCTURA DE DATOS GEOESPACIALES DE LAS AMÉRICAS**

New logo

# Publications, books, magazines and interviews





**UNRCC**

United Nations  
Regional Cartographic Conferences



## MundoGEO Latin America 2013 Special Award

**For the activities carried out during the past four years  
towards the development of Spatial Data Infrastructures  
in the Americas**





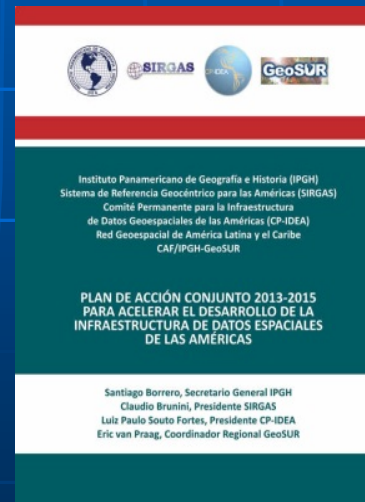
## Cooperation and Partnerships

### 1. PAIGH-SIRGAS-PC-IDEA-GeoSUR Joint Action Plan

This policy document aims to fostering the development of SDI of the Americas, harmonizing efforts and work plans, and avoiding duplication



Available in Spanish, English and Portuguese



44th PAIGH Steering Council Meeting  
Buenos Aires, November 2012

- <http://www.ipgh.org/Iniciativas/JointActionPlan.pdf>
- <http://www.ipgh.org/Iniciativas/PlanConjunto.pdf>
- <http://www.ipgh.org/Iniciativas/PlanodeAcao.pdf>





**UNRCC**

United Nations  
Regional Cartographic Conferences



## Cooperation and Partnerships

2. Cooperation proposal between the Panamerican Institute of Geography and History (PAIGH) and the United States Statistics Division (UNSD) regarding PC-IDEA activities. This proposal is under discussion between the involved entities.



# Final Comments



All goals established by the 9th UNRCC-A have been achieved, in addition to many products/activities that have been generated/carried out during this term. The work plan has been implemented in such a way that the next Executive Board may promote its continuity, in case this is envisaged.



Numerous working meetings have been held during this term:

- 4 plenary meetings
- 1 Executive Board meeting
- 7 GTplan meetings

Besides, a large number of virtual meetings have also been held. All these activities have certainly contributed to the achievement of all goals for this period



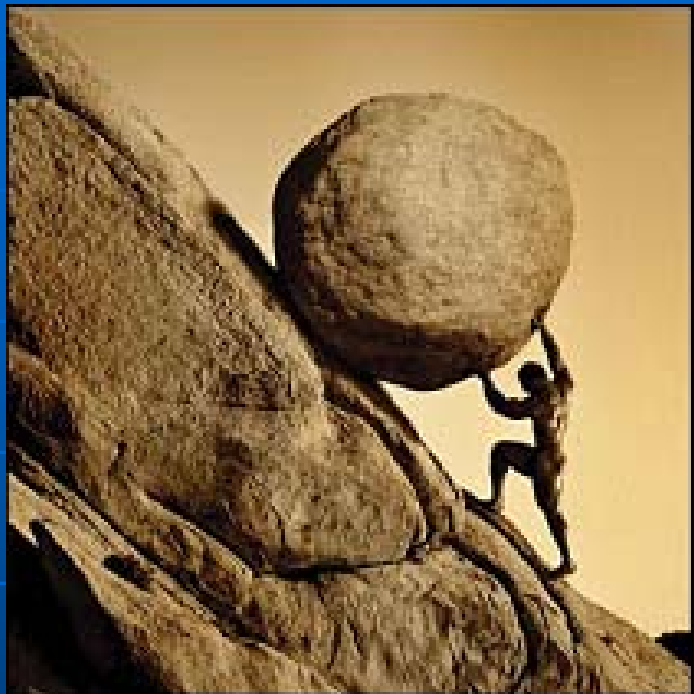
# Final Comments



PC-IDEA recognizes the importance of the UN-GGIM initiative, which aims to set a high level forum, coordinated by the member countries, for global geospatial information management. PC-IDEA was glad with the opportunity of actively contributing to the process of building this initiative and its corresponding UN Committee of Experts.



# Acknowledgements



Many thanks to all colleagues and institutions for supporting PC-IDEA activities during the 2009-2013 term, specially to:

- PC-IDEA Executive Board
- WG coordinators and members
- PC-IDEA members
- UNSD



**Luiz Paulo Souto Fortes**

President of PC-IDEA

Instituto Brasileiro de Geografia e Estatística – IBGE

[luiz.fortes@ibge.gov.br](mailto:luiz.fortes@ibge.gov.br)  
<http://www.cp-idea.org/>