

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

SDI-LAC

April 2010

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Spatial Data Infrastructure-Latin America and the Caribbean (SDI-LAC) is a regional, monthly, and free, electronic newsletter from the [Global Spatial Data Infrastructure Association](#) (GSDI). It focuses on aspects related with Spatial Data Infrastructure, and on GIS, remote sensing, and data management issues, related with SDI in Latin America and the Caribbean. It aims to raise awareness, provide useful information to strengthen national SDI initiatives, and support synchronization of regional efforts.



[GSDI Definition](#)

The [Pan-American Institute of Geography and History](#) (PAIGH), member organization of GSDI, and the [Permanent Committee on Geospatial Data Infrastructure for the Americas](#) (PC-IDEA), promote SDI development in the region. The newsletter is prepared by PAIGH for GSDI.

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Message from the Editor

Due to an increasing volume of information on events, the respective section will be restricted to those events taking place in the Americas. However, for "The Rest of the World: Conferences, SDI Events", please find a link to upcoming events of global or major international interest in GSDI webpage at: <http://www.gsdi.org/events/upcnf.asp>

We kindly inform that SDI-LAC Newsletter is taking correspondent members in each country of the LAC region. Next issues will include their contributions. If you would like to become a correspondent for your country please contact Nancy Aguirre cnaguirre@ipgh.org. In principle the only requirement is that you are an active member in the Spatial Data Infrastructure activities of your country.

If you have news or information related to GIS, remote sensing, and Spatial Data Infrastructure that you would like to highlight (e.g., projects, conferences, workshop announcements, publications, reports, websites of interest, etc.), kindly send them in. We would be happy to include them in the newsletter.

We also encourage you to send to the editor your comments and suggestions for the continuous improvement of SDI-LAC Newsletter. **PLEASE share this newsletter with colleagues who may find the information useful, and ideally they will subscribe themselves.**

Back issues of the newsletter are at the GSDI website: <http://www.gsdi.org/newsletters.asp>

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Input to this Issue

Thanks for their contributions to this SDI-LAC Newsletter issue to:

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Arturo Brun-Martinez	Architect, Bogota, Colombia
Sarah Carr	Network Coordinator, Ecosystem-Based Management Tools, Arlington, VA, USA
Ludo Engelen	SADL, K.U.Leuven, Spatial Applications Division Leuven, Leuven, Belgium
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Dawn Wright	Professor, Department of Geosciences, Oregon State University, USA

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SDI News, Links, Papers, Presentations

[Working Group is Established for Supporting ONEMI on Identifying Earthquake Affected Areas, Chile.](#)

Source: <http://www.snit.cl/>

On Monday March 1st, at the branch-office of the National Emergency Office (in Spanish ONEMI) in Chile, it was established a working group to support inter-agency coordination for acquisition, processing and distribution of geospatial information to support government efforts over the critical situation caused by the earthquake on late February. As a way of contributing to government efforts in identifying the most affected areas by the earthquake that shook the country, an executive committee was established to interact with international bodies such as the UN and the World Bank, in order to allow access to satellite information and to assess damages caused by this massive earthquake. Through the UN-SPIDER system, a platform that facilitates the use of satellite technologies for disaster management and emergency response, governments like Chile have the ability to access and use all kinds of information obtained from space for evaluating damages caused by this phenomenon. The Executive Committee is coordinated by ONEMI, and is also integrated by the National Service of Geology and Mining (in Spanish SERNAGEOMIN), the Chilean Space Agency (in Spanish ACE) and the Ministry of National Property. Thus, the ONEMI maintain its liaison role in the UN-SPIDER network and would manage, through the Secretariat for Economy, any request for satellite images and professional expertise to organizations or other states, while the Ministry of National Heritage will coordinate information requirements and Institutional Services. In order to foster image transfer from international agencies, providing information to government services, and for allowing data exchange, the SNIT (National Territorial Information Coordination System) has developed a portal to provide access to all earthquake related information, not just to satellite data or maps, but will also include state road infrastructure, and links to information from Health and Education authorities, among others. This team has also called for other agencies such as the Military Geographic Institute; the Aerial-photogrammetric Service, the Ministries of Health, Public Works and Education; the Natural Resource Research Center (in Spanish CIREN) under the Ministry of Agriculture; and professionals from the Chile and Catholic Universities. [See Earthquake Portal 2010: here.](#)



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[First meeting of SNIT Technical Committee addressed effects of earthquake](#)

Source: <http://www.snit.cl/>



First year's meeting of the SNIT Inter-ministerial Technical Committee, held on March 19 convened to address the production, application and transfer of different sector's information to support completion of the emergency phase and beginning of the reconstruction phase in Chile. The Ministries of Education, Public Works, Housing and Urban Development, Health, Planning and Transportation reported on data production, processing methodology, and diffusion to each division and on providing such information to authorities. For example, Web information services -both through institutional Intranet and open for public access, such as the MINVU Urban Observatory site (www.observatoriourbano.cl), were implemented for distributing local territorial planning downloadable instruments (regulatory plans, sectional and city limits) inside the disaster area. Meanwhile, various governmental organizations reported on information sent to SNIT's Executive Secretariat for distribution to other state services, and on technical analyses for information processing and availability to support reconstruction activities such as human settlement planning. The meeting opened with a presentation of the Chilean Space Agency and SERNAGEOMIN, on activities developed by ONEMI during past two weeks, with participation of various state agencies that supplied products and information that were in turn published at the Maps Portal of Chile (www.geoport.cl). Representatives of the World Bank and the United Nations UN-SPIDER network also participated in the meeting. They discussed their technical support to the Chilean Government and issues on other countries' aid experiences that could be adapted to Chile.

[Cooperative work on Geospatial Data Infrastructure continues between Chile and the Dominican Republic](#)

Source: <http://www.snit.cl/>



A workshop on building skills in the use of Metadata Catalogs as tools for geospatial information publishing and discovery was held within a cooperation agreement between the National Statistical Office of the Dominican Republic (in Spanish ONE) and the Ministry of National Property of Chile. The workshop was directed to professionals of Dominican public institutions based on presentations and practical work. These activities were developed at the Computer Laboratory of the ONE in Santo Domingo, Dominican Republic, on February 22-24, 2010. Upon this workshop it was also possible to systematize the participants' vision about steps to follow for future implementation of the Dominican Republic SDI. In this context, central elements of a short-term strategy are to extend training for the continual filling of Metadata Catalogs, the establishment of geospatial information portals for publishing Web maps, and to maintain international technical assistance.

