



PC-IDEA

Activity Report

August 2009 - August 2012

**Permanent Committee for Geospatial Data
Infrastructure of the Americas (PC-IDEA)
2009 – 2013**

President

Luiz Paulo Souto Fortes

Vice President

Esteban Tohá González

Executive Secretary

Valéria Oliveira Henrique de Araújo

Member countries

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

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1. Introduction

The Permanent Committee for Geospatial Data Infrastructure of the Americas (PC-IDEA) was established on February 29, 2000, based on the Resolution #3 of the 6th United Nations Cartographic Conference for the Americas – UNRCC-A (1997), to maximize the economic, social and environmental benefits derived from the use of geospatial information. This is 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. Besides, PC-IDEA implements the regional mechanism associated to the United Nations Global Geospatial Information Management (UN-GGIM) initiative.

Among the main objectives of PC-IDEA, the following ones can be listed:

- ✓ 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.

The Committee is currently formed by 24 American countries (Figure 1) and, as established at the 9th UNRCC-A (2009), Brazil is in charge of the Presidency and the Executive Secretariat for the 2009-2013 period.



Figure 1: member countries of CP-IDEA

The statute (http://www.cp-idea.org/documentos/Statute_PCIDEA_maio2011_final_eng.pdf) establishes the existence of an Executive Board (Figure 2). Vocal members shall preferably represent one of the four American sub-regions, namely North America, Central America, the Caribbean Islands and South America, with a view to seeking regional balance.

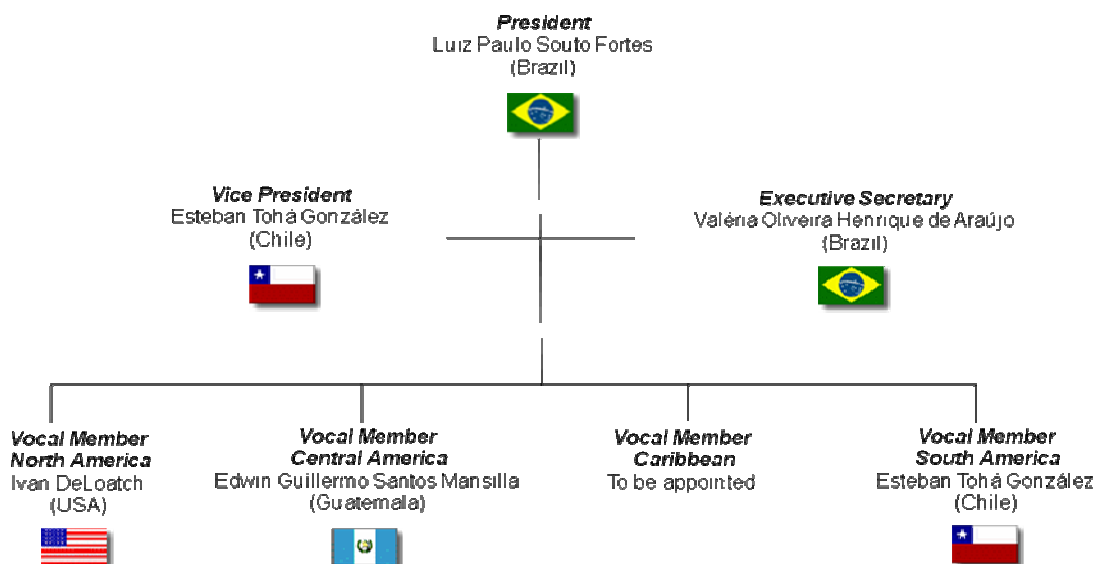


Figure 2: 2009-2013 PC-IDEA's Executive Board (situation in August 2012)

The distribution of countries by region is shown in table 1.

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
Caribbean	13	3	23

Table 1: PC-IDEA's members by region (source: ECLAC)

PC-IDEA's work plans are in accordance with the resolutions adopted at UNRCC-A, which happens every 4 years. At the last one, held in August 2009 in New York, the following 7 resolutions related to the activities of PC-IDEA were established:

1. Workplan of the Permanent Committee for Geospatial Data Infrastructure of the Americas and establishment of working groups

2. Mechanisms for the building of spatial data infrastructures
3. New study on the status of mapping by country and region
4. Forum for sharing special data infrastructure best practices
5. Follow-up meeting on disaster risk management and spatial data infrastructure
6. Funding issues
7. Support of spatial data infrastructure in the developing countries of the Americas and in particular in the Caribbean region

To comply with these resolutions, PC-IDEA established the Working Group on Planning (GTplan) in May 2010, which has worked together with the Executive Board to draft the Committee's work program for 2009-2013 aimed at capacity building, institutional strengthening and many other products and actions that are already being made available to member countries. It is expected that these products and actions will have been completely delivered by the end of 2013.

