

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

SDI-LAC

October

2013

Vol. 10, No.10

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.

[Message from the Editor](#)

[Input to this Issue](#)

[Global and Regional SDI, News, Presentations](#)

[IGS News, Links, Publications](#)

[National SDI, News, Links, Presentations](#)

[Articles and Publications of the Month](#)

[Geospatial Research, Applications, Software, Data](#)

[Training and Funding Opportunities, Awards](#)

[Employment Opportunities](#)

[Other](#)

[Americas: Conferences, SDI Events](#) (Year [2013](#) and [2014](#))



Message from the Editor

This SDI-LAC number highlights the following updates: The **Global and Regional SDI** section comprises notes on the Published Programme for the Global Geospatial Conference 2013; Call for Expressions of Interest in Hosting GSDI 15 and GSDI 16 Conferences; the GSDI Global Citizen Award 2013; the 20th General Assembly and Consultation Meetings of the Commissions of PAIGH; United Nations Geospatial Information Management for the Americas; Geosur's new datasets; OGC ILAF Corner; and relevant Conferences taking place worldwide. The **IGS section** includes comments on IGS Membership Renewal. The **National SDI** segment informs on the 8th IDERA Conference, Argentina; the National Catalog of Geographic Objects, Ecuador; the New Dynamic Platform for Spatial and Environmental Data, Haiti; and launching of IDEuy Website, Uruguay. **Articles and Publications** of the month include papers on Data Sharing: Organizational Motivators and Barriers; Automatic Integration of Spatial Data in Viewing Services; and the New NRC report on Land Use Change. **Geospatial Research and Applications** underline the ROUGE Tool Testing, Honduras; the Government Geographic Data Portal of Puerto Rico; Satellite Images to Show Fires in Argentina; and the New World Map for Overcoming Climate Change. The **Training and Funding Opportunities** section encompasses calls for the British Chevening Scholarship in the Caribbean; a Seminar to turn statistics into knowledge; a Webinar on the New Global Seafloor Geomorphology Map; and a Webinar on "Advanced

Geoprocessing in gvSIG. Finally, several **Events taking place in the Americas** are listed in the last section.

Translation of SDI-LAC Portuguese is possible thanks to undergrad students **Esrom A. Rissate Jr.** and **Caroline Martins**, the geographer **Alexandre Scussel**, editorial assistant (MundoGEO) and cartographer engineers: **Alison Galdino**, Analist (Navteq – Recife); **Antonio J. Fazan**, Analist (AMS Kepler Engenharia de Sistemas); **Annette Pic**, MSc in Remote Sensing; **Camila B. Guedes**, Operations Department Advisor (DECEA); **Edilce F. Burity**, Technologist (IBGE/PE); **Edmilson M. Volpi**, Natural Resources Secretary in SP; **Eduardo Freitas**, editor (MundoGEO portal and magazine); **Flávio Porfírio**, Geoinformation Unit (ITEP); **Juan Carlos G. Mamani**, consultant in Geoinformation Technology; **Rodrigo Quirino** Technologist (IBGE/RJ); **Silvana Camboim** Professor (UFPR); **Silvane Paixão**, GIS Project Coordinator; **Tatiana Mendes**, Professor ICT (Unesp); Verônica Azevedo, Analist (Navteq-Recife); **Vivan Fernandes**, Professor (UFBA). Under the general coordination of **Silvane Paixão** and review of **Eduardo Freitas**.

Back issues of the newsletter are at the GSDI website: <http://www.gsdi.org/newsletters.asp>
Editor, **Nancy Aguirre**, Pan-American Institute of Geography and History (PAIGH), <http://www.ipgh.org>, cnaguirre@ipgh.org

[\(Back to top\)](#)

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

Input to this Issue

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

Sergio Acosta y Lara	Geographic Information Systems Section, National Bureau of Surveying, Ministry of Transport and Public Works, Uruguay
Cecille Blake	Statistics Division, GGIM Secretariat, Department of Economic and Social Affairs, United Nations
Santiago Borrero	Secretary General, Pan-American Institute of Geography and History, PAIGH, Mexico
Arturo Brun-Martinez	Architect, Colombia
Joan Capdevila-Subirana	Regional Service of the National Geographic Institute in Catalunya, Spain
Sarah Carr	Network Coordinator, Ecosystem-Based Management Tools Network, NatureServe, USA
Anusuriya Devaraju	IBG-3, Forschungszentrum Jülich, Alemania
Stephen P. Hanna	Department of Geography, University of Mary Washington, Fredericksburg, USA
Kate Lance	GSDI listserv moderator, USA
Carole Martinez	Programme Coordinator- EU Outermost Regions and Overseas Countries and Territories, European Union Representative Office IUCN, Belgium
Joshua Newell	Assistant Professor, School of Natural Resources and Environment, University of Michigan, Ann Arbor, USA
Joaquin Segura Martin	Master on Geographic Information Quality Evaluation and Management, University of Jaen, Spain
Imma Serra	National Geographic Information Center, National Geographic Institute, Spain
Claudia Stormoen	FIG Office and Event Coordinator, Copenhagen, Denmark
Eric van Praag	Regional Coordinator, GeoSUR Programme- CAF, Venezuela

[\(Back to top\)](#)

Global and Regional SDI, News, Presentations

AfricaGIS 2013

GSDI 14



UNECA Conference Center, Addis Ababa, Ethiopia
November 4-8, 2013

Global Geospatial Conference 2013 Programme Published

Source: GSDI News

The detailed programme for the Global Geospatial Conference 2013 has been published on the conference website. This is the combined GSDI 14 World Conference and AfricaGIS 2013 Conference being held in Addis Ababa, Ethiopia, from 4-8 November 2013, at the United Nations Conference Centre (UNCC) of hosts UN Economic Commission for Africa (UNECA). (See http://www.gsdil.org/gsdiconf/gsdil4/prog_details.html).

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

Seven Plenary Sessions

The conference includes an extensive programme of plenary and panel sessions, with renowned speakers offering their views and experience on a wide range of topics and issues focusing on the main conference theme of “Spatial Enablement in Support of Economic Development and Poverty Reduction”.

Plenary 1: Conference Opening

- Welcome from the conference joint organisers, hosts and associated international geospatial organizations supporting the conference
- Keynote: Carlos Lopes, Executive Secretary, UN Economic Commission for Africa

Plenary 2: Global Perspectives on Spatial Enablement in Support of Economic Development and Poverty Reduction

- Prof Jacqueline McGlade, recipient of the GSDI Global Citizen Award 2013
- Jack Dangermond, President, Esri

Plenary 3: Corporate Perspectives

- Stan Tillman, Software Scientist, Intergraph
- Mark Cygan, Industry Solutions Manager for Map, Chart & Data Production and SDI, Esri
- Ed Parsons, Geospatial Technologist, Google

Plenary 4: Multi-Nation and Regional Experiences and Perspectives

- Stanley Wood, Gates Foundation
- Peter Gilruth, Director, Division of Early Warning and Assessment (DEWA), UNEP
- Barbara Ryan, Secretariat Director, Group on Earth Observation (GEO)

Plenary 5: African Continent Perspectives

- Wilbur Khasilwa Ottichilo, MP, Emuhaya Constituency, Kenya
- Andrea Smith, Senior Regional Sales Manager, DigitalGlobe
- Lee Schwartz, Director, Office of the Geographer and Global Issues, US Department of State

Plenary 6: Panel on Aid Programs Supporting Mapping and Geospatial Initiatives

- African Union Commission/Monitoring of Environment and Security (MESA) – tba
- UN Development Program (UNEP) – tba
- Carrie Stokes, USAID Geographer, USAID GeoCenter
- Helge Onsrud, Director, Norwegian Mapping Authority, Centre for Property Rights and Development
- Roger Sayre, US Geological Survey, Senior Scientist for Ecosystems for Land Change Science Program