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[More openness to SDI, Colombia](#)

Source: <http://www.icde.org.co/>



The Colombian Spatial Data Infrastructure (in Spanish ICDE) launched a campaign for consolidating participant regional nodes that could feed the production, use and access of national geographic information. During the week of February 22nd the process of informing and shaping the Node "Armenia" began in coordination with the Governor, the Regional Corporation, and the University of Quindio, among others. The Geographic Institute Agustin Codazzi (in Spanish IGAC) developed inter-institutional agreements for building a Geographic Information System (GIS) for this region; but now the aim is to coordinate all pertinent activities through this regional node. It is essential to integrate related processes by consolidating other regional nodes in Boyacá, Antioquia, Valle del Cauca and the Amazon region. These actions seek to understand the fundamentals and importance of Geographic Information Policy for optimizing pertinent activities in Colombia. Interest on strengthening regional nodes lies on the urgency of maximizing benefits from costs reduction, especially regarding inter-agency coordination, and on needs for improving production capacity, information dissemination, and the massive access to geographic information in the country. Working schedules have been established for purposes of providing continuity and an efficient development of geographic information policies led by ICDE. Activities include a First SDI Meeting for the Regions during first semester of 2010 aimed at evaluating guidelines of various coordinating committees on geographic information production and management.

[Land Design, Planning, Intervention and Management Tool, Colombia](#)

Source: <http://www.geoinstitutos.com/>

Mapping is an essential planning tool for organizations to promote any region's development. For this reason, the Governor of Antioquia, the Medellín City Hall, the Metropolitan Area of the Aburrá Valley, the Geographic Institute Agustin Codazzi (in Spanish IGAC), the Institute for Development of Antioquia (in Spanish IDEA), and the Public Enterprise of Medellín (in Spanish EPM) have joined efforts to produce the Antioquia's territory digital cartography. This megaproject for Digital Cartography of Antioquia, will require an initial investment of 15 thousand 183 million pesos, upon an inter-administrative agreement that was signed in November 2009, with a two-year implementation a term. Information products will include from digital aerial photography to the release of an efficient information system for managing all data and information. Products will be of high definition, and for multiple purposes and users, aimed at the common goal of fostering development in the Department of Antioquia.



[Workshop "Towards the Construction of Ecuadorian Metadata Profile \(in Spanish PEM\)", Ecuador](#)

Source: <http://www.geoportaligm.gov.ec>

The workshop titled Towards Construction of the Ecuadorian Metadata Profile (in Spanish PEM) was held on March 18-19, 2010 in Quito, Ecuador. The National Council of Geoinformatics (in Spanish CONAGE) through Group 5 of the Technical Committee in charge of "Metadata" has been working on this line during last year with technical support of involved institutions such as the National Secretary for Planning and Development (SENPLADES), the National Military Institute (IGM), and the Center for Integrated Surveys on Natural Resources through Remote Sensing (CLIRSEN), among others, whose knowledge and experience has been key to establishing a homogeneous working group. The above group has developed national standards for metadata use and management, and has outlined the basics for an Ecuadorian Metadata Profile (in Spanish PEM), based on analyses of related ISO standards (ISO 19115, ISO 19115-2, ISO 19139). In this context, the group has focused efforts on an exhaustive and participatory campaign for developing, analyzing and socializing what will become the PEM, in order to promote it as national standard.

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[Workshop on Spatial Data Infrastructure \(SDI 2010\) at St. Helena, Ecuador](#)

Source: <http://www.geoportaligm.gov.ec>

The Military Geographic Institute (IGM), the Pan-American Institute of Geography and History (PAIGH), and the Peninsular University of Santa Elena (in Spanish UPSE) developed the Spatial Data Infrastructure Workshop (SDI 2010) on March 22-26, 2010 in Santa Elena, Ecuador. The workshop focused on using computer tools to create Geoservices and institutional metadata nodes based on free software within Spatial Data Infrastructure (SDI) conceptual frameworks.



Launch of National Spatial Data Infrastructure of Brazil (INDE)

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

Launch of the National Spatial Data Infrastructure of Brazil (in Portuguese INDE) will take place on April 8, 2010 at headquarters of the Ministry for Planning, Brasilia DF, from 9:00 to 11:00 AM. For more information on this event please log on to INDE Agenda at: http://www.concar.ibge.gov.br/agenda_INDE.pdf.

[Geographic names in Brazil](#)

Source: <http://www.ngb.ibge.gov.br/>



Today Brazil, represented by the Brazilian Institute of Geography and Statistics (in Portuguese IBGE) and its partners, restarts awareness on the geographic names knowledge area, as a key cultural marker for territorial representation. It is also recognized that this knowledge area is revealed as a powerful cultural element for people. Geographic names are articulated according to language, and political and territorial identities. Naming and renaming rivers, mountains, cities, neighborhoods and other geographic features have a political and cultural significance involving ethnic or cultural groups, hegemonic or not. Thus, Brazil has been working towards drafting policies for the systematic and consistent production, maintenance and dissemination of geographic names, in order to encourage the establishment of national and international networks covering mutual interests of the various partners involved in this exciting topic. Some actions built collectively by stakeholders in this knowledge area guide next steps to be taken during 2010, and it is hoped that these may proactively contribute in achieving the main goal: full implementation of the Committee on Geographic Names of Brazil, institution that will be responsible for standardization of geographic names in the country. For more information please contact: E-mail: atendidgc@ibge.gov.br or the [Bank of Geographic Names of Brazil](#) which includes the following information categories and classes: Geographic Names, Sources of Information, Associate Laws, Current Data, Motivation, Etymology, History, Nicknames or alternative names, Location (Position and Relevance to Political-Administrative Divisions), and observations on their representation.

[IGN Authorities Meet with Members of CFC, Argentina](#)

Source: <http://www.ign.gob.ar/>

The Federal Council for Cadastre of Argentina (in Spanish CFC) opened sessions for 2010 at headquarters of the National Geographic Institute (in Spanish IGN). On February, members of CFC met with IGN officials with the purpose of joining and planning projects for current year. These aims at maintaining a closer communication between the above organizations as to decrease redundancy, and to join efforts for producing national cartography, and for installing more permanent GPS stations to RAMSAC Network (Argentinean Network for Continuous Satellite Monitoring). RAMSAC seeks to cover the entire national territory and this year will add 40% more stations to the existing ones.