In addition, the Committee seeks to disseminate all its activities through presentations at events and made them available at its website (www.cp-idea.org).

The activities carried out since 2009 are briefly reported in the following sections, along with links to all the documents produced.

2. Administrative issues

2.1. Vice-President

With the retirement of Mr. Mario Reyes, from the National Institute of Statistics and Geography of Mexico, in 2009, a new Vice President was named for PC-IDEA, Mr. Cristian Aqueveque, Chile's representative on the Committee (as well as South America's), during the meeting of the Executive Board in May 2010, in New York.

Following the consultations established at the Statute, he assumed the position of South America's representative and, later, of Vice President of the Committee.

2.2. New Central America's Representative

After the Committee's approval, as set out in the Statute, Mr. Oscar Leonel Figueroa Cabrera was appointed Central America's Representative. He replaced Mr.

Ronald Estuardo Arango Ordoñez, both from the National Geographic Institute of Guatemala.

With the beginning of the management of the new Director of IGN-Guatemala, Mr Edwin Guillermo Santos Mansilla, and after due consultation with the Committee, the same was confirmed in June 2012 as new Member of Central America.

2.3. Caribbean's Representative

In the 9th UNRCC-A, Cuba was elected as the Caribbean's representative at the Executive Board. After the change in its status at the Committee, Cuba did not show interest in performing this new role. As a result, the representation for this American region is currently being replaced.

2.4. Resource requesting

In 2010 two requests for funding the activities of the Committee were submitted to international bodies:

- 2.4.1. **CYTED Convocation** – The Project "Ibero-american Network to improve and enhance the use of spatial data infrastructures (SDI) in territorial planning" was presented at the

Ibero-american Program of Science and Technology for Development (CYTED). The overall objective of the project is stimulating the creation of a scientific and technological research network associated to the PC-IDEA. Its purpose is to develop methodologies and applications for geospatial data and services, making use of Spatial Data Infrastructures (SDI) for territorial planning, risks associated to territorial vulnerability, and sustainable use of natural resources, improving decision making. Brazil, Chile, Colombia, Cuba, Guatemala and Portugal participated of the proposal, presenting documentation. The project included the participation of all countries of the Committee, not only of those directly involved that presented documentation. Besides the mentioned objectives, the proposal would allow members and other technicians involved in the work of PC-IDEA to be present in the several meetings to be held. The amount was estimated at € 33,000 per year for a four-year project. The proposal was presented in April 2010. In December we were informed by the CYTED Secretariat that the project had not been approved and that there will be a new Convocation in 2011.

2.4.2. **World Bank** – The project "Strengthening of Spatial Data Infrastructures (SDI) of the Americas" was presented to the World Bank (Brazil) through the Institutional Development Fund (IDF), in order to 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. The request of funding for strengthening and empowerment of the countries of the Americas in the scope of the SDI was justified. The proposal was submitted in October 2010 with a total budget of US\$ 672,645.00 for three years. Among the main activities planned in the two lines of action of the project are the Working Groups meetings, events on disaster and risks, and various courses and training for the countries of the Americas. In February 2011 the World Bank representation in Brazil reported that the project had not been approved.

2.5. New Statute

The document was approved in May 2010, as follows: 17 ayes and 1 abstention (6 countries did not submit their votes). Available in Spanish and English in http://www.cp-idea.org/documentos/Estatuto_CPIDEA_maio2011_final_esp.PDF and http://www.cp-idea.org/documentos/Statute_PCIDEA_maio2011_final_eng.pdf.

The Portuguese version is being prepared and is expected to be available by the end of 2012.

3. Meetings and participation in events

- ✓ Participation of the President in the First Preparatory Meeting of the Proposed United Nations Committee on Global Geographic Information Management (<http://ggim.un.org/meeting1.html>), October 25, 2009, in Bangkok, Thailand, in the 18th United Nations Regional Cartographic Conference for Asia and the Pacific (<http://unstats.un.org/unsd/geoinfo/RCC/unrccap18.html>), which was held in the same city, on October 26-29, 2009, and in the panel "*Permanent Committee on Geographic Information System Infrastructure for Asia and the Pacific - PCGIAP Future Directions*" of the Conference.
- ✓ Participation of the Executive Secretary in the Workshop CYTED IDEDES "IDEs Semánticas Sociales", in Panama, November 9-11, 2009.
- ✓ Participation of the President, Representatives of the Board (Chile, Mexico, Guatemala), Representative of Canada and of the Executive Secretary in the Second Preparatory Meeting of