Plenary 7: Conference Reflections So Far and Moving Forward

- Denise McKenzie, Open Geospatial Consortium (OGC)
- Prof David Coleman, President, GSDI Association
- Sives Govender, Executive Director, EIS-Africa & President, International Geospatial Society (IGS)

Technical Sessions

The plenaries are accompanied by an extensive technical programme of over 170 presentations in multiple parallel sessions each day of the conference. The session topics include:

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

- SDI and Geospatial Enablement
- SDI Development, Data Sharing and Tools
- Assessing SDIs
- Enabling Citizens, Government Decision Making, and Collaboration
- Enabling Africa
- Data: Decision, Policy and Economic Approaches
- Economic Development and Poverty, Institutional and Economic
- Education Innovations, Capacity Building
- Risk and Security, Vulnerability Assessment
- Collaborative Approaches: Implementation & Research
- Geospatial Research Reports & Studies: Crops, Water, Vegetation, Soil & Mineral, Change and Prediction
- Health, Roads, Agriculture, Forest Assessment, Change Assessment, Energy & Environment
- Technical Approaches, Monitoring and Management, Tracking Physical Change
- Resource and Waste Management, Vectors and Vegetation
- Land Information Systems Development, Land Use & Land Cover
- Earth Observation from Space, EO for Forestry & Agriculture (Agricab)

Industry Showcase

An Industry Showcase session is offered on Tuesday, 5 November, at which Exhibitors have the opportunity to present their organisations, products and services.

Workshops

Numerous workshops are offered, beginning on the Sunday preceding conference opening (3 November) through to Thursday (7 November). Attendance is free, but pre-registration at the conference web site is recommended.

- Esri: Hands on - WebGIS for decision-makers using ArcGIS Online
- Esri: Hands on - Mobile GIS using new Esri Tools
- Intergraph Workshop
- Esri: A Platform for Your Nation: ArcGIS Online
- AfriGEOSS Launch and Reception
- Earth Observation for Agriculture and Forestry Management
- Software for Processing and Interpreting Remote Sensing Image Time Series: SPIRITS Launch
- GMES and Africa Roundtable
- Google Maps and Earth: Basics, Advanced and Interesting Use Cases Workshop

See the full list, with details of dates, times location and content, here:

<http://www.gsdi.org/gsdiconf/gsdi14/workshops.html>.

Meetings

- Meetings of the GSDI Societal Impacts Committee, Technical Committee, Legal & Socioeconomic Committee and the Outreach and Membership Committee are held on the final day of the conference (8 November). Anyone interested in participating in any of the Committees is invited to attend these sessions.
- The International Geospatial Society (IGS) meeting is on Sunday (3 November) at 1130-1300h.
- Member meetings for EIS-Africa and AARSE are on Friday morning (8 November).
- The new AfriGEOSS initiative of GEO will be launched on Tuesday (5 November), at a combined workshop and reception (1730h – 1900h).

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

Further information, contact: Sives Govender, Executive Director, EIS-Africa (SGovender@eis-africa.org), Prof Harlan Onsrud, Secretary-General, GSDI (Harlan.onsrud@maine.edu).

Our Sponsors

The Global Geospatial Conference 2013 owes much to our Sponsors, without whose generous contributions, the conference could not be held.

Titanium Sponsor – Esri

Platinum Sponsors – Intergraph and Google

Gold Sponsor – Group on Earth Observations (GEO)

Bronze Sponsor - DigitalGlobe

If you plan on attending the conference, register today here: <http://www.gsdi.org/gsdiconf/gsdi14/register.html>

Call for Expressions of Interest in Hosting GSDI 15 and GSDI 16 Conferences

Source: GSDI News

The Global Spatial Data Infrastructure Association <http://gsdi.org> supports a major international geospatial conference every twelve to eighteen months. The conference is typically delivered in affiliation with another regularly held national, regional or global geospatial conference and/or with the support of a major sponsoring organization. The gathering is purposefully moved around and across the globe in order to accomplish the Association's purpose of promoting international cooperation and collaboration in support of local, national and international spatial data infrastructure developments that allow nations to better address social, economic, and environmental issues of pressing importance. The locations and proceedings of the past twelve world conferences may be found at <http://www.gsdi.org/gsdiConferences>.

The GSDI 14 World Conference will be held in Africa at the UNECA Conference Center, Addis Ababa, Ethiopia, November 4-8, 2013 <http://www.gsdi.org/gsdiconf/gsdi14/>

Ideally GSDI 15 should be held within the time frame of November 2014 to May 2015 and GSDI 16 would be held approximately 12 to 18 months after that.

The GSDI Association is inviting expressions of interest to host either of these conferences. Affiliation with the GSDI World conference can bring international and global attention to a national or regional geospatial conference or Spatial Data Infrastructure initiatives, attract substantial international participation and sponsorship, and increase numbers of attendees overall.

While the GSDI Association can provide substantial support services, we try to work with a competent local organizing committee that is committed to working with broad geospatial stakeholder communities and which has a proven track record of supporting large geospatial events. Many tasks must be accomplished in preparing for a successful conference. The major conference planning and implementation tasks to be accomplished by the parties are open for negotiation. The specification of these tasks is typically set forth in a written agreement between the GSDI Association and a local legal entity such as a local hosting organization or government agency.

Because revenue from the GSDI World Conferences is an important contributor to the Association's overall budget, organizations proposing to host the next conference(s) should also provide a business case to support their proposal, indicating expected income, expenses and the cost- and revenue-sharing proposal.

Organizations or agencies interested in hosting the 15th or 16th GSDI World Conference should submit a written expression of interest of a maximum of four pages that must include:

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

- the name of the organization(s) or government agency(s) to serve as the local organizer for the conference,
- the name of the national, regional or global conference with which the GSDI World Conference would be affiliated (if any),
- the country, city and venue proposed for the conference (if known),
- the proposed approximate date for the conference,
- a short statement concerning the resources the local organizers would be able to contribute to the conference and past record in providing such resources,
- the facilities available for the event,
- the benefits to GSDI of affiliating with the organisation and/or event,
- other pertinent information bearing on the success of the conference, and
- the name and contact details for further communications.

Please send your expressions of interest to mgallant@godi.org no later than **17 October** 2013.

Proposers will have the opportunity to briefly present their expression of interest orally to the GSDI Council at its meeting on Sunday **3 November** 2013 in Addis Ababa. A physical spokesperson is not required but highly recommended. Council members will vote on the proposals and thereby indicate the preferred options with which the GSDI officers should negotiate to select the organizers and locations for GSDI 15 and GSDI 16.

Professor Jacqueline McGlade to receive GSDI Global Citizen Award

Source: GSDI News

The GSDI Association is delighted to announce that Professor Jacqueline McGlade is the recipient of the GSDI Global Citizen Award for 2013. Prof. McGlade will receive the award at the Global Geospatial Conference 2013 in Addis Ababa, Ethiopia, 4-8 November 2013, the combined GSDI 14 World Conference and AfricaGIS 2013 Conference, being held at the UN Conference Centre of UNECA. (see <http://www.godi.org/godi14/>)

Jacqueline McGlade joins our two previous Global Citizen Award winners, Jack Dangermond, President of Esri, and Gilberto Câmara, former Director of Brazil's National Institute for Space Research.

The GSDI Association's Global Citizen Award recognizes globally an individual who has provided exemplary thought leadership and substantive worldwide contributions in:

- (1) promoting informed and responsible use of geographic information and geospatial technologies for the benefit of society and/or
- (2) fostering spatial data infrastructure developments that support sustainable social, economic, and environmental systems integrated from local to global scales.

The recipient receives a medallion and certificate to be presented at the global conference, and is invited to present a visionary speech.