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Second Latin America and the Caribbean gvSIG Working Days, Venezuela

Source: Communication gvSIG

Caracas will host, under the theme "Uniting people around the world", the second Latin America and the Caribbean gvSIG Working days [1], organized by the National Center of Information Technology (in Spanish CNTI), the Geographic Institute of Venezuela "Simón Bolívar", and the gvSIG Association. These seminars will be held on July 12-16, 2010. First two days will be devoted to conducting several workshops on free Geomatics both for users and GIS tools' developers. During these two days it is hoped to welcome more than 150 people, being technology and knowledge transfer the aim of these workshops. From July 14 to 16, the working days format will be different; these will comprise paper sessions, technology sessions and panels, where a considerably larger audience is expected. The public is intended to become the true protagonist of these working days. The intention is that this event will constitute a meeting point where the Latin American Community could exchange ideas and experiences in the field of Geographic Information and Free Technologies. A meeting point for different experiences, practices, opinions, interpretations, in short, a large and diverse set of reflections, but all aimed at achieving a common goal: to build a new reality in which collaboration and solidarity are fundamental values. Participation will be open so that any person or organization interested in making a communication can send a proposal for evaluation by the Scientific Committee. The deadline for receipt of communication proposals will remain open until **May 7**, 2010. All information on submission of communications may be found at the Communications section of the Conference website [2].

[1] <http://www.gvsig.org/web/community/events/jornadas-lac/2010>

[2] <http://www.gvsig.org/web/community/events/jornadas-lac/2010/Comunicaciones>



Call for Participation 13th AGILE Conference on Geographic Information Science: "Geospatial Thinking"

Source: Ludo Engelen by way of Santiago Borrero

On behalf of the AGILE council, we invite you to participate at the 13th AGILE International Conference on Geographic Information Science, scheduled to take place in Guimarães, Portugal on May 10-14, 2010 <http://agile2010.dsi.uminho.pt>. The program will offer parallel paper presentation sessions, keynote sessions, poster sessions and pre-conference workshops to share your ideas, explore on-going research, future developments, including state-of-the-art applications, and to network with the professionals from academia, industry, and government who are interested in promoting Geographic Information (GI) teaching and research activities among GI laboratories at the European level. A preliminary version of the conference programme is available at: <http://agile2010.dsi.uminho.pt/programme.html>.

Please note: Pope Benedict XVI will visit Portugal in May 11th-14th. On May 14th the Pope will visit Oporto city, located 50km away from Guimarães. We advise all the participants to book the hotel as soon as possible!



Call for presentations on the application of ISO/TC 211 standards to promote interoperability

Source: <http://www.isotc211.org/>

The Ordnance Survey, national body of the United Kingdom, and the ISO/TC 211 Advisory Group on Outreach are co-sponsoring a "Standards in Action: Applications in Interoperability Workshop" on Monday, May 24th, 2010, at Southampton, UK. Please contact Henry Tom HenryTom@Verizon.net if you have a presentation that would be informative and beneficial to users of ISO/TC 211 standards.

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[Ordinance Survey Data to Be Set Free April 1st](#)

Source: <http://gislounge.com/>



Gordon Brown, Prime Minister of the United Kingdom, announced as part of a speech on his plans for digital economy growth that [Ordinance Survey Data will be free starting April 1st](#): “Following the strong support in our recent consultation, I can confirm that from 1 April, we will be making a substantial package of information held by Ordnance Survey freely available to the public, without restrictions on re-use. The release of the data came after a long battle by the [Free our Data coalition](#).”

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Articles and Publications of the Month

[Latest edition of SNIT Magazine is available for consultation and downloading](#)

Source: <http://www.snit.cl/>



SNIT Journal 2009 edition, which may be downloaded online, is now available at the website section on “Publicaciones/Revista.” Inside this issue you may find articles from several agencies, including the Technical Committee ISO/TC 211, the Latin-American Demography Center, CONASET, CONAF and Aguas Andinas. You may also find articles by leading practitioners, including the necessary standardization of geospatial information, by Henry Tom of the ISO/TC 211 Technical Committee; the development of tools for integrating socio-demographic and territorial information, by Dirk Jaspers of CELADE; Using a mapping portal for traffic management by the National Commission on Traffic Safety (in Spanish CONASET); and Information Technology application for handling and using natural resources by the National Forestry Corporation. Meanwhile, the company Aguas Andinas, represents the private sector with an article that refers to Geographic Information Systems applied to integrated management of business processes. The magazine may be found at the following link: [Magazine 2009](#).

[The Many Faces of SDI](#)

Source: Geo: International Magazine http://www.geoconnexion.com/uploads/manyfaces_intv9i3.pdf

Creating Spatial Data Infrastructure (SDI) involves a combination of many different activities and interests –legal, financial, technical and social– to agree the content and functionality for this type of information infrastructure, involving a wide range of stakeholders. Policy-makers and law-makers, technology providers to help collect, process and disseminate the resulting spatial data, and government staffs, businesses and citizens who access and use the new spatially encoded data, all are important players in creating a successful SDI. This article looks at three different SDI programmes and initiatives underway at national, pan-European and global levels [the complete article may be found at: http://www.geoconnexion.com/uploads/manyfaces_intv9i3.pdf]

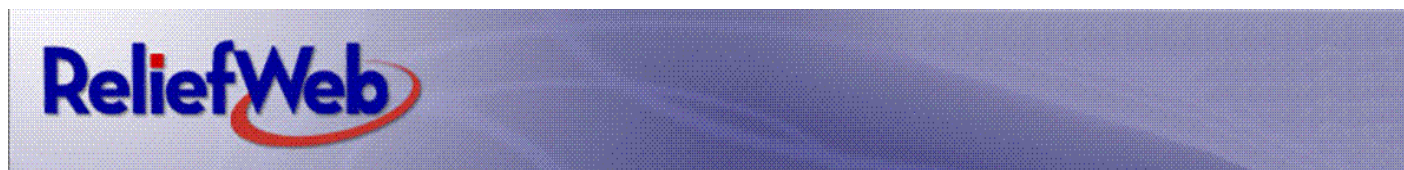
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Geospatial Research and Applications

[Estimates of coastal flooding](#) (European Commission)

Source: <http://www.snit.cl/>



This report published on 3 March 2010, identifies which are the cities and towns that could have been flooded by the tsunami occurred in Chile last February through simulations and calculations. It also illustrates a list of locations of flooding confirmation. [Download PDF Report](#). For more information visit: <http://www.reliefweb.int>

Research on Privacy and the Use of Geospatial Information

Source: GeoConnections list

With the advance of digital technology, geospatial data is becoming more common through the use of Global Positioning Systems (GPS), Geographic Information Systems (GIS), and remote sensing. But what do these technological advances mean for Canadians and, specifically for preserving privacy? A new study reports on the extent Canadians are aware of current and potential uses of geospatial data; and records the opinion of Canadians about the current geospatial technological environment. Among other questions, researchers asked:

What are our expectations of privacy with respect to the use of geospatial data? and

What trade-offs are we willing to make between maintaining privacy and receiving services?