- the Proposed United Nations Committee on Global Geospatial Information Management, held on May 10-11, 2010, in New York (<http://ggim.un.org/meeting2.html>).
- ✓ 5th Meeting of the Board, on May 12-13, 2010, in New York, United States. (<http://www.cp-idea.org/Reuniones/Junta Directiva>).
 - ✓ Participation of the President in the 42th “Reunião do Conselho Diretivo do IPGH” and in the “Reunião CAF-GeoSUR”, held in Lima, Peru, November 10-12, 2010.
 - ✓ 1st Meeting of the Working Group on Planning (WGplan), December 1-3, 2010, in Rio de Janeiro, Brazil (http://www.cp-idea.org/documentos/grupotrabajo/Acta_GT_Trabajo_Plan_RioJaneiro_1a3dec2010_ING.pdf).
 - ✓ Participation of the President in the Geospatial World Forum, in Hyderabad, India, January 16-21, 2011.
 - ✓ Participation of the President, Representatives of the Board (Chile, Mexico, Guatemala), United States, Canada, Colombia and the Executive Secretary in the Third Preparatory Meeting of the Proposed United Nations Committee on Global Geospatial Information Management, April 4-6, 2011, in New York (<http://ggim.un.org/meeting3.html>).
 - ✓ 2nd Meeting of the Working Group on Planning (WGplan), April 6-7, 2011, in New York, United States (http://www.cp-idea.org/documentos/grupotrabajo/Acta_GT_Trabajo_Plan_NewYork_6y7abr2011_ENG.pdf).
 - ✓ 7th Meeting of the PC-IDEA, August, 18-19, 2011, in Rio de Janeiro, Brazil (http://www.cp-idea.org/documentos/Ata_7a_Reuniao_CPIDEA_Rio_ago2011_ING.pdf), along with the Latin American Geospatial Forum 2011.
 - ✓ 3rd Meeting of the Working Group on Planning (WGplan), August 19, 2011, in Rio de Janeiro, Brazil (http://www.cp-idea.org/documentos/grupotrabajo/Acta_GT_Trabajo_Plan_RioJaneiro_19ago2011_ENG.pdf)
 - ✓ First High Level Forum on United Nations Global Geospatial Information Management - 1st HLF UN-GGIM”, October 24-26, 2011, in Seoul, South Korea (<http://ggim.un.org/>).
 - ✓ First Session of the United Nations Committee of Experts on Global Geospatial Information Management – UNCE-GGIM, October 26, 2011, in Seoul, South Korea (<http://ggim.un.org/>).
 - ✓ 8th Meeting of the CP-IDEA, October 27, 2011, South Korea (http://www.cp-idea.org/documentos/Ata_8a_Reuniao_Seul_27out2011_ING_final.pdf).
 - ✓ 4th Meeting of the Working Group on Planning (WG-plan), February 8-9, 2012, in Rio de Janeiro, Brazil (http://www.cp-idea.org/documentos/grupotrabajo/Acta_GTplan_RioJaneiro_Feb2012_ESP_Versión%20Final_LP.pdf).
 - ✓ Participation of the President in the Forum on the Future Trends in Geospatial Information Management: the Five to Ten Year Vision, Geospatial World Forum, Amsterdam, Holland, April 24, 2012.

- ✓ 5th Meeting of the Working Group on Planning (WG-plan), May 16, 2012, em Quebec City, Canadá (<http://www.cp-idea.org/Reuniones/Grupos de Trabajo>), along with the Global Geospatial Conference 2012/GSDI 13 World Conference.
- ✓ Participation of the Vice President in Second Session of the United Nations Committee of Experts on Global Geospatial Information Management – UNCE-GGIM, August 13-15, in New York, United States (<http://ggim.un.org/>).
- ✓ The 9th Meeting of the PC-IDEA was set, in Rio de Janeiro, Brazil, for August 16, 2012.
- ✓ Organization of the Symposium:- SDI as Natural Disasters Risk Management Services, in Rio de Janeiro, Brazil, August 17, 2012, as part of the Latin America Geospatial Forum 2012.