[20th General Assembly and Consultation Meetings of the Commissions of PAIGH](#)

Source: Santiago Borrero

The Technical Consultative Meeting and 20th General Assembly of PAIGH are just around the corner and will take place in Montevideo, Uruguay with the generous and efficient organization of the National Section chaired by the Director of the Military Geographic Service of Uruguay, Col. Cesar Rodriguez Tomeo and his staff. Montevideo is a city characterized by its tranquility, the warmth of its people and the strength of the 21st century-Uruguayan so this is a great opportunity to participate in planning the Institute for the period 2013 to 2017 and to visit one of the southernmost special places in the region. This time, in addition to taking stock of what has been the technical activities and development experienced by the Pan American community in recent years, the main statutory events and the election of new officers of the Institute will take place, and PAIGH will be screened once again, as the intergovernmental Pan-



Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

American organization at the head of regional topics in cartography, geography, history, and geophysics. More information: [Local Organizing Committee webpage](#), [program, agenda and documents](#), [registration](#), [accommodation](#)

United Nations Geospatial Information Management for the Americas

Source: Cecille Blake by way of Santiago Borrero

During the 10th United Nations Regional Cartographic Conference for the Americas that was held in New York last August, eight resolutions were approved. The first states support for the "IPGH/SIRGAS/CP-IDEA/CAF-IPGH GeoSUR Joint Action Plan 2013-2015 to accelerate the development of Spatial Data Infrastructure of the Americas" and the seventh supports renaming of PC-IDEA to the United Nations Geospatial Information Management for the Americas (UN-GGIM-Americas). See all Resolutions [here](#).

Geosur's new datasets

Source: Eric van Praag



GeoSUR Program is making important efforts to incorporate new regional datasets into its Regional Map Viewer on a continuous basis. With support from Cartogeo and important global spatial data developers, it has been added several new regional datasets to the GeoSUR Regional Map Viewer. You may check these data in www.geosur.info, option REGIONAL MAP VIEWER. The following datasets have been recently added:

- Land use/ Land cover for selected Caribbean islands (data provided by the USGS and the USDA)
- Ecological Systems, Andean-Amazon region of Peru and Bolivia (data provided by Nature Serve)
- New Mesoamerican Seamless Map, 1:250.000 (developed by the Mapping Agencies of Mesoamerica)
- Caribbean Coral Reefs (data provided by the World Resources Institute)

Geosur will continue to add new regional datasets over the coming months. Since the regional datasets available have grown as of late, some of them are not available in the Regional Map Viewer but are only available in WMS Services. You may check them by going to www.geosur.info and conducting a search using "WMS" as keyword.

OGC ILAF Corner

Source: Imma Serra (inmaculada.serra @ cnig.es) and Joan Capdevila (joan.capdevila @ seap.minhap.es)

Did you know ...

The Web Feature Service (WFS) standard defines interfaces for data access and manipulation operations phenomena or geographical entities in vector format. By means of these interfaces a user or Web service can combine, use and manage data from different sources. In order to run queries on data the WFS standard uses Implementation Specification of OpenGIS [Filter Encoding](#).

Unlike the WMS that returns a map image, the WFS does not provide information about the mapping of the elements, the result is a [Geographic Markup Language](#) (GML) format. Different WFS classes are established depending on the operations that the service implements. In the section of [ILAF web](#) standards are available classes and operations that define versions 1.0 and 2.0.

News OGC

27/08: Geo4NIEM Webinar. [link](#)

04/09: OGC Calls for input on Oil Spill Response Common Operating Picture recommended practice. [link](#)

12/09: The OGC invites review of location data standards in energy and utility worlds. [link](#)

23/09: Technical Commite Meeting in Frascati (Italy). [link](#)

23/09: OGC Calls for input on Aircraft Access to SWIM (AATS) Standards Harmonization. [link](#)

More on OGC on the OGC Iberian and Latin American Forum [Webpage!](#)

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

9th International gvSIG Conference: Open enrollment period

Source: gvSIG News Office

It's now open the enrollment period for the 9th International gvSIG Conference (<http://jornadas.gvsig.org>), organized by the gvSIG Association, to be held from 27 to 29 November 2013 in Valencia, Spain. Registration is free (but seats are limited) and needs to be completed through the form on the Conference website (<http://jornadas.gvsig.org/9as/Inscripcion/formulario>). Immediately following registration you will receive an e-mail with a confirmation code. This code may then be used to query and update your registration information.



Second Call for Papers: Workshop on Management of Open Environmental Observation Data (MOEOD 2014)

Source: Anusuriya Devaraju

The MOEOD 2014 Workshop will take place on January 7-9, 2014 in Lisbon, Portugal, in conjunction with the International Conference on Sensor Networks (SENSORNETS 2014 <http://www.sensornets.org/MOEOD.aspx>). Understanding environment conditions and trends requires information; this information is usually generated from observations, experiments and simulations. A better management and usability of open environmental data is crucial, not only to retrieve large amounts of data, but also to cater the issues like data privacy and trust, uncertainties, quality control, interoperability, visualization, and management policies. This workshop will bring together communities dealing with open environmental data infrastructures (e.g. private and public sectors) to discuss relevant requirements, practices and experiences. These aspects will not only be addressed in terms of a technological perspective, but also in terms social and legal perspectives. Paper Submission: **October 14, 2013**. All accepted papers will be published in the workshop proceedings book, under an ISBN reference and on CD-ROM support. All papers presented at the conference venue will be available at the SCITEPRESS Digital Library (<http://www.scitepress.org/DigitalLibrary/>). SCITEPRESS is member of CrossRef (<http://www.crossref.org/>).

Call for Abstracts (GAR15)

Source: Santiago Borrero

The United Nations Office for Disaster Risk Reduction (UNISDR) is issuing a Call for Abstracts as part of the development of the 2015 Global Assessment Report (GAR15). The GAR15 will be published prior to the World Conference on Disaster Risk Reduction in 2015, in which governments will adopt a successor framework to the Hyogo Framework for Action (HFA). The purpose of this Call for Abstracts is to encourage more research investigating the degree to which the HFA has been fit-for-purpose in affecting change in the management of disaster risk, and in so doing, contribute to both the formulation of the successor framework to the HFA (the HFA2), as well as the development of indicators for effectively measuring the impact of the forthcoming framework. UNISDR seeks input papers to the 2015 Global Assessment Report (GAR15) that present research, oriented by indicator, addressing the following issues:

- what changes have been observed since the adoption of the HFA in 2005, and what has been the impact in terms of risk to society;
- to what degree has change been facilitated by the HFA or other emerging drivers of effective disaster risk management;
- determine if the change was adequately captured by the indicator in its current form and if not propose an alternative impact indicator;
- what elements will need to be developed for inclusion in the successor framework to the HFA.

To date, research has principally been limited to an analysis of progress in implementing the HFA, based on a factual appraisal of the feedback provided by government and inter-governmental review, as well as major stakeholder groups, against the 22 core indicators of the Priorities for Action of the HFA. These indicators have thus far encouraged the measurement of inputs as opposed to outputs and impact. The Call therefore seeks to encourage research that: examines and provides evidence of change since 2005 through the lens of the 22 core indicators; and investigates the extent to which such change can be attributable to the components of the HFA, or other emerging issues. Abstracts are to be submitted to gar15_HFA@un.org using the submission template available at <http://www.preventionweb.net/english/professional/networks/private/hfa-thematic-review/>. All input papers will be made available online as an annex to GAR15. In addition, UNISDR will coordinate the submission of all final papers to an academic journal for consideration in a special issue focusing on the state of disaster risk management. Should you require more information contact UNISDR: Rhea Katsanakis (katsanakis@un.org).

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

[Call for participation in the Interoperability Assessment Plugfest \(UKIAP\) 2013](#)

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

The Open Geospatial Consortium (OGC) and the Ordnance Survey, with the support of the Association for Geographic Information (AGI), are leading the first of a series of events called the United Kingdom Interoperability Assessment Plugfest (UKIAP) 2013. The purpose of UKIAP 2013 is to advance the interoperability of geospatial products and services based on OGC standards within the UK geospatial information (GI) community. The results of the Plugfest will allow Ordnance Survey to provide best practice guidance to those who want to consume or implement geospatial web services or products based on OGC standards. UKIAP 2013 is open to commercial and open source vendors and to all GI organisations in the UK. This request is being issued as a Call For Participation (CFP) because the OGC and Ordnance Survey would like to involve as many participants in the initiative as possible.