The study methodology included extensive and representative surveys of Canadian opinions regarding geospatial privacy. The report is available on line here: http://epe.lac-bac.gc.ca/100/200/301/pwgsc-tpsgc/por-ef/natural_resources/2009/091-08/report.pdf (also available in French)

An executive summary can be found here: http://epe.lac-bac.gc.ca/100/200/301/pwgsc-tpsgc/por-ef/natural_resources/2009/091-08/summary.pdf (also available in French)

Since 1999, the federal government has invested in a national partnership initiative to improve the collective ability to share and use geospatial information through the Internet. This initiative, known as GeoConnections, a national partnership program, is led by Natural Resources Canada.

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GIS Tools, Software, Data

[GEO's Chile Event Supersite Website](#)

Source: <http://supersites.unavco.org/chile.php>



SUPERSITES

CHILE

Earthquake, 27 February 2010 06:35 UTC, Latitude 35.846°S, Longitude 72.719°W, 8.0, Depth 35 km (USGS). If you have data or results that you would like to post on this webpage, please e-mail Falk Amelung, the Task Leader of GEO's Supersite initiative (famelung@rsmas.miami.edu) or Susanna Gross (sig@unavco.org). Please include a kmz file as they are convenient to use in the field.

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SWAMI3: A new metadata tool, Colombia

Source: <http://www.icde.org.co/>

There is more technological innovation for Geographic Information Systems users. The Geographic Institute Agustin Codazzi (in Spanish IGAC) in its constant proposal for technological innovation processes presents the new free software version SWAMI 3.0 for its Institutional Metadata Management Web System. This tool will pursue the work of 39 entities associated with the Colombian Spatial Data Infrastructure (in Spanish ICDE), and of geographic information users more general. SWAMI 3.0

provides a georeferenced viewfinder, a geographical extent viewer box (bounding box), geographic coordinate system conversion tools, sample graphics loading, report generation, use of Google Maps for information display, and the ability to create extensions under the Colombian technical standard NTC4611, second update.



INPE provides Hindu IRS P6 satellite images for free download

Source: <http://www.mundogeo.com.br/>

The National Institute for Space Research (in Portuguese INPE) of Brazil is offering as of February 22, 2010 images for free [download](#) of Hindu Satellite P6 IRS sensors AWiFS and LISS3 for natural resources, corresponding to the antenna coverage region which swathes part of South America. [IRS-P6](#) mission is part of a global Earth observation mission which includes three image sensors, primarily the LISS 3, AWiFS and LISS4. The satellite provides images of 23.5 meter spatial resolution in multispectral mode with camera LISS 3; 56 meters with the AWiFS; and 5.8 meters in panchromatic mode with LISS 4 sensor.

MarineMap decision support tool for marine spatial planning

Source: <http://marinemap.org/>



Decision Support for Marine Spatial Planning

MarineMap is a web-based decision support tool for open and participatory spatial planning in the marine environment. MarineMap offers a simple, flexible and powerful means of gathering expertise from resource managers, scientists, stakeholders and public in a process of collaborative decision making. The MarineMap Consortium brings together personnel and skills from University of California at Santa Barbara, Ecotrust, and The Nature Conservancy. Marine Map creates open-source spatial tools that integrate and illuminate the human dimensions of marine science and policy. Check out the MarineMap v2 demo, featuring the Google Earth API. Full featured release on February 19th is found at <http://demo.marinemap.org/>.

ArcGIS Server Geometry Service

Source: Mappamondo GIS Newsletter - N° 27 March 2010 by way of Santiago Borrero

This is one of the most useful and revolutionary ArcGIS Server Online services made available for free by ESRI. The geometry (web) service, introduced with ArcGIS Server 9.3, provides geometric calculations such as buffering, simplifying, calculating areas and lengths, projecting and queries based on spatial relationships among features (intersection, containment, etc.). The geometry service can be exploited easily by applications built with the ArcGIS REST or JavaScript APIs. To use one of the functionality offered by the service it is sufficient to provide the required

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parameters and a callback function to retrieve and display the results on the web map, for example: gsvc.buffer(params, showBuffer); Complete samples are available on the ArcGIS Server Java Script APIs Resource Center.

This line creates the geometry service: gsvc = new esri.tasks.GeometryService
(<http://sampleserver1a.arcgisonline.com/arcgis/rest/services/Geometry/GeometryServer>)

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Training Opportunities

Coastal Web Atlas Interoperability, Google Earth and Google Maps Webinars

Source: Sarah Carr by way of Dawn Wright



For those who cannot make the webinars, recording will be available through the EBM Tools Network website at www.ebmtools.org/tools_training/presentations.html a few days after the presentation. If you have any other questions about the demonstrations, please contact Sarah Carr at sarah_carr@natureserve.org. To sign up for announcements of future EBM tool presentations or demonstrations, sign up for EBM Tools Network updates at www.ebmtools.org/contact.html

Making Maps with Google Earth and Google Maps by Shane Bradt of the University of New Hampshire Cooperative Extension, **April 6**, 2-3:30 pm US EDT/11 am-12:30 pm US PDT. A training manual which walks users through how to use the Google Earth and Google Maps functionality demonstrated in this webinar is available from UNH's Cooperative Extension at <http://extension.unh.edu/GISGPS/GISINFO.cfm?crs=18>. Google Earth can be downloaded at <http://earth.google.com>. Google Maps is available at <http://maps.google.com>. Register for this webinar at <https://www1.gotomeeting.com/register/995111968>. Please note, this webinar will repeat material from a prior webinar. It will be 1.5 hrs in length to allow ample time for questions from participants.

Advanced Mashups – KML and the Mapping API by Cary Chadwick of the University of Connecticut Center for Land Use Education and Research, **April 14**, 2-3:30 pm US EDT/11 am-12:30 pm US PDT. Additional information on these and other techniques for putting maps and geographic information on the web is available from UCONN's Center for Land Use Education and Research (CLEAR) Maps on the Web website: <http://clear.uconn.edu/training/maps>. Register for this webinar at <https://www1.gotomeeting.com/register/997543977>. Please note, this webinar will be 1.5 hrs in length to allow ample time for questions from participants.

From ArcGIS to Web Maps: Techniques for Publishing GIS Maps Online by Emily Wilson of the University of Connecticut Center for Land Use Education and Research, **April 22**, 2-3:30 pm US EDT/11 am-12:30 pm US PDT. Register for this webinar at <https://www1.gotomeeting.com/register/469800593>. Please note that this webinar will be 1.5 hrs in length to allow ample time for questions from participants.