4. Papers/works presented

- ✓ ***“Importance of policies and legal instruments for the building of spatial data infrastructures in the Américas”*** (http://unstats.un.org/unsd/newsletter/globalstat_unsd_2010.htm#5-8October_2010) – 18th United Nations Cartographic Conference for Asia and the Pacific, Bangkok, October 26-29, 2009, by Luiz Paulo Souto Fortes
- ✓ ***“Perspectivas del CP-IDEA para 2009-2013*** (<http://www.cp-idea.org/Documentos de Referencia/Organización>) - Taller CYTED IDEDES “IDEs Semánticas Sociales”, Playa Blanca, November 9-11, 2009, by Valéria Oliveira Henrique de Araújo
- ✓ ***“The Importance of Geospatial Information in the Past, Present and Future in the Americas”*** (<http://www.scribd.com/doc/43386131/Luis-Paulo-Soto-Fortes>) International Congress “Desastres y Ordenamiento Territorial en las Américas”, promoted by Instituto Geográfico Nacional do Peru e Instituto Panamericano de Geografía e História – IPGH, Lima, Peru, November, 2010, by Luiz Paulo Souto Fortes.
- ✓ ***“Panorama de la infraestructura de Datos Espaciales del Brasil – INDE”*** (http://www.agesic.gub.uy/innovaportal/file/1183/1/Moema_Jose_de_Carvalho.pdf) - Congreso Uruguayo de Infraestructura de Datos Espaciales, Montevideo, Uruguay, October, 2010, by Moema José de Carvalho Augusto.
- ✓ ***“Spatial Data Infrastructures”*** Joint Seminar Eurostat – IBGE/INEGI on Spatial Statistics, carried out by Eurostat in Luxembourg, June, 2010, by Rafael March (IBGE/Brasil).
- ✓ ***“Geospatial Information Activities in the Americas (SDI Development in the Americas)”*** (http://www.cp-idea.org/documentos/fortalecimiento/Infraestructura_Dados_Espaciais_Aspectos_Iniciativas_Brasil_Américas_Global.pdf e http://www.cp-idea.org/documentos/fortalecimiento/Fortes_SDI_Americas_2011.pdf) - 2011 Cambridge Conference – June, 2011, by Luiz Paulo Souto Fortes
- ✓ ***“CP-IDEA Activities 2009-2011”*** (http://www.cp-idea.org/documentos/reuniones/7a_Reuniao_CPIDEA_ago2011_Rio_PReSE.pdf) – 7th PC-IDEA Meeting during the Latin American Geospatial Forum, in Rio de Janeiro, August 18, 2011, by Luiz Paulo Souto Fortes e Valéria Oliveira Henrique de Araújo.
- ✓ ***“Creación de capacidades institucionales, educación y capacitación”***

- (http://www.cp-idea.org/documentos/reuniones/7a_Reuniao_CPIDEA_ago2011_Rio_GT%20CAP.pdf) – 7th PC-IDEA Meeting, along the Latin American Geospatial Forum, Rio de Janeiro, August 18, 2011, by Dora Inés Rey Martínez (IGAC – Colômbia)
- ✓ **“Normas y Especificaciones Técnicas”**
(http://www.cp-idea.org/documentos/reuniones/7a_Reuniao_CPIDEA_ago2011_Rio_GT%20NOR.pdf) – 7th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 18, 2011, by Luis Gerardo Esparza Ríos (INEGI – México)
 - ✓ **“ Best Practice and Guidelines for the development of SDI”**
(http://www.cp-idea.org/documentos/reuniones/7a_Reuniao_CPIDEA_ago2011_Rio_GT%20PRA.pdf) – 7th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 18, 2011, by Paula McLeod (NRCan – Canadá)
 - ✓ **“ Levantamiento acerca de temas relevantes sobre las IDES para la Región”**
(http://www.cp-idea.org/documentos/reuniones/7a_Reuniao_CPIDEA_ago2011_Rio_GT%20REL.pdf) - – 7th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 18, 2011, by Paula McLeod (NRCan – Canadá), by Oscar Figueroa (IGN – Guatemala).
 - ✓ **“Innovaciones en los organismos nacionales de cartografía en materias propias de su quehacer “**
(http://www.cp-idea.org/documentos/reuniones/7a_Reuniao_CPIDEA_ago2011_Rio_GT%20INN.pdf) – 7th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 18, 2011, by Moema José de Carvalho Augusto (IBGE – Brazil)
 - ✓ **“Implementación de medios tecnológicos para la discusión relacionada con el acceso a la información geoespacial y el rol de los gobiernos en la disseminación de estos datos”**
(http://www.cp-idea.org/documentos/reuniones/7a_Reuniao_CPIDEA_ago2011_Rio_GT%20TEC.pdf) – 7th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 18, 2011, by Esteban Toha Gonzalez (SNIT - Chile)
 - ✓ **“Reporte de las actividades del grupo de trabajo de Planificación GTplan CP-IDEA”** – 7th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 18, 2011, by Álvaro Monett Hernández
 - ✓ **“Questionnaire Analysis and Future Activities”**
(http://www.cp-idea.org/documentos/grupotrabajo/3a_Reuniao_CPIDEA_GTPLAN_SE.pdf) – 3rd PC-IDEA GTplan Meeting, during the Latin American Geospatial Forum, in Rio de Janeiro, August 19, 2011, by Valéria Oliveira Henrique de Araújo
 - ✓ **“Infraestrutura de Dados Espaciais – Aspectos das Iniciativas do Brasil, das Américas e Global ”**
(http://www.cp-idea.org/documentos/fortalecimiento/Infraestrutura_Dados_Espaciais_Aspectos_Iniciativas_Brasil_Americas_Global.pdf) – Curso de Infraestructura de Datos Espaciales – Madrid, October 5, 2011, by Valéria Oliveira Henrique de Araújo
 - ✓ **“Challenges in Geospatial Policy Formulation and Institutional Arrangements”**
(http://www.cp-idea.org/documentos/fortalecimiento/PCIDEA_Policy_Formulation_InstArrangements_HLF_GGIM.pdf) - First High Level Forum on United Nations Global Geospatial Information Management - 1st HLF UN-GGIM” - Seoul, South Korea, October 24, 2011, by Luiz Paulo Souto Fortes

