

Global Spatial Data Infrastructure Latin America and the Caribbean Newsletter

SDI-LAC

September

2013

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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

This SDI-LAC number highlights the following updates: The **Global and Regional SDI** section comprises notes on "Early Rate" registration to the Global Geospatial Conference 2013; the 20th General Assembly and Consultation Meetings of the Commissions of PAIGH; PC-IDEA (now UN-GGIM-Americas)-Farewell 2009-2013 - Introduction 2013-2016; GeoSUR Award 2013; OGC Geo4NIEM Webinar; OGC ILAF Corner; and notes on relevant Conferences taking place worldwide. The **IGS section** includes comments on IGS Membership Renewal. The **National SDI** segment informs on IDET's Metadata Subcommittee New Resources, Argentina; Launching of IDE-EPB Course Program, Bolivia; Ministry of Health as new node in INDE, Brazil; The new maps service "SIRGAS IGM Points" on Chilean geoportal; The New DANE Geoportal, Colombia; Creation of the National Territorial Information System (SNIT) in Costa Rica; and GIS of Maldonado, Uruguay. **Articles and Publications** of the month include papers of LaCad in the LADM 2013- FIG 2013 Conference; IDERA Bulletin No. 10; UN-GGIM inventory of issues and GI standardization; Free Access Articles in IJDE and IJRS; and a new compilation of *Land Lines* articles. **Geospatial Research and Applications** underline the UN-SPIDER Portal New section to free data and products; Panama's First high-resolution national carbon map; and a climate risk management tool launched in the Caribbean. The **Training and Funding Opportunities** section encompasses calls for the OAS Scholarships Opportunities; A Master on GI Quality Evaluation and Management; New online course at Lincoln Institute of Land

Policy; Novel gvSIG-Training Courses and Platform; and the The Caribbean Islands Biodiversity Hotspot Critical Ecosystem Partnership Fund (CEPF). 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**, Analyst (Navteq – Recife); **Antonio J. Fazan**, Analyst (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, Analyst (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

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Input to this Issue

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

| | |
|---------------------------|--|
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| Julian Mauricio Alvarado | Leader SIGE Modernization Project, Geostatistics Information Division, Colombia |
| Ramona Angelescu Naqvi | Team Leader (Global Research Competition), Global Development Network, India |
| Sergio Bonilla | Geographic Information Systems Unit, Department of Maldonado Administration, Uruguay |
| Santiago Borrero | Secretary General, Pan-American Institute of Geography and History, PAIGH, Mexico |
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| Sally Day | GIS and Remote Sensing Team, Taylor and Francis Journals |
| Joan Capdevila-Subirana | Regional Service of the National Geographic Institute in Catalunya, Spain |
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| James Clinton | WCST-2013 Conference Coordinator, UK |
| Hanne Elster | FIG Event and Office Coordinator, International Federation of Surveyors, Denmark |
| Anthony Flint | Lincoln Institute of Land Policy, <i>At Lincoln House</i> , USA |
| Kate Lance | GSDI listserv moderator, USA |
| Roger Longhorne | Communications Director, GSDI Association |
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| Darla K. Munroe | Associate Professor, Chair of Graduate Studies, The Ohio State University, Department of Geography, USA |
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| Imma Serra | National Geographic Information Center, National Geographic Institute, Spain |
| Eric van Praag | Regional Coordinator, GeoSUR Programe- CAF, Venezuela |
| Changlin Wang | Executive Editor, International Journal of Digital Earth IJDE |
| Piet Wit | Chair Commission on Ecosystem Management (CEM), The Netherlands |

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Global and Regional SDI, News, Presentations

AfricaGIS 2013

GSDI 14



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

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Global Geospatial Conference 2013

Source: Roger Longhorn

Register at <http://www.gsdi.org/gsdiconf/gsdi14/register.html>

The regular "Early Rate" ends on **September 15**. Get your payment in to save!

Note to Registrants From Developing Nations

If you reside in a developing nation and are a current member of either EIS-Africa or the International Geospatial Society (IGS), you qualify for an extra-low conference registration rate as shown at <http://www.gsdi.org/gsdiconf/gsdi14/fees.html>. The registration system automatically detects both of these conditions.

The organizers of the Global Geospatial Conference 2013, to be held at the UN Economic Commission for Africa (UNECA) United Nations Conference Centre (UNCC), Addis Ababa, Ethiopia, from 4-8 November, are pleased to announce that industry leaders Esri, Intergraph, Google and DigitalGlobe have all signed on as lead sponsors for this joint GSDI 14 World Conference and AfricaGIS 2013 Conference.

Esri, Inc. is the conference Titanium Sponsor while Intergraph Corporation (part of Hexagon) and Google, Inc. are Platinum Sponsors. DigitalGlobe has signed on as a Bronze Sponsor. Esri and Intergraph are also both GSDI Association corporate members. Negotiations are on-going with a range of other sponsors and exhibitors. The Sponsor and Exhibitors Prospectus is available at the conference web site at www.gsdi.org/gsdi14/.

Confirmed Keynote Speakers

- Jack Dangermond, President, Esri, Inc.
- Peter Gilruth, Director, Division of Early Warning and Assessment (DEWA), United Nations Environment Programme
- Carlos Lopes, Executive Secretary, United Nations Economic Commission for Africa
- Wilbur Khasilwa Ottichilo, Member of Parliament, Emuhaya Constituency, Kenya
- Barbara Ryan, Secretariat Director, Group on Earth Observations (GEO)
- Lee Schwartz, Director, Office of the Geographer and Global Issues, US Department of State

AfriGEOSS Launch

AfriGEOSS, the GEO initiative to reinforce Earth observation in Africa, will feature a special plenary launch on the second day of the conference, followed by a cocktail reception that evening at the UNECA. Learn more about this exciting initiative that will expose African experts to global collaborations and improve their access to data and open-software tools for applications development in order to create new benefits for society, help sustain existing capacities, encourage knowledge transfer and provide a large return on investment in Earth Observation.

GSDI Global Citizen Award

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. Following appraisal of the nominations and final selection by the awards committee, the winner has been selected. Watch this space for more news!

For more information, contact Sives Govender, Executive Director, EIS-Africa, SGovender@eis-africa.org or Harlan Onsrud, Executive Director, GSDI Association, onsrud@gsdi.org and visit the conference website at <http://www.gsdi.org/gsdi14>.

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[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-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](#)



PC-IDEA (now UN-GGIM-Americas)- Farewell 2009-2013 - Introduction 2013-2016

Source: *Luiz Paulo y Valéria Araujo* a través de Santiago Borrero

Dear Members, Partners and Collaborators of PC-IDEA (now UN- GGIM Americas),

The Tenth United Nations Regional Cartographic Conference for the Americas (UNRCC-A) and the Tenth PC-IDEA Plenary Meeting (<http://www.cp-idea.org/>) took place on August 19-23, in New York.

Several PC-IDEA presentations with the results of the work of this term were done. Preliminary reports are available on the websites provided below. As soon as possible we will replacement then to the final versions. (<http://unstats.un.org/unsd/geoinfo/RCC/unrcca10.html> and <http://www.cp-idea.org/index.php/reuniones/82-10-reunion-ampliada-de-cp-idea>)

Please, find the [Final Report of the Activities carried out in the period 2009-2013](#), available, for the time being, in English only.

The Resolutions and the Final Report of the Tenth UNRCC-A, are being finalized by UNSD team and will be available on the website as soon as possible.

Regarding the PC-IDEA Plenary Meeting, the minutes are in the finalization process and soon will be send to stakeholders, however some