Demonstration of new version of MarineMap Decision Support Tool by Will McClintock from the University of California, at Santa Barbara (UCSB), Charles Steinback (Ecotrust), and Matt Merrifield from The Nature Conservancy (TNC), May 3, 2 pm EDT/11 am PDT. MarineMap is based on entirely free and open source code. Learn more about MarineMap. Register for this webinar at <https://www1.gotomeeting.com/register/501336209>

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GeoValue '10 workshop call for extended abstracts

Source: Ludo Engelen by way of Santiago Borrero



Call for extended abstracts for: Workshop on Value of Geoinformation 2010, September 30 - October 2, 2010, Hamburg, Germany, First announcement, Call for extended abstracts. The GeoValue '10 workshop focuses on the value of geoinformation, the assessment of Spatial Data Infrastructures, the socio-economic aspects of geoinformation, and quantitative methods and models for impact assessment. The workshop is addressed to experts in the

fields of geoinformation science, economics, social and environmental sciences, urban planning and spatial data quality. It provides an opportunity to exchange experiences and methodologies across continents. This workshop represents an expansion of the discussions held last year at the GeoValue '09, organized in Hannover, Germany. The Organizing Committee of GeoValue '10 invites you to submit an extended abstract and take part in this important event. The best extended abstracts and their authors will be invited to extend their abstract and contribute an article for the special issue of *The International Journal of Spatial Data Infrastructures Research* (<http://ijsdir.jrc.ec.europa.eu/>). Extended abstracts submission deadline **June 15th** 2010. The extended abstracts should be submitted to the following E-Mail address: geovaluel@hcu-hamburg.de. AGILE supports GeoValue '10 for two PhD student grants in the amount of €400 - for each student. Young researchers are encouraged to send their applications for grants to the email address geovaluel@hcu-hamburg.de

Dive GIS summer course 2010

Source: Mappamondo GIS Newsletter - N° 27 March 2010 by way of Santiago Borrero



The 5th edition of the dive GIS summer course will be held from the 28th of July to the 7th of August in Crotona at the Capo Rizzuto Marine Protected Area (MPA), Italy. Dive GIS course is for you if you wish to, among others, learn state of the art GIS and Remote Sensing methodologies used for marine applications, learn to use the ArcGIS software, and collect scientific data in the field and underwater. Students also learn to identify marine flora and fauna, to collect scientific data about their distribution and to use handheld GIS and GPS units. Biodiversity and species distribution data are entered in the GIS to study their correlation with the habitat and other biotic and abiotic environmental parameters. The course, organized by Mappamondo GIS in collaboration with the MPA, represents a unique training initiative that offers the chance to learn Geographic Information Systems and Remote Sensing methodologies while becoming a certified SCUBA diver. For further information about the course and online registration for the 2010 edition visit the following website: www.mappamondogis.it/divegis.htm or write an e-mail to info@mappamondogis.com

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Funding Opportunities, Awards, Support

Launch of e-Government MuNet OAS Program

Source: Victor Rico-Frontaura by way of Santiago Borrero

The Department of Political Affairs (SPA) of the Organization of American States (OAS) is pleased to convey the invitation sent to the OAS Member States to submit nominations for implementing the MuNet e-Government Program in their respective countries. This initiative is supported by the Canadian International Development Agency (CIDA) and promotes modernization of municipal administration through e-government strategies at local level. Success of first phase of the program, implemented on a pilot basis to 22 municipalities in 11 countries in Latin America, allowed

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having a comprehensive and ongoing support comprising: diagnosis, awareness, consultancy, training and technology to involve municipalities into the Knowledge Society. Digital document [here](#) contains more information about the program. The basis of this call which runs from March 16 to **April 7**, 2010 as well as the application form and more information, are available at the e-Government MuNet Program website www.munet.org. The widest dissemination of this information is sincerely appreciated.

[Mercy Corps GIS Internship, Bogota, Colombia](#)

Source: Kate Lance

Duration: 10-12 weeks; Deadline: as soon as possible. Mercy Corps - <http://www.mercycorps.org/> - seeks a GIS intern for work with internally-displaced and other vulnerable populations in the sustainable management of their natural resources. Mercy Corps has three projects under its Sustainable Resource Management program that are implemented in the Darién and Tierra Adentro Regions, and in Bogota. The projects are related to mitigating and adapting to climate change in urban, peri-urban and rural communities:



1. An urban forestry project in the urban and peri-urban sections of Bogota that improves the environmental quality of marginalized communities, funded through carbon finance mechanisms.
2. A land conflict resolution project targeted towards mediating territorial and natural resource conflicts between Indigenous, Afro-Colombian and Mestizo groups.
3. A renewable/alternative energy project for Indigenous groups in the Tierra Adentro region integrated with watershed conservation and improved agricultural practices.

A strong and fluent use of Spanish will be required, as well as the creation and/or translation of training manuals for GIS program use. While Mercy Corps is unable to provide a stipend for the internship, however, travel to the project areas in Colombia and related project expenses will be covered by Mercy Corps.

[Call for Doctoral, Post-Doctoral and Senior Researchers at the IPTS - JRC Seville / Spain](#)

Source: <http://ipts.jrc.ec.europa.eu/>



Spatial analysis, environment and society (GH 20). The Economics of Climate Change, Energy and Transport Unit has a vacancy for a doctoral researcher to work on spatial analysis, environment and society. The successful candidate will form part of a multidisciplinary team in the Energy and Transport Economic Assessment Action (ETEA). The successful candidate will carry out research on the spatial dimension of transport and its environmental and societal impacts, using and developing advanced GIS (Geographic Information Systems) applications. The work involves the definition of research questions and the development of research methodologies, the collection of transport data and statistics, as well as the development and application of transport and GIS models. Applications must be sent to the following e-mail address according to the deadline indicated: jrc-ipts-recruitment@ec.europa.eu / Deadline for information enquiries: **08/04/2010** / Deadline for submission: **11/04/2010** / More information at: <http://ipts.jrc.ec.europa.eu/jobs/vacancies.cfm>

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Employment Opportunities

[10 postdoctoral positions at the University in Kiel, Germany](#)

Source: Arturo Brun-Martinez

The Alexander von Humboldt Foundation and the Cluster of Excellence "The Future Ocean" at the Christian-Albrechts University in Kiel, Germany, offer 10 postdoctoral positions in marine, environmental, earth and related sciences, but also including



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economy, medicine, biology, chemistry, mathematics, geology, geography, law and informatics to work together to understand the ocean, recognize related economic and social impact factors and devise solutions to sustain our future. A Future Ocean - Alexander von Humboldt Research Fellowship for postdoctoral researchers allows the beneficiary to carry out a long-term research project (6-24 months) he or she has selected in cooperation with an academic host in Kiel, Germany. The program addresses two groups of researchers: young postdoctoral researchers who completed their PhD up to four years ago, and experienced postdoctoral researchers, who completed their PhD up to twelve years ago. We advise to take a look at the details and requirements at <http://www.futureocean.org/das-netzwerk/humboldt/>. The Future Ocean aims to welcome the first fellows in fall 2010, requiring applicants to submit their research plan to the Alexander von Humboldt Foundation by spring 2010. Later applications are also possible, for later beginnings. For questions and further information please contact Dr. Emanuel Söding (esoeding@uv.uni-kiel.de) at the Future Ocean office in Kiel, Germany.