- ✓ ***“PC-IDEA Perspectives on SDI Policy and Standards”***
(http://www.cp-idea.org/documentos/fortalecimiento/CPIDEA_OGC_Interoperability_Oct_27_2011.pdf) - OGC Korea Interoperability Day, Seoul, South Korea, October 27, 2011, by Luiz Paulo Souto Fortes
- ✓ ***“Geospatial Data Infrastructures in South America”***
(http://www.cp-idea.org/documentos/fortalecimiento/Valeria_Araujo_IIRSA_Buenos%20Aires_nov2011.pdf) - Taller on Cartographic Agendas – Buenos Aires, Argentina, November 11, 2011, by Valéria Oliveira Henrique de Araújo
- ✓ ***“UN Initiative for the Global Management of Geospatial Information -- GGIM”***
(http://www.cp-idea.org/documentos/CONCAR/Seminario_GGIM_IBGE_13_dez_2011_final.pdf) – IBGE Seminar, Rio de Janeiro, Brazil, December 13, 2011, by Luiz Paulo Souto Fortes and Valéria Oliveira Henrique de Araújo.
- ✓ ***“Planificación CP-IDEA 2012-2013”***
(<http://www.cp-idea.org/> - Documentos de Referencia) 4th PC-IDEA GTplan Meeting, in Rio de Janeiro, February 8-9, 2012, by Álvaro Monett Hernández (SNIT – Chile)
- ✓ **Cuestionario 2011 CP-IDEA: proceso de aplicación, resultados, conclusiones y alternativas de difusión**
(<http://www.cp-idea.org/> - Documentos de Referencia) 4th PC-IDEA GTplan Meeting, in Rio de Janeiro, February 8-9, 2012, by Álvaro Monett Hernández (SNIT – Chile)
- ✓ ***“Propuesta de Normas “Core” para la Región”***
(<http://www.cp-idea.org/> - Documentos de Referencia) 4th PC-IDEA GT plan Meeting, in Rio de Janeiro, February 8-9, 2012, by Luis Gerardo Esparza Ríos (INEGI – México)
- ✓ ***A Common Glossary for PC-IDEA***
(<http://www.cp-idea.org/> - Documentos de Referencia) 4th PC-IDEA GT plan Meeting, in Rio de Janeiro, February 8-9, 2012, by Paula McLeod (NRCan – Canadá)
- ✓ ***“Providing Data to SDI: the Role of the Public and Private Sectors”***
(http://www.geospatialworldforum.org/2012/gwf_PDF/Luiz%20Paulo%20Souto%20Fortes.pdf) - Geospatial Forum World, in Amsterdam, Holland, April, 2012, by Luiz Paulo Souto Fortes.
- ✓ ***“La Infraestructura Nacional de Datos Espaciales de Brasil (INDE) y el Escenario de América Latina a través de lo CP-IDEA”***
(<http://congreso.agrimensorescordoba.org.ar/programa>) - XI Congreso Nacional y VIII Latinoamericano de Agrimensura, Villa Carlos Paz – Córdoba, Argentina, May 4, 2012, by Valéria Oliveira Henrique de Araújo
- ✓ ***“PC-IDEA Initiatives towards Spatially Enabling the Americas”***
(<http://www.gsdi.org/gsdiconf/gsdi13/abstracts.html#ab61>) - GSDI 13, Québec, Canada, May, 2012, by Luiz Paulo Souto Fortes.
- ✓ ***“An overview on the status of SDI relevant issues in PC-IDEA members countries”***
(<http://www.gsdi.org/gsdiconf/gsdi13/abstracts.html#ab96>) - GSDI 13, Québec, Canada, May 2012, por Alvaro Monett Hernández e Paula McLeod.