FIG and PEJUTA invite you to the first FIG Congress in Asia

Source: Claudia Stormoen



It is our great pleasure and honor to invite you and your colleagues to attend the XXV International Congress which will take place at 3.153889000°N 101.713056000°E (Kuala Lumpur, Malaysia) from 16 to 21 June 2014. It is the first time the FIG Congress will be held in Asia, and the silver jubilee Congress will be a culmination of the four-year FIG Work Plan as well as the start of a new 4 year term with a new FIG President who will be elected at the General Assembly. Do not miss this grand celebration. Invitation and full call for paper:

www.fig.net/fig2014/downloads/call_for_papers_fig2014.pdf

Important deadlines for papers: www.fig.net/fig2014/dates.htm

Submit your abstract: www.fig.net/fig2014/submission.htm

Final deadline for submitting abstract and full paper is **1 November** 2013 if you would like to have your paper reviewed by two independent, professional FIG reviewers in a blinded peer review process. Papers should be submitted at fig@fig.net. The deadline for submitting your non-peer review abstract is **1 December** 2013. The overall theme of the Congress is "Engaging the Challenges – Enhancing the Relevance", within the context of the work plan.

[\(Back to top\)](#)

IGS News, Links, Publications



IGS Reminders – Membership Renewal

Source: News from the GSDI Association and the International Geospatial Society, Volume 3, Number 1, 2013

It is time to renew your membership in the International Geospatial Society (IGS). As a member you played a vital role in making the past year a great success.

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

Activities and Benefits

The International Geospatial Society (IGS) is the global society for geospatial specialists who want to affiliate with, help support, learn from and communicate with peer professionals across the world. Without the base financial support and volunteered personal time and effort of members the numerous activities in which IGS engages would not be possible. See a description of member benefits and the range of activities in which members have been engaged at <http://www.igeoss.org/BenefitsOfJoining>.

In terms of new initiatives, the organization was able to implement a program to allow geospatial specialists in developing nations to provide services in lieu of dues. Those services consist of providing or updating each year a personal professional profile in the geographic knowledge network. This effort has provided a much broader geographic distribution of representation in the organization. See the full list of members at <http://www.igeoss.org/members>.

We also expanded publication of GSDI and IGS Global News so it comes to you through email on a regular basis. The organization continues to advocate open access to geospatial conference proceedings, books, learning materials, newsletters and standards across global geospatial organizations to ensure that all are able to benefit from the resources being developed.

Submitting your Dues or Maintaining Free Membership

In order to renew your membership, please go to <http://www.igeoss.org/join> and pay the dues of \$US50 by credit card (\$25 for students). Dues payment is available only through use of a credit card. In the event that you are a citizen of and live within a qualifying economically disadvantaged nation, the online membership application at <http://www.igeoss.org/join> will provide you with the option of applying for free membership in IGS. The primary obligation is to provide the URL link to your professional profile in the GIKNetwork.

Information provided by Marilyn Gallant, GSDI Business Manager (mgallant@gsdi.org).

[\(Back to top\)](#)

National SDI, News, Links, Presentations

ARGENTINA

[VIII IDERA Conference](#)

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



The 8th Spatial Data Infrastructure of the Republic of Argentina Conference (IDERA VIII) will be held in the city of San Carlos de Bariloche, Río Negro Province, Argentina, on **November 7-8**, 2013. This event is intended to bring to the community of IDERA application cases on SDI principles and technology. Priority will be given to experiences found in governmental and scientific fields, with regard to education, productive and service experiences including citizens

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

through participatory approaches or development of geospatial content. Experiences of users of information and services made available through SDI for solving complex problems, based on multivariate analysis, using different sources and/or that require periodical update will also be appreciated. Please register using the IDERA webpage at (www.idera.gob.ar). Detailed information is available [here](#).

Objectives:

- To provide a meeting place for the sharing and discussion of initiatives, projects and ideas for National SDI development in Argentina
- To hold the second meeting of the IDERA Assembly
- To present to the Assembly, the proposed IDERA Strategic Plan: Towards the SDI that Argentina needs
- To address issues relating to the National SDI, various levels of government and other organizations' SDI initiatives, including core technology for its implementation, required standards for integration and interoperability, as well as dissemination forms, and experience and knowledge sharing.
- To incorporate new themes that contributes to the strengthening of an SDI service to the community.
- To present the results of working groups and their future actions.

ECUADOR

[National Catalog of Geographic Objects](#)

Source: <http://www.igm.gob.ec/work/index.php>

By requirement of the National Secretary of Planning and Development (in Spanish SENPLADES) in coordination with the National Council for Geoinformatics (in Spanish CONAGE) and under the National Geospatial Information Policy, in its guidelines 1.11 and 1.12 indicating "that all geospatial information should be structured according to the catalog of existing domestic objects", and that "geospatial information producer and/or custodian institutions must have a structured geographical database based on the current national objects catalog", it is now available the "National Geographic Objects Catalogue version 1.0," which may be found at the National Information System webpage in order to improve geographic information management and data organization, and facilitate its management and exchange. Please log on to: <http://sni.gob.ec/web/guest/documentos;jsessionid=80C4387081910BC2EB6C3DBDB615666C>

HAITI

[Haiti: New Portal Provides Dynamic Platform for Spatial and Environmental Data](#)



Source: Kate Lance

After four years of field research and analytic support provided to the Republic of Haiti and multiple partners there, the Center for International Earth Science Information Network (CIESIN) is pleased to launch the Haiti GeoPortal. The Haiti Geoportal is a platform for spatial and environmental data and resources from ongoing research in Haiti as part of the broader Haiti Research and Policy Program (<http://cgsd.columbia.edu/where-we-work/haiti/>) at the Earth Institute (EI) at Columbia University. Featuring an online interactive map component, the Haiti Geoportal is designed to let communities and partners download maps that provide benchmarks for core integrated development indicators, household socio-economic variables, and environmental

features. The data covers geographic extents that range from national scale to local communities in Haiti. The Web site contains a data library and a searchable bibliography of materials from the EI and non-EI, including scientific reports and literature and data visualization videos produced to help articulate multi-hazard risk in the watershed of Port-à-Piment (http://www.youtube.com/watch?v=AgBc5BVhwSc&feature=player_embedded). The Haiti Geo-Portal has been supported by numerous partner organizations and funders. The data has been collected from other organizations and generated from field studies conducted by EI teams through the support of the W.K. Kellogg Foundation, the Haiti Reconstruction Fund via the United Nations Environment Programme (UNEP), the Catholic Relief Services (CRS), the Green Family Foundation, and the Earth Institute. See: Haiti Geo-Portal, <http://haiti.ciesin.columbia.edu/>

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

URUGUAY

[IDEuy Launches Website](#)

Source: <http://www.agesic.gub.uy/>

On September 12 it was launched the new IDEuy (Spatial Data Infrastructure Uruguay) website where users may access quality geographic information. The site allows downloading information associated with geographic layers and to access tools such as map display, metadata catalogs and geoservices, available in different public organizations and institutions. It also aims at being an important tool for information dissemination, technical specifications, and geographic information recommendations. The Spatial Data Infrastructure of Uruguay was articulated by the Agency for the Development of Electronic Government and Information Society and Knowledge (in Spanish AGESIC), with the sanction of the Executive Order of June 16, 2006, which considers the need for a National Land Plan and coordination of Spatial Data Infrastructure nationwide. IDEuy is a joint agency that seeks to promote the use of geographic information, avoiding redundancy and increasing the exchange of spatial data by offering updated and quality data. Since its inception has IDEuy has sought to coordinating, standardizing and making available the country's geographic information with participation and support of various public organizations. [Login to IDEuy site](#)