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Other

[83% of Spanish Universities research on free software](#)

Source: Arturo Brun-Martinez



83% of Spanish Universities have a research group looking for free software and technology transfer to the industry, according to a report on open source software in universities and Spanish research centers. The report was presented on March at the Third Morpheus Assembly in the Auditorium of Telefonica I+D and shows that this type of software is an essential component of research in Spain. The study that was prepared by the Reference Center for the Application of ICT-based open source (in Spanish CENATIC), said that in Spanish universities, 60% of servers and 42% of databases, 67% of their institutional email, 86% of its content management tools, 67% of its antispam systems, 40% of their virtual campuses and 44% of its eGovernment solutions are based on free software. Furthermore, in 57% of Spanish Universities are established user associations to support open technologies. The report notes that main benefits of this type of software are flexibility, savings in licensing, vendor independence, the possibility of reuse, the existence of a community around projects and the tremendous potential for innovation and development.

[UN Conference on Sustainable Development-Rio+20](#)

Source: Source: ICSU Insight, Newsletter, March 2010, vol. 8, n°1



In December 2009, the United Nations General Assembly decided to organize a UN Conference on Sustainable Development to be held in Rio de Janeiro, Brazil, in 2012—20 years after the city hosted the first such conference. The UN has invited the International Council for Science (ICSU) and WFEO to co-organize the input from the Scientific and Technological Community in the intergovernmental preparatory committee, which will meet for the first time in May 2010.

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[Regional Office for Latin America and the Caribbean](#)

Source: ICSU Insight, Newsletter, March 2010, vol 8, n°1

The mid-term review of the Regional Office Latin America and the Caribbean (ROLAC) is underway, with an online consultation of international Council for Science (ICSU) Members receiving more than 60 responses. The responses were discussed at the first meeting of the Review Panel, on March 19–20. The 8th meeting of the Regional Committee for Latin America and the Caribbean will take place in Rio de Janeiro, on May14–15. The Regional Committee will engage with the Review Panel who will be making a site visit on May 17–18. The Regional Office welcomed Eliane Sobral as the new Administrative Officer in December 2009. More news are available on the ROLAC website.

How to stop buildings becoming killers in disasters

Source: Arturo Brun-Martinez



Architects and disaster specialists note that poor construction in Haiti was a major reason why so many people - probably more than 300,000 according to the president- died when a 7.0 magnitude earthquake struck the impoverished nation in January. And in quake-prone Chile where an earthquake and a subsequent tsunami killed around 500 people in February, the government is investigating to what extent rules on fortifying buildings against seismic shocks were followed. A step in that direction is a [Handbook for Reconstruction after Natural Disasters](#) released by the World Bank.

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Americas: Conferences, SDI Events

[Year 2010](#) [January](#) [February](#) [March](#) [April](#) [May](#) [June](#) [July](#) [August](#) [September](#) [October](#) [November](#) [December](#)

APRIL 2010		
Mar. 30 – Apr. 1	San Jose CA, USA	Where 2.0 Conference 2010
1	SJ Campos SP, Brazil	First Workshop on Engineering and Spatial Technology
5	New Britain CT, USA	3rd Annual Global Environmental Sustainability Symposium
NEW		
5-9	Orlando FL, USA	SPIE Defense, Security, & Sensing 2010
6-8	Panama City, Panama	Workshop for Indigenous and Local Communities in Latin America and the Caribbean on Information Technologies, Tourism and Biodiversity in Forest Ecosystems – Workshop III: Forest Ecosystems
NEW		
6-9	Orlando, FL USA	The International Multi-Conference on Complexity, Informatics and Cybernetics: IMCIC 2010
6-9	Orlando, Florida USA	International Conference on Education, Training and Informatics: ICETI 2010
6-9	Orlando, Florida USA	International Conference on Society and Information Technologies: ICSIT 2010
6-9	Orlando FL, USA	4th International Conference on Knowledge Generation, Communication and Management: KGCM 2010
6-9	Orlando FL, USA	8th International Conference on Computing, Communications and Control Technologies: CCCT 2010
7-10	Kansas City MI, USA	ADEC 32nd Annual Conference
8	Brasília DF, Brazil	Launch of the National Spatial Data Infrastructure of Brazil (INDE)
NEW		

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9 *NEW*	Boston MA, USA	International workshop: After the cameras have gone - rebuilding sustainable communities in Haiti after the January 12 earthquake
12-14 *NEW*	Rio de Janeiro RJ, Brazil	9th Meeting of the Cadastral Cartography Standardization Committee (CNMC)
12-14	Charleston WV, USA	GIS-T 2010 Symposium
12-15 *NEW*	Colorado Springs CO, USA	National Space Symposium
13-14 *NEW*	Santiago, Chile	TIEMS First workshop in Latin America and the Caribbean (The International Emergency Management Society)
13-15	Toronto, Ontario, Canada	GeoTec 2010
14-15	Champaign IL, USA	Illinois GIS Association Spring Conference
14-15	Portland OR, USA	Oregon-Washington URISA-GIS in Action
14-16	Santa Marta, Colombia	2nd Hemispheric Meeting on Mechanisms and National Networks for Risk Reduction
14-18	Washington DC, USA	Association of American Geographers 2010 Annual Meeting
15-16	Victoria BC, Canada	ESRI Regional User Conference
15-17	Curitiba, Paraná, Brazil	5th Brazilian Symposium on Soils Education
18-21	Huntington Beach CA, USA	16th Annual CalGIS Conference
18-22	Kansas City MO, USA	MAGIC 2010 Symposium
19-23	San Diego CA, USA	BAE Systems GXP International User Conference and Professional Exchange
19-22	Houston TX, USA	Project Economics and Decision Making Analysis in Oil and Gas
20-21	Quebec, Canada	ESRI Regional User Conference
20-22 *NEW*	Montevideo, Uruguay	3rd World Summit of Regions Against Climate Change
22	Toronto ON, Canada	Expedition 2010: Navigate Location Intelligence
22-24	Fortaleza, Brazil	First Brazilian Congress on Environmental Education applied to Territorial Management
22-26	Río de Janeiro, Brazil	World Urban Forum 5
25-29	Phoenix AZ, USA	GITA's 2010 Geospatial Infrastructure Solutions Conference
25-29	Phoenix AZ, USA	Not Your Father's GIS Conference
25-30	Huntsville AL, USA	SpaceOps 2010
26-28	Charlotte NC, USA	2010 Southeast Regional User Group (SERUG) Conference
26-28	Scottsdale AZ, USA	Field Service 2010
26-30	Austin TX, USA	2010 NatureServe Conferences: Biodiversity without Boundaries
26-30	San Diego CA, USA	ASPRS Annual Conference / asprs@asprs.org
27-28	Sudbury ON, Canada	ESRI Regional User Conference
28-30 *NEW*	Aracaju SE, Brazil	First "Sergipano" Symposium on Contemporary Geography
29	Phoenix AZ, USA	Oracle Spatial User Group Meeting