- ✓ **“UN Initiative for the Global Management of Geospatial Information -- GGIM”**
(http://www.mundogeoconnect.com/2012/arquivos/29abcd/LuizPauloFortes_MundoGEOConnect2012.pdf) – MundoGeo#connect 2012, Fórum Internacional de Geotendências, May 29, 2012, by Luiz Paulo Souto Fortes.

- ✓ **“PC-IDEA Activities in the construction of Geospatial Data Infrastructure of the Americas”**
(http://www.mundogeoconnect.com/2012/arquivos/29abcd/ValeriaOliveiraAraujo_MundoGEOConnect2012.pdf) – MundoGEO#Geoconnect 2012, Fórum Internacional de Geotendências, May 29, 2012 by Valéria Oliveira Henrique de Araújo.

- ✓ **“Monitoring Sustainable Development – Why Location Matters”**
(<http://www.uncsd2012.org/>) - Rio + 20, Rio de Janeiro, Brazil, June 20, 2012, by Luiz Paulo Souto Fortes.

- ✓ **“PC-IDEA Activities - Status and perspectives”**
(<http://www.cp-idea.org/>) - Second Session of the United Nations Committee of Experts on Global Geospatial Information Management – UNCE-GGIM, August 13-15, 2012, New York, United States, by Esteban Tohá

- ✓ **“PC-IDEA Activities in the construction of Geospatial Data Infrastructure of the Americas and the UN Initiative for the Global Management of Geospatial Information - GGIM”**
(<http://www.cp-idea.org/>) - VIII Encontro do Grupo Estratégico de Geotecnologias da Companhia Vale do Rio Doce – CVRD, Rio de Janeiro / Brasil – August 14, 2012, by Valéria Oliveira Henrique de Araújo

- ✓ **“PC-IDEA Activities / 2011 – 2012”**
(<http://www.cp-idea.org/>) – 9th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 16, 2012, by Valéria Oliveira Henrique de Araújo

- ✓ **“PC-IDEA Questionnaire: conclusions and prospects for 2013”**
(<http://www.cp-idea.org/>) - 9th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 16, 2012, by Alvaro Monett Hernández and Paula McLeod

- ✓ **“Capacity Building: Institutional, Education and Training”**
(<http://www.cp-idea.org/>) - 9th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 16, 2012, by Dora Inés Rey Martínez e Carolina Morera

- ✓ **“Progress in Standards and Technical Specifications Working Group”**
(<http://www.cp-idea.org/>) - 9th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 16, 2012, by Luis Gerardo Esparza Ríos

- ✓ **“Best practices and guidelines for the development of SDI”**
(<http://www.cp-idea.org/>) - 9th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 16, 2012, by Paula McLeod

- ✓ **“CP-IDEA Web: a space for the dissemination, collaboration and exchange”**
(<http://www.cp-idea.org/>) - 9th PC-IDEA Meeting along the Latin American Geospatial Forum, in Rio de Janeiro, August 16, 2012, by Esteban Tohá

- ✓ **“The Importance of Geospatial Information Management Natural Hazards in the Americas”**
(<http://www.cp-idea.org/>) - Symposium:- SDI as Natural Disasters Risk Management Services along the Latin American Geospatial Forum, in Rio de Janeiro, August 17, 2012, by Valéria Oliveira Henrique de Araújo
- ✓ **“Información geoespacial y gestión de riesgos en Chile”**
(<http://www.cp-idea.org/>) - Symposium:- SDI as Natural Disasters Risk Management Services along the Latin American Geospatial Forum, in Rio de Janeiro, August 17, 2012, by Esteban Tohá
- ✓ **“Multi-Agency Situational Awareness System”**
(<http://www.cp-idea.org/>) - Symposium:- SDI as Natural Disasters Risk Management Services along the Latin American Geospatial Forum, in Rio de Janeiro, August 17, 2012, by Paula McLeod
- ✓ **“Tecnologías de la Información para la Gestión del Riesgo de Panamá”**
(<http://www.cp-idea.org/>) - Symposium:- SDI as Natural Disasters Risk Management Services along the Latin American Geospatial Forum, in Rio de Janeiro, August 17, 2012, by Israel Sanchez