[\(Back to top\)](#)

Articles and Publications of the Month

Address Data Sharing: Organizational Motivators and Barriers and their Implications for the South African Spatial Data Infrastructure

By Malete Daniel Sebake, Serena Martha Coetzee. Article of the *International Journal of Spatial Data Infrastructures Research*, 2013, vol. 8, pp. 1-20

Abstract: An address is a common reference for a multitude of information. In South Africa, multiple address datasets are developed and maintained by various public and private organizations with little or no cooperation on data sharing. We identified motivators and barriers for address data sharing in South Africa through case studies of three typical organizations, which prepare, distribute and use address data. The most significant motivators are improved data quality and an expected return on investment for better decision-making and service delivery. However, the quality of data produced by organizations participating in a data sharing initiative needs to be clearly described and evaluated, in order to avoid prejudiced perceptions of poor quality; and expectations about the timing and value of the expected return on investment from an SDI need to be managed to avoid losing support from stakeholders. Even if organizations have the best data sharing intentions and agreements in place, high staff turnover, which is a considerable problem in South Africa, can jeopardize data sharing. Technical barriers, such as common definitions, models and formats, are less significant and can be overcome by implementing appropriate standards. Public-private partnerships are not given enough consideration in South African data sharing initiatives. Our findings have significant implications for the recently established Committee for Spatial Information (CSI), which is tasked with the implementation of the South African Spatial Data Infrastructure (SASDI), but they are also of interest to other countries and for other spatial datasets. [Full text may be found at: <http://ijmdir.jrc.ec.europa.eu/index.php/ijmdir/article/view/280/314>]

Automatic Integration of Spatial Data in Viewing Services

By Ara Toomanian, Lars Harrie, Ali Mansourian, and Petter Pilesj. Article in *Journal of Spatial Information Science* Number 6 (2013), pp. 43–58.

Abstract: Geoportals are increasingly used for searching, viewing, and downloading spatial data. This study concerns methods to improve the visual presentation in viewing services. When spatial data in a viewing service are taken from more than one source there are often syntactic, semantic, topological, and geometrical conflicts that prevent maps being fully consistent. In this study we extend a standard view service with methods to solve these conflicts. The

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

methods are based on: (1) semantic labels of data in basic services, (2) a rule-base in the portal layer, and (3) integration methods in the portal layer. To evaluate the methodology, we use a case study for adding historical borders on top of a base-map. The results show that the borders are overlaid on top of the map without conflicts, and that a consistent map is generated automatically as an output. The methodology can be generalized to add other types of data on top of a base-map. [Full text may be found at: <http://www.josis.org/index.php/josis>]

New NRC report on Land Use Change

Source: Joshua Newell

The report *Advancing Land Change Modeling: Opportunities and Research Requirements* was released recently in pre-publication format via the National Academies Press web site: http://www.nap.edu/catalog.php?record_id=18385. Additional report information can be found here as well: <http://dels.nas.edu/Report/report/18385>. The study committee included several geographers, assessed the current state of land-change modeling, and identified opportunities for future developments in these models. Urban development, agriculture, and energy production are just a few of the ways that human activities are continually changing and reshaping the Earth's surface. Land-change models (LCMs) are important tools for understanding and managing present and future landscape conditions, from an individual parcel of land in a city to the vast expanses of forests around the world. A recent explosion in the number and types of land observations, model approaches, and computational infrastructure has ushered in a new generation of land change models capable of informing decision making at a greater level of detail. This National Research Council report, produced at the request of the U.S. Geological Survey and NASA, evaluates the various land-change modeling approaches and their applications, and how they might be improved to better assist science, policy, and decision makers.

[\(Back to top\)](#)

Geospatial Research, Applications, Software, Data

[Honduras: Testing the ROUGE Tool](#)

Source: Kate Lance

The United States and Honduras joined efforts in Tegucigalpa and Soto Cano Air Base in September, to demonstrate and assess a mapping tool designed to improve the capability of governmental and non-governmental organizations to create and share geospatial information. Known as ROGUE (Rapid Open Geospatial User-driven Enterprise), the tool is a Web-based application that allows information sharing of mapped data by geographically dispersed participants for the purpose of improved situational awareness and decision making. ROGUE's capabilities have direct applications in the coordination of activities during complex operations such as humanitarian assistance and disaster relief events. ROGUE was built on open source, open standard software, which ensures utmost compatibility with other systems and facilitates data sharing among a wide array of potential users. U.S. Southern Command's Science, Technology and Experimentation Division is working with the U.S. Army Engineer Research and Development Center (ERDC) and the Pacific Disaster Center in the development of this technology, while Honduras's Permanent Contingency Commission (COPECO) will facilitate the evaluation of the tool's utility.

[Puerto Rico: Government Geographic Data Portal](#)

Source: Kate Lance



Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

In this site you will find various resources related to the geography and geographical data of Puerto Rico. The integration of government databases is a priority of this administration. GIS data banks are no exception. This integration/centralization will serve to lower operating costs, and provide updated information to agencies and citizens. This portal (<http://www.gis.pr.gov/>) has been built as part of efforts to centralize digital geographic data produced by central government agencies and public corporations. Data collected through the years 2001-2013 reside in the geographic database. Much of this data has been made available to the public through web services, as well as through direct downloads of these data. Among the most important topics included are: Summary of Puerto Rico Geography, Educational Resources for Students on Geographic Information Technologies, Geodata Download, Census Data Download, Catalogs, ArcGIS Server, GeoServer and Applications.

[Satellite Images Produced by CONAE Show Fires in the Province of Cordoba](#)

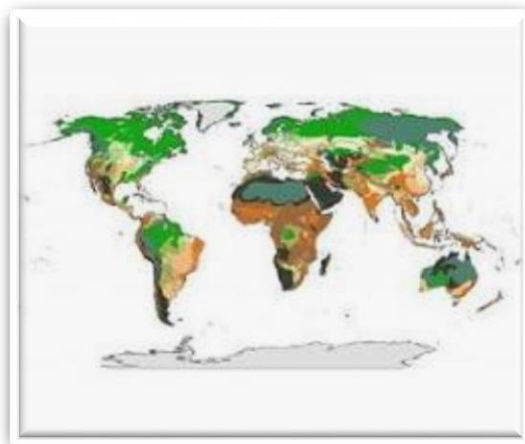
Source: <http://www.conae.gov.ar/>

Satellite images produced by the National Commission on Space Activities of Argentina (in Spanish CONAE) detected fires in the province of Cordoba in last September. These images are made on the basis of data obtained by different Earth Observation satellites received by the Theophilus Tabanera Space Center Cordoba Ground Station. With this Station a team of professionals responsible for planning the satellite passes to obtain data required for this emergency, coordinates their receipt, check their quality, and make them available to users. Another team of professionals at the Institute for Space Studies "Mario Gulich" is responsible for developing the data by performing different levels of processing, in order to obtain information that allows multiple users to have a single tool for the analysis and study of the affected areas and current outbreaks. Thus CONAE conducts actions defined by the National Space Plan, where emergency management is one of priority areas of space-based information application. Argentina's space agency provides key information for each phase of an emergency both natural or anthropogenic, from its surveillance to monitoring and mitigation.