MAY 2010

3-6 *NEW*	Indian Wells/Palm Springs CA, USA	PLANS 2010: IEEE/ION Position Location and Navigation Symposium
4-5	Santa Maria RS, Brazil	Geomatics Symposium
4-6 *NEW*	Los Angeles CA, USA	GPS Partnership Council Meeting 2010
10-12	Calgary, Alberta, Canada	GeoAlberta 2010 Conference

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10-13	Banff, Alberta, Canada	Disaster Forum 2010: Plan to Succeed
10-15	Santa Cruz de la Sierra, Bolivia	IX International Congress of Wildlife Management (IXCIMFAUNA)
11	Whitehorse YT, Canada	ESRI Regional User Conference
12-13	Kamloops BC, Canada	ESRI Regional User Conference
12-14	Miami FL, USA	Pitney Bowes Business Insight
13-14	Tampa FL, USA	MAPublisher Training
16-18	Montego Bay, Jamaica	2010 International Conference on Information Resources Management
16-20	Aracaju SE, Brazil	24th Cartographic Brazilian Congress
17-20	Puebla, Mexico	11th International Digital Government Research Conference (DGO2010)
17-24 *NEW*	Valparaiso-Viña del Mar and Valdivia, Chile	AGU Chapman Conference "Giant Earthquakes and Their Tsunamis" E-mail: atwater@usgs.gov
18-19	Calgary AB, Canada	ESRI Regional User Conference
19	Bethesda MD, USA	NGA Tech Day
20	Reston VA, USA	USGIF Industry Tech Day
20-22 *NEW*	Punto Fijo, Venezuela	4th International Seminar "Linking Communities to Disaster Reduction Programs"
22	Montreal, Canada	International Day for Biological Diversity
24-27	Toronto, Canada	American Canadian Conference for Academic Disciplines
24-28	Ciudad de Piura, Peru	Peru Second National Congress on Sea Sciences
25-26 *NEW*	Washington DC, USA	National Geographic Bee
25-28 *NEW*	São Paulo SP, Brazil	GEO Summit Latin America 2010
26-28 *NEW*	Bogota, Colombia	Conference of Latin Americanist Geographers (CLAG) 2010

JUNE 2010

1	Las Vegas NV, USA	Consumer Telematics Show
1-4 *NEW*	Washington DC, USA	Global earthquake model (GEM) outreach meeting 2010
1-4	Ithaca NY, USA	36th Annual Conference of the International Association for Social Science Information Service and Technology (IASSIST)
1-5 *NEW*	Regina SK, Canada	Canadian Association of Geographers National Meeting
2-3	Chicago IL, USA	People Tracking and Location USA 2010
3-4	Winnipeg MB, Canada	ESRI Regional User Conference
7-9	Rosemont, IL, USA	Sensors Expo & Conference
8-9 *NEW*	Novi MI, USA	Telematics Detroit 2010
8-11	Washington DC, USA	COM.Geo 2010: 1st International Conference and Exhibition on Computing for Geospatial
14-17	Nashville TN, USA	Intergraph 2010
14-18	Silver Spring MA, USA	OGC Technical and Planning Committee Meeting
15-18	Calgary, Alberta, Canada	Canadian Geomatics Conference (CGC) "Convergence in Geomatics - Shaping Canada's Competitive Landscape"
16-18	Calgary, Canada	Commission I Symposium "Image Data Acquisition - Sensors & Platforms" Contact: elsheimy@ucalgary.ca
20-24	Chicago, Illinois, USA	129th Annual Conference and Exposition of the American Water Works Association: Show Me the Water

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21-23	Boston MA, USA	ENZEE Universe
21-23	Quebec, Canada	Canadian Hydrographic Conference
21-25	Santo Domingo, Dominican Republic	International Meeting "Virtual Educa" – 2010
21-25	San Francisco CA, USA	2010 SEMANTIC
22-25	Calgary, Alberta, Canada	103rd Air and Waste Management Association Conference and Exhibition: Energy and the Environment
28-30 *NEW*	Quebec City, Canada	IC WG II/IV 7th International Symposium on Voronoi Diagrams in Science & Engineering (ISVD2010) E-mail: Mir-Abolfazl.Mostafavi@scg.ulaval.ca
Jun.28-Jul.2	Santa Fe, Argentina	Fifth Congress on Cartographic Science, Argentina E-mail: congresocienciacartograficasfe@gmail.com
Jun.29-Jul.2	Orlando FL, USA	2nd International Symposium on Optical Engineering and Photonic Technology: OEPT 2010
Jun.29-Jul.2	Orlando FL, USA	4th World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI 2010

JULY 2010

3-7	Edmonton Alberta, Canada	24th International Congress for Conservation Biology
8-11	Monterrey CA, USA	2010 Society for Conservation GIS (SCGIS)
8-12	San Diego CA, USA	ESRI International User Conference
10-13	San Diego CA, USA	2010 ESRI Education User Conference
10-13	San Diego CA, USA	2010 ESRI Survey & Engineering GIS Summit
10-13	San Diego CA, USA	2010 ESRI Homeland Security GIS Summit
11-12	San Diego CA, USA	2010 ESRI Business GIS Summit
11-15	San Diego CA, USA	ESRI International User Conference
12-16 *NEW*	Caracas, Venezuela	2nd Latin America and the Caribbean qvSIG Working Days: "Uniting People Around the World"
12-16	San Diego CA, USA	2010 ESRI International User Conference
12-16	Houston TX, USA	The Fifth International Conference on Environmental Science and Technology 2010
15-16	San Diego CA, USA	MAPublisher Training
18-21	Denver CO, USA	10th International Conference on Precision Agriculture
23-27	San Diego CA, USA	ESRI User Conference
25-30	Honolulu, HI, USA	IGARSS'10: IEEE International Geoscience & Remote Sensing Symposium
26-30	Vancouver, B.C. Canada	GeoWeb 2010 Contact: info@geowebconference.org
26-30	Los Angeles CA, USA	SIGGRAPH 2010
27-30	Recife PE, Brazil	3rd Brazilian Symposium on Geodesic Sciences and Geoinformation Technologies - III SIMGEO
28-30 *NEW*	Baltimore MD, USA	Intelligent Spatial Decision Analysis ISDA '10 in conjunction with International Symposium on Intelligent Decision Technologies (IDT'10) http://idt-10.kesinternational.org/ Email: beniamino.murgante@unibas.it
28-30 *NEW*	Vancouver, Canada	GeoWeb 2010 - 3D City Modeling Academic Track E-mail: h.ledoux@tudelft.nl
28-30 *NEW*	Vancouver, Canada	IC WG IV/II GeoWeb 2010 - Sensor Web Academic Track E-mail: steve.liang@ucalgary.ca