5. Work Plan 2009 - 2013

Prepared by the Working Group on Planning (GTplan), coordinated by Chile and co-coordinated by Canada. The Plan was developed considering seven themes to be developed by August 2013, namely:

- ✓ Theme 1: Institutional Strengthening, Education and Training (CAP) – Country in charge: Colombia
- ✓ Theme 2: Standards and Technical Specifications (NET) - Country in charge: Mexico
- ✓ Theme 3: Recommended practices and guidelines for the development of the SDI (PRA) Country in charge: Canada
- ✓ Theme 4: Innovations in national cartographic agencies (INN) - Country in charge: Brazil
- ✓ Theme 5: Inventory on relevant issues on SDI for the region (REL) - Countries in charge: Guatemala and Chile
- ✓ Theme 6: Assessment of the Development of the SDIs in the Americas (DES) - Countries in charge: Cuba and Canada
- ✓ Theme 7: Implementation of technological means for the discussion of data access and dissemination of geospatial data (TEC) - Country in charge: Chile

To support planning activities, some members of the GTplan felt the need to apply a questionnaire covering the issues of training, standards and specifications, best practices and a guide for the SDI, Innovations in National Mapping Institutes and Status of the SDI in the America to Committee member-countries.

This questionnaire consisted of 76 questions developed by GTplan and applied to members of the CP-IDEA throughout 2011. Twenty of the 24 members responded to the questionnaire (Cuba, Dominican Republic, Guyana and the United States did not answer). Analyses were processed in 2012 and this diagnosis will be made available to all in August 2012 during the 9th plenary meeting of the Committee to be held in Rio de Janeiro.

The structure of the report includes a description of the methodology used to gather data and its subsequent processing. It also contains the presentation of results for each of the themes. A brief comparison between the results of the questionnaire used in 2008 and those obtained in 2011 was made. Finally, the conclusions and the following annexes were presented:

- Annex A: broadly shows academic offer in countries of the Americas
- Annex B: related to good practices and successful stories documented in the member countries of the PC-IDEA
- Annex C: lists the legal instrument which supports the SDI in each country, when necessary.

The report will be part of the publication, in digital format, complemented by the individual responses of the countries that authorized its publication.

(<http://www.snit.cl/cpidea/index.php/component/jdownloads/finish/42-9-reunion-cp-idea/245-diagnostico-sobre-temas-relevantes-de-la-gestion-de-informacion-geoespacial-y-desarrollo-de-las-infraestructuras-de-datos-espaciales--ide-en-los-paises-de-las-americas?Itemid=0>)

Based on this questionnaire, the Work Plan for the period 2012-2013 was completed by the GTplan, and can be found in http://www.cp-idea.org/documentos/plano_trabalho/Plano_Trabalho_ENG.pdf. With the implementation of this plan, we seek to achieve the following goals in August 2013, on the occasion of the 10th UNRCC-A

Capacity Building

- ✓ Implementation of an observatory to give access to the existing courses and to receive the existing demand
- ✓ Conclusion of the Capacity Building Plan for the Americas

Standards

- ✓ Definition of the Core Standards of the Americas

Best Practices

- ✓ Preparation of the PC-IDEA Guideline, including a chapter on the social and economic impacts of SDI

Innovation

- ✓ Realization of a study related to the institutional models of National Mapping Agencies and of those responsible for National SDI, identifying weaknesses and strengths

SDI Observatory and Technology

- ✓ Development of a new website, with functionalities that implement the discussion forum mentioned in the 2009 UNRCC-A resolutions

Additionally, a simplified version of the questionnaire is planned to be resubmitted to PC-IDEA member countries in 2013 in order to monitor SDI advances and progress during the 2011-2013 time period.

Besides the activities described above, as recommended by the 9th UNRCC-A, an event on Disaster and Risk, focusing the SDI, is to take place in Rio de Janeiro on August 17, 2012 within the Latin American Geospatial Forum (<http://www.lagf.org/>). This event is being organized by the PC-IDEA and Geospatial Media and Communication. The representatives of Colombia and Canada will be responsible for planning and organizing the event.