[New World Map for Overcoming Climate Change](#)

Source: Arturo Brun-Martinez

Using data from the world's ecosystems and predictions of how climate change will impact them, scientists from the Wildlife Conservation Society, the University of Queensland, and Stanford University have produced a roadmap that identifies the world's most vulnerable and least vulnerable areas in the Age of Climate Change. The authors say the vulnerability map will help governments, environmental agencies, and donors identify areas where to best invest in protected area establishment, restoration efforts, and other conservation activities so as to have the biggest return on investment in saving ecosystems and the services they provide to wildlife and people alike. The study appears in an online version of the journal Nature Climate Change. The authors include: Dr. James Watson of the Wildlife Conservation Society and the University of Queensland; Dr. Takuya Iwamura of Stanford University; and Dr. Nathalie Butt of the University of Queensland. Ecosystems with highly intact vegetation and high relative climate stability, for instance, are the best locations for future protected areas, as these have the best chance of retaining species. The new map, the authors say, identifies southern and southeastern Asia, western and central Europe, eastern South America, and southern Australia as some of the most vulnerable regions. The analysis differs from previous climate change exposure assessments based on only climate change exposure which shows the most vulnerable regions as central Africa, northern South America, and northern Australia.



[\(Back to top\)](#)

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

Training and Funding Opportunities, Awards

British Chevening Scholarship Scheme for St. Lucia, Barbados and the Eastern Caribbean

Source: NEMO News

The British High Commission announces that the UK's Chevening Scholarships scheme will open for students wishing to study in the UK in the academic year 2014-2015. Applications will be accepted online from nationals of St Lucia, Barbados and the Eastern Caribbean who wish to pursue fully funded postgraduate studies at an academic institution in the UK. The Chevening Scholarships scheme is the global scholarship programme of the British government. The Scholarships are awarded to exceptional individuals with leadership potential who come from 116 countries worldwide. They enable recipients to study one-year Masters courses in a range of subjects at UK universities. The Scholarships are funded by the Foreign and Commonwealth Office and aim to support UK foreign policy priorities by creating lasting positive relationships with future leaders, influencers and decision makers. Nationals of St. Lucia, Barbados and the Eastern Caribbean should go to www.Chevening.org to register interest or apply. The closing date is **Friday 8 November**, 2013 after which no further applications will be accepted.

Seminar: Innovative Approaches to Turn Statistics into Knowledge

Source: Kate Lance



This seminar will take place on **December 2-4**, 2013, at INEGI Headquarters, in Aguascalientes, Mexico, and will bring together experts from the global statistical community to demonstrate how innovative visualisation and dissemination tools can transform data into knowledge and in doing so, reach out to many different stakeholders so they can better understand the world they live in and to enable them to make informed choices and decisions accordingly. The seminar will

also showcase tools to help statistical organisations meet the challenges faced by the mass of new data sources being made available (big data) and tell richer, more compelling stories to statistical audiences and a wider public. In addition the event will present examples from the field of "data journalism" to demonstrate how complex, data-driven stories can be told using info-graphics. The meeting will be organised around the following themes:

- Using Maps to Visualize Data
- Visualisations using "Big Data"
- Data Discovery and Analysis
- Data Journalism
- Storytelling/Other

A registration form (for participation and abstract submission) may be found [here](#).

EBM Tools Webinar: New Global Seafloor Geomorphology Map and the Management of Areas Beyond National Jurisdiction

Source: Sarah Carr



The Ecosystem-Based Management (EBM) Tools Network is hosting a webinar on a New Global Seafloor Geomorphology Map and the Management of Areas Beyond National Jurisdiction by Peter Harris of Geoscience Australia and Jonas Rupp of Conservation International. This presentation will be held on **Wednesday, October 23**, at 1 pm US EDT/10 am US PDT/5 pm GMT. A partnership effort between Geoscience Australia, GRID- Arendal, and Conservation International has created a new global map of seafloor geomorphology. Seafloor geomorphology is useful for ocean management because different geomorphic features (e.g. submarine canyons, seamounts, spreading ridges, escarpments, plateaus, trenches etc.)

are commonly associated with particular suites of habitats and biological communities. These associations are

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

particularly useful in locations where other data sources on benthic habitats are unavailable, such as in the ocean territory of developing states and in areas beyond national jurisdiction (ABNJ). The map will provide a global inventory of features, which can be used by global, regional, and national institutions for priority setting to achieve objectives related to planning, conservation and management measures for marine resources, biological diversity and ecosystem services. View the map at <http://geoig.grida.no/maps/1136>. Register for the webinar at <https://www1.gotomeeting.com/register/573755721>.

Recording of the Webinar "Advanced Geoprocessing in gvSIG"

Source: gvSIG News Office

This Spanish Webinar recording held on September 3rd has been published in "gvSIG advanced Geoprocessing". This webinar dealt with advanced geoprocessing tools, both for raster and vector analysis available in gvSIG Desktop. If you could not follow the live webinar, recording is now available in the video section (<http://www.gvsig.org/web/projects/gvsig-desktop/tour/videos/proyecto-gvsig>) of the project's website. Also available are the exercises and mapping performed.



[\(Back to top\)](#)

Employment Opportunities

University of Mary Washington - Assistant Professor in Geography/GIS

Source: Stephen P. Hanna

The Department of Geography of the University of Mary Washington, seeks a specialist in GIScience with teaching and research interests in the application of web-based GIS to the study of environmental issues, community development, or planning to fill a tenure-track position at the Assistant Professor level. A Ph.D. in geography is required at the time of appointment. The successful applicant will teach core courses in new Master of Science in Geospatial Analysis (MSGAs) as well as GIS and other geography courses at the undergraduate level. In addition, the successful candidate will work with the Center for Spatial Analysis and Research (CeSAR) to help forge partnerships between the University, local community organizations, businesses, and government agencies. Candidates should submit a letter of application describing research and teaching interests, CV, statement of teaching philosophy, and evidence of effective teaching by **December 15, 2013**, at <http://careers.umw.edu>. The University of Mary Washington accepts only completed online applications. Faxed, mailed, or emailed applications will not be considered. All candidates should also request three letters of recommendation be sent by **December 15, 2013**, to Dr. Stephen Hanna, Professor and Chair, Department of Geography, Monroe Hall, University of Mary Washington, 1301 College Avenue, Fredericksburg, Virginia, 22401 or to: shanna@umw.edu.

Tenure Track job at Kansas State

Source: Joshua Newell

The Department of Geography at Kansas State University invites applications for a tenure-track Assistant Professor position beginning August 2014. We seek a geographer with the ability to apply complex systems thinking and geospatial computational methods to problems addressing Nature-Society interactions, population, or health geography. The new faculty member will complement existing faculty strengths indicated on a Venn diagram of departmental thinking (<http://www.kstate.edu/geography/academics>) and expand our ability to conduct cutting-edge research in the analysis and modeling of dynamic geographic processes. Candidates will have the opportunity to pursue emerging interdisciplinary opportunities for social scientists across the K-State campus. Strong research and teaching interests in GIS and GIScience are especially desirable. Successful candidates will value diversity in all of its dimensions, employ cutting-edge geographical approaches in their research and teaching, and consider different technical and cultural perspectives in solving problems appropriate to a land grant institution. Visit <http://www.k-state.edu/geography/> for information about the department. Apply to: Nature-Society Geographer Search Committee, Department of Geography, 118 Seaton Hall, Kansas State University, Manhattan, KS 66506-2904. Electronic submissions are preferred and should be sent as pdf attachments to geog@k-state.edu with the message subject of "AP in Nature-Society Geography".

[\(Back to top\)](#)

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

Other

[Snail Shell Piles put Ancient Humans in Bolivian Amazon Earlier than Thought](#)

Source: AAG SmartBrief, September 2013

Three forested islands in the Bolivian Amazon show evidence of human habitation about 10,000 years ago, researchers say. The islands are shell middens, piles of freshwater snail shells that humans left behind, which scientist carbon-dated. "This discovery alters the map of early human occupations in South America.". The newfound site "is the oldest archaeological site in southern and western Amazonia," said geographer Umberto Lombardo, a researcher at the University of Bern in Switzerland. "This discovery alters the map of early human occupations in South America." [[The 10 Biggest Mysteries of the First Humans](#)].