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AUGUST 2010

2-6	Orange County CA, USA	Accela User Conference 2010
3-6	Buenos Aires, Argentina	Scientific Committee on Antarctic Research (SCAR) Open Science Conference (OSC)
3-7 *NEW*	Toledo OH, USA	Local Food Systems in Old Industrial Regions: Challenges and Opportunities (IGU Commission on the Dynamics of Economic Spaces)
8-13	Foz do Iguassu, Brazil	American Geophysical Union (AGU) Joint Assembly
13-19 *NEW*	Foz do Iguassu, Brazil	Managing Waveform Data and Related Metadata for Seismic Networks
15-18	Boston MA, USA	2010 APWA International Public Works Congress & Exposition
16-18	Charlotte NC, USA	2010 URISA/NENA Addressing Conference
16-20 *NEW*	Fortaleza, Brazil	2nd International Conference on Climate, Sustainability and Development in Semi-arid Regions (ICID 2010)
23-25	Indianapolis IN, USA	FEMA - 4th Annual HAZUS Conference
Aug.29-Sep.1 *NEW*	São Carlos SP, Brazil	Ibero-American Symposium on City and Culture: New Urban Spatialities and Territorialities (SILACC 2010)

SEPTEMBER 2010

9-10	Philadelphia PA, USA	MAPublisher Training
12-16	Minneapolis MN, USA	National States Geographic Information Council (NSGIC) Annual Conference
12-16	Vancouver BC, Canada	15th International Union of Air Pollution Prevention and Environmental Protection Association's World Clean Air Congress: Achieving Environmental Sustainability in a Resource Hungry World
16-17	Edmonton AB, Canada	ESRI Regional User Conference
16-18	San José, Costa Rica	11th International Congress on Geomatics: Geodesy and Topography in Real Time
19-24	Montreal, Canada	IWA World Water Congress and Exhibition
22	Washington DC, USA	LI Geocloud 2010
22-24	Merida, Venezuela	1st National Congress on Geographic Information Systems SIG (ConaSIG)" E-mail: aseciam@gmail.com
27-30	Jackson Hole WY, USA	Remote Sensing & Hydrology Symposium 2010
28-29	Plymouth MI, USA	PLM Road Map 2010
Sep.28-Oct.1	Orlando FL, USA	GIS-Pro 2010: URISA/48th Annual URISA Conference & Exposition
Sep.29-Oct.3 *NEW*	Savannah GA, USA	National Conference on Geography Education
Sep.30-Oct.1	Regina SK, Canada	ESRI Regional User Conference
Sep.30-Oct.2 *NEW*	Tempe AZ, USA	International Associations for the Study of the Commons USA Regional Meeting

OCTOBER 2010

3	Santiago, Chile	GEOSS Workshop XXXIX – Forest and Bio-energy
4-8	Santiago, Chile	Latin American Remote Sensing Week
6-7	Toronto ON, Canada	ESRI Regional User Conference
6-8 *NEW*	Binghamton NY, USA	Race, Ethnicity and Place Conference
8-12 *NEW*	Guanajuato, Mexico	14th SELPER International Symposium

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17-20	Dearborn MI, EUA	2010 ESRI Electric & Gas User Group Conference
18-20	Denver CO, USA	2010 ESRI Health GIS Conference
18-22	Singapore, Singapore	GSDI 12 World Conference 2010: Realizing Spatially Enabled Societies
18-22	Orlando FL, USA	E-Learn 2010
19-20	Ottawa, Canada	ESRI Regional User Conference
19-21	Curitiba Paraná, Brazil	IX Updated Seminar on Remote Sensing and Geographic Information Systems Applied to Forestry Engineer
20-21	Naperville IL, USA	ILGISA Fall Conference
20-22 *NEW*	La Cumbre, Cordoba Argentina	First International Conference on Advances in New Technologies, Interactive Interfaces and Communicability (ADNTIIC 2010)
20-22	Santiago, Chile	IAOS/Scorus Conference on Official Statistics and the Environment: Approaches, Issues, Challenges and Linkages
25-28	Nashville TN, USA	GEOINT Symposium 2010
26-27	Fredericton NB, Canada	ESRI Regional User Conference

NOVEMBER 2010

2-3	Vancouver BC, Canada	ESRI Regional User Conference
4	Oakville, Ontario, USA	GITA Ontario Chapter Fall Forum 2010
4-5	Denver CO, USA	MAPublisher Training
8-12	Guanajuato, Mexico	XIV International SELPER Symposium "Observation & Monitoring of the Earth Related to Climate Change" (An ISPRS Regional Conference) E-mail: silvia.casas757@gmail.com
15-19	Orlando FL, USA	AutoCarto 2010
16-18	Orlando FL, USA	Commission IV Symposium "Geodatabases & Digital Mapping" / Marguerite Madden (President Commission IV) / mmadden@uga.edu
16-19 *NEW*	Havana, Cuba	IV Conference of the Latin American Population Association "Cultural conditions and transformations, economic factors, and demographic trends in Latin America"
17-18	St. John's NL, Canada	ESRI Regional User Conference
22-26	San Miguel de Tucumán, Argentina	First Latin-American Congress (IV Argentinean) on Biodiversity and Conservation 2010, Coming soon at: www.biodiversidad2010.com.ar/ / info@biodiversidad.com.ar
9-12 *NEW*	Lima, Peru	Joint Meeting of PAIGH General Assembly, the Geocentric Reference System for the Americas (SIRGAS), and IAG-SIRGAS School of "Reference Systems"
Nov.30-Dec.3	Port of Spain, Trinidad	URISA's 5th Caribbean GIS Conference

DECEMBER 2010

Nov.30-Dec.3	Port of Spain, Trinidad	URISA's 5th Caribbean GIS Conference
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