6. Magazines, publications, interviews and books

- ✓ Book: Fundamentos de las Infraestructuras de Datos Espaciales – IDE - Spain, Chapter 38 – “CP-IDEA: Actualidade y Perspectivas cercanas”, organized and edited by the National Geographic Institute of Spain, Authors: Luiz Paulo Souto Fortes, Álvaro Monett Hernández, Moema José de Carvalho Augusto and Valeria Oliveira Henrique de Araújo), August 2012 (<http://www.upmpress.es/tienda/>)
- ✓ Interview for the MundoGEO magazine, no 68 - August 2012, by Valeria Oliveira Henrique de Araújo - <http://mundogeo.com/mundogeo68/>
- ✓ Interviews for the 2012 Geoconnect/Brazil – May 2012
 - http://www.youtube.com/watch?v=RaccstcG3w&feature=player_embedded – by Luiz Paulo Souto Fortes
 - <http://mundogeo.com/blog/2012/07/16/conheca-um-pouco-mais-sobre-o-trabalho-do-cp-idea-no-setor-geoespacial/> – by Valéria Oliveira Henrique de Araújo
- ✓ Interview for the 2011 Geoconnect – May 2011
<http://www.youtube.com/watch?v=Y5sjsP1tKE> - by Luiz Paulo Souto Fortes
- ✓ Article for the Geospatial World Magazine, October 2010 – "Poised to Realise Potential" - by Luiz Paulo Souto Fortes
- ✓ Interview for the Mapping magazine (Spain) – 2010 - by Luiz Paulo Souto Fortes
- ✓ Article for the 2011-2012 SNIT Newsletter, Fortes, L. P. S. "Actualidad de las Infraestructuras de Datos Espaciales de las Américas". SNIT Newsletter 2011-2012, pp. 8-10, Sistema Nacional de Coordinación de Información Territorial (SNIT), Ministerio de Bienes Nacionales, Chile, October 2011.
- ✓ INDE Bulletin nº 3 (Brazil)
(http://www.concar.gov.br/arquivo/150@boletim_inde_n3_internet.pdf)
Article:
The UN initiative for the Global Geospatial Information Management (GGIM) and its intersection with the activities developed in the Americas, by Luiz Paulo Souto Fortes
Interviews with Paula Mcleod - NRCAN (Canada), Iván Darío - IGAC (Colombia) and Esteban González Tohá - SNIT (Chile)

7. Other activities

- ✓ Transfer of domain website from Mexico`s INEGI to Brazil. Load of all existing documents on the site. In 2011 the Vice-Presidency of PC-IDEA (Chile) took over the administrative work and load all information on the Committee`s website in view of the responsibility of this country regarding the implementation of technology issues, according to work plan prepared by GTplan.

It should be noted that the site is being totally redesigned. The launch of new website is scheduled for the 9th PC-IDEA Plenary Meeting, to take place in Rio de Janeiro, Brazil, on 16 August 2012.

- ✓ Preparation of papers 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 (UN-GGIM, for example).

8. Cooperation with the Pan American Institute of Geography and History (PAIGH)

8.1. PAIGH Resolution No. 8 (November, 2010)

During the 42th Meeting of the Board of the Pan American Institute of Geography and History - PAIGH, held on November 8-12, 2010, in Lima, Peru, Resolution No. 8/2010 was approved (available at http://www.ipgh.org/Consejo-Directivo/42-RCD/Files_42-RCD/42-RCD_Resol-08.pdf), which recommends to the Member Countries of the Institute to participate actively in initiatives that are part of the work program of the CP-IDEA.

8.2. PAIGH Resolution No. 4 (November, 2011)

During the 43th Meeting of the PAIGH Board, held in Santo Domingo, Dominican Republic, on November 16-18, 2011, Resolution No. 4/2011 (available at http://www.ipgh.org/Consejo-Directivo/43-RCD/Files_43-RCD/43-RCD_Resol-04.pdf) establishing the Committee for Geospatial Data Infrastructure of the Americas (PC-IDEA) in the Cartography Commission of PAIGH was approved. In order to incorporate the goals of the PC-IDEA in the Work Plan of the Cartography Commission of the PAIGH in a harmonious and pro-active way, a *pro-tempore* Working Group, composed of the President of the Cartography Commission or its Vice President, the Secretary General of the PAIGH and the President of the PC-IDEA was formed. The results of this working group must be reported to the Board in its 44th Meeting.

Report originally done in Portuguese and later translated into English and Spanish.

Translation (Portuguese / English):

Leonardo Zechlinski Maya (IBGE)

Vinicius Duarte Figueira (IBGE)

Translation (Portuguese / Spanish):

Not done yet.