Impact of Sea Level Rise on the 10 Insular Hotspots

Source: Carole Martinez

With the current estimates of global sea level rise (at least 1m by 2100), large parts of ecosystems of low-lying islands are at high risk of becoming submerged, leading to significant habitat loss world-wide. Therefore, the threat posed by sea level rise requires specific policies that prioritize insular biota on islands at risk as a result of near future sea level rise. Three hotspots displayed the most significant loss of insular habitat: the Caribbean islands, the Philippines and Sunderland, representing a potential threat for 300 endemic species. Please find the link to a very interesting article on the impact of sea level rise on 10 insular hotspots: <http://max2.es.e.u-psud.fr/epc/conservation/PDFs/SLRhot.pdf>.

[\(Back to top\)](#)

Americas: Conferences, SDI Events

[CIGMA 2013 International Conference of Geography and Environment](#)

Source: <http://cigma2013.mx/>



The National Institute of Statistics and Geography (INEGI) and the United Nations Organization (ONU), will hold the CIGMA2013 Conference on **October 7-9**, in Mexico City. The objective is to

bring about an international approaching and participation atmosphere to encourage cooperation, research and experiences exchange to address new global geospatial challenges. As an added value, Statistical and Geographic Information Integration Advances will be shown, as well as the challenges faced in the National Statistical and Geographic Information Systems building and Consolidation (SNIEG).

[International Geographical Congress](#)

Source:

<http://www.gaea.org.ar/semananueva.htm>

The Argentinean Society of Geographical Studies (GAEA) calls for participation to the International Congress of Geography and 74 Geography Week to be held in



Trevelin, Chubut Province (Argentina) from **October 31 to November 3**, 2013. More information at: <http://www.gaea.org.ar/semananueva.htm>. Contact: informes@gaea.org.ar

[ICRI General Meeting](#)

Source: <http://www.icriforum.org/ICRIGM28>



The second General Meeting of ICRI under the Australia-Belize Secretariat will be held from the **14th to the 17th of October** 2013 at Belize City. Final agenda will be posted on October 7. The International Coral Reef Initiative (ICRI) General Meetings of members are held on an annual basis at a minimum. The General Meetings are a way for ICRI members to interact, discuss past and upcoming ICRI-related activities and adopt resolutions or recommendations to attract international attention on specific issues.

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

[2013 IEEE International Conference on Big Data \(IEEE BigData 2013\)](#)

Source: <http://cci.drexel.edu/bigdata/bigdata2013/>



The Conference will be held on **October 6-9** in Santa Clara, CA, USA. In recent years, "Big Data" has

become a new ubiquitous term. Big Data is transforming science, engineering, medicine, healthcare, finance, business, and ultimately society itself. The IEEE International Conference on Big Data 2013 (IEEE BigData 2013) provides a leading forum for disseminating the latest research in Big Data Research, Development, and Applications.

[IEEE Big Data 2013 Workshops.](#)

[\(Back to top\)](#)

YEAR 2013

Year [2013](#) [January](#) [February](#) [March](#) [April](#) [May](#) [June](#) [July](#) [August](#) [September](#) [October](#) [November](#) [December](#)

OCTOBER 2013

Sep.30-Oct.4	Turrialba, Costa Rica	Climate-smart Territories at the tropic. Information: conferenciawallace@catie.ac.cr
1-4	Manizales Caldas, Colombia	EISI 2013 ^{4th} International Meeting and 7 th National Engineering Research and Information Systems Meeting
1-5	Ciego de Ávila, Cuba	11th International Congress on Hydraulics engineering and 7th International Seminary on Integrated Water Use
1-5 *NEW*	Mérida, Venezuela.	Introduction to GIS with QGIS using free software
3-4	Polvorines, Argentina	II National Congress on Geographic Information Technologies and II Days on Geographic Information Systems Deadline for abstracts (300 words): April 30, 2013 . E mail: iicongresotig2013@gmail.com / infosig@unqs.edu.ar
3-24	New Brunswick NJ, USA	ArcGIS: Introduction
4 *NEW*	From 12:00 to 12:30 (Quito, Ecuador time)	Webinar on Geomatics and Energy resources. Geomatics Spatio-Temporal Assessment System of Renewable Energy Source, Design and Implementation Registration: https://www2.gotomeeting.com/register/582748722
4-5	Entre Ríos-Concordia, Argentina	26th Forestry Working Days from Entre Rios
5-11	Salt Lake City UT, USA	IUFRO World Congress 2014. Sustaining forests, supporting people. The Role of Research
6-9	Santa Clara CA, USA	IABD 2013 2013 International Workshop on Intelligent Agents for Big Data (IABD)
6-10	Silicon Valley CA USA	BigData 2013
7-9	Ciudad de Mexico, Mexico	International Convention on Geography and the Environment 2013 (In Spanish CIGMA)
7-31	Turrialba, Costa Rica	25th Intensive Course International Diversified Management of Natural Tropical Forests: Managing the Challenges of Climate Change
9-10	Denver CO, USA	GIS in the Rockies Conference
9-11 *NEW*	Bogotá, D.C. Colombia	International Seminar on Concentration and Land Grabbing, Rural Development and Right to Food
10-11	West Palm Beach FL, USA	South Florida 2013 GIS EXPO Conference For more details: www.sfgisexpo.com
9-11	Buenos Aires, Argentina	4th Congress on Environmental Sciences
10-12	Omaha NE, USA	AAG Great Plains/Rocky Mountains Division Regional Meeting
10-13	Oakland CA, USA	North American Association for Environmental Education: 41st annual conference
13-16	Tampa FL, USA	GEOINT 2013
14-16	Cambridge MA, USA	Esri Health GIS Conference
14-17	Belize City, Belize	ICRI 28th General Meeting (ICRI GM28)
15-19	Chillán, Chile	34th National Congress and 19th International Congress on Geography
16 *NEW*	Cali, Colombia	Geoinformation and GIS technologies Opportunities for learning global organizations

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

16-18	Santiago, Chile	GENERA Latinoamérica 2013
16-18	Lima, Peru	Esri Latin America User Conference
16-18 *NEW*	Guadalajara, Jalisco, México	First Latin American Congress of Surveying Engineering, Geodesy and Geomatics
16-18	Washington DC, USA	GIS in Transit Conference
17-18	Montreal, Quebec, Canada	Borders, Walls and Security
17-19	Eau Claire WI, USA	AAG West Lakes Division Regional Meeting
18-19	Worcester MA, USA	New England/St. Lawrence Valley (NESTVAL) Division Regional Meeting
18-19	Buffalo NY, USA	AAG Middle States Division Annual Meeting
18-20	Newark NJ, USA	44th Binghamton Geomorphology Symposium on Coastal Geomorphology and Restoration
20-23	San Antonio TX, USA	Esri Electric and Gas GIS Conference
Oct. 21 – Nov.1 *NEW*	Bogotá, D.C. Colombia	Geo-portals Development and geographical web services using OGC standards and free tools
21-22	Orlando FL, USA	Analytics 2013
21-23	Panama City, Panama	School on Reference Systems, Crustal Deformation and Ionosphere Monitoring
21-25	Ibagué, Tolima	10th International Course Tools for Carbon Sequestration Monitoring Systems Land Use
22-24	San Antonio TX, USA	13th Annual Outage Restoration and Response Conference
22-25	Lima, Peru	5th International Congress on Computing and Telecommunications
23-25	Santiago, Chile	LARS Latin American Remote Sensing Week - 2013
23-25	Buenos Aires, Argentina	Fifth Latin American and Caribbean gvSIG Conference: "Knowledge gives freedom" and Third Argentine working days of gvSIG
23-26	Mendoza, Argentina	4th National Congress on Geography of Public Universities and 10thCuyanás Workings day The complexity, permanent attribute of geography science
23-26 *NEW*	Bogotá, D.C. Colombia	XI Annual Department of Geography Conference Cycle "Town Planning and the Environment"
24-26	Nacogdoches TX, USA	AAG Southwest Division (SWAAG) Annual Meeting
24-26	Panama City, Panama	SIRGAS 2013 Meeting
25-26	Toledo OH, USA	AAG East Lakes Division Regional Meeting (jointly with CAG, Ontario)
25-27 *NEW*	Ciudad de Guatemala, Guatemala	6th Congress on Surveying, Geodesy and Cadastre
27-30	Denver CO, USA	GSA 2013 Annual Meeting - 125th Anniversary "Celebrating Advances in Geoscience"
27-31	Kansas City MO, USA	National States Geographic Information Council (NSGIC) Annual Meeting 2013
27-31	San Antonio TX, USA	CaGIS/ASPRS 2013 Specialty Conference
Oct. 27 – Nov.1	Burlingame CA, USA	ACM International Conference on Information and Knowledge Management (CIKM 2013)
Oct. 28 – Nov.1 *UPDATED*	Caracas - Venezuela	5th National Geomatics Working days and IX Conference on Remote Sensing Education in Mercosur
30	Houston TX, USA	Blue Marble Users Conference
Oct.30-Nov.2	Annapolis MD, USA	AAG Middle Atlantic Division Regional Meeting (jointly with AAG Applied Geography Specialty Group)
Oct.31-Nov.2	Tampa FL, USA	Fifty-fourth Annual Meeting Society for the History of Discoveries
Oct.31-Nov.3	Trevelin – Chubut, Argentina	International Congress of Geography / Geography Week 74
Oct.31-Nov.3	Seattle WA, USA	Pacific Northwest Regional Conference in the Environmental Humanities: "The Future of the Environmental Humanities: Research, Pedagogies, Institutions, and Publics"

NOVEMBER 2013

4-6	Atlanta GA, USA	Spatial Plexus '13
4-8	Addis Abbaba, Ethiopia.	AfricaGIS 2013 Conference and the GSDI 14 World Conference
4-8	Turrialba, Costa Rica	Biodiversity Analysis: from Functional Diversity to Ecosystem Services
4-8	New York NY, USA	Geoweb Summit #7
5-7	Québec, Canada	Geo-Services International Conference

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

5-8	Orlando FL, USA	21st International Conference on Advances in Geographic Information Systems (ACM SIGSPATIAL GIS 2013)
6-9	Havana, Cuba	3rd International Congress on Local Development "For Local Sustainable Development"
Nov.7-Dec.5	New Brunswick NJ, USA	ArcGIS: Editing and Data Development
7	Atlanta GA, USA	Geoweb Summit #7
7-8	San Diego CA, USA	Blue Tech and Blue Economy Summit: Marine Spatial Planning and Promoting Sustainable Development in the Blue Economy
13-14	Alexandria VA, USA	MAPPS International Market Conference – Entering and Expanding Global Business Opportunities
13-14	Alexandria VA, USA	International Conference on Exporting for Geospatial, Engineering and Related Services
13-14	Huntsville AL, USA	GEO-Energy-Cyber Huntsville Summit
13-15	Salt Lake City UT, USA	Esri Southwest User Conference
13-16	Atlanta GA, USA	60th Annual North American Meetings of the Regional Science Association International
14	Manizales, Colombia	Memory, Space and Society Conference series
17	Montevideo, Uruguay	6th Meeting of GeoSUR Program
18 - 19	Montevideo, Uruguay	22 Meeting of Consultation of the Commission of Cartography, 19 Meeting of Consultation of the Commission on Geography, 18 Meeting of Consultation of the Commission on History and 12th Meeting of Consultation of the Commission on Geophysics of PAIGH
18-22	Río de Janeiro, Brazil	13th National Symposium on Urban Geography - SIMPURB
18-22	Mar del Plata, Argentina	7th Latin America and the Caribbean Meeting for Biotechnology REDBIO Argentina 2013 "Biotechnology and Society: Dialogues for Sustainable Development"
18-29	Bogotá, D.C. Colombia	IGAC Announces a Basic GIS Course
19-20	Tallahassee, FL USA.	2013 SHRUG GIS Work Shop
20	World wide	GIS Day
NEW		
20-22	Bogotá, D.C. Colombia	First International Geographical Congress, Tourism: Prospects and Challenges in Colombia. Culture, environment, public policy and land
NEW		
20-22	Montevideo, Uruguay	20 General Assembly of the PAIGH
21-24	Chicago IL, USA	38th Annual Meeting of the Social Science History Association (SSHA)
24-26	Roanoke VA, USA	Southeast (SEDAAG) Division Regional Meeting
25-29	Puebla de Zaragoza, México	2nd International Course on Open Government
NEW		
Nov.25 – Dec.6	Turrialba, Costa Rica	International Course: Comprehensive Management of Irrigation: Resilience to natural hazards geological and climatic

DECEMBER 2013

3-5	Las Vegas NV, USA	Autodesk University
2-6	Lima, Peru	15th UN Industrial Development Organization (UNIDO) Conference 2013
10-11	Baltimore MD, USA	Esri Mid-Atlantic User Conference

Year 2014

Year 2014 [January](#) [February](#) [March](#) [April](#) [May](#) [June](#) [July](#) [August](#) [September](#) [October](#) [November](#) [December](#)

JANUARY 2014

5-11	Panamá City, Panamá	Conference of Latin Americanist Geographers
NEW		
28-30	San Antonio TX, USA	DistribuTECH 2014 Conference and Exhibition
29-30	Redlands CA, USA	Geodesign Summit Asks Attendees to Reimagine Their World

FEBRUARY 2014

9-13	La Jolla CA., USA	MAPPS Winter Conference
17-19	Denver CO, USA	International LiDAR Mapping Forum [ILMF] Conference

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

23-26 *NEW*	Annapolis MD; USA	NSGIC National States Geographic Information Council 2014 Midyear Meeting
24-27	Jacksonville FL, USA	18th Annual GIS/CAMA Technologies Conference

MARCH 2014

23-27	Louisville KY, USA	ASPRS 2014 Annual Conference- Geospatial Power in Our Pockets
27-29	Malargüe – Mendoza, Argentina	10th Physical Geography National Working days

APRIL 2014

8-12	Tampa, FL, USA	AAG Annual Meeting 2014
Apr.27-May 1	Kansas City MO, USA	MAGIC 2014

MAY 2014

7-9	Sao Paulo, Brazil	MundoGEO#Connect 2014
7-9	Tandil - Buenos Aires, Argentina	Third National Working days on Argentina Research and Teaching in Geography and Ninth Working days on Research and Extension Center Geographical Research - Geography: the challenge of building inclusive territories
27-29	Guayaquil, Ecuador	Fourth Disaster Risk Reduction Session of the Regional Platform for the Americas 2014

JUNE 2014

2-5 *NEW*	Las Vegas NV, USA	HxGN LIVE 2014 - Hexagon International Conference
----------------------------	-------------------	---

SEPTEMBER 2014

14-18 *NEW*	Charleston SC, USA	NSGIC National States Geographic Information Council 2014 Annual Conference
------------------------------	--------------------	---

OCTOBER 2014

22-24	Ft. Worth TX, USA	Race, Ethnicity and Place 2014 Conference
--------------	-------------------	---

NOVEMBER 2014

5-7	Córdoba, Argentina	X Biennial Colloquium of Territorial Transformations
------------	--------------------	--

[\(Back to top\)](#)

Please mention SDI-LAC as source of information in any correspondence you may have on items on this issue

To subscribe to SDI-LAC, please do so online at:
<http://www.gsdi.org/newslist/gsdsubscribe.asp>
 Nancy Aguirre, PAIGH, Editor cnaguirre@ipgh.org
 Global Spatial Data Infrastructure Association,
<http://www.gsdi.org>

DISCLAIMER:
 GSDI, PAIGH and the Editor will not be held liable for any errors, mistakes, misprints or incorrect information from third parties. Copyright © 2013. All rights reserved.

[\(Back to top\)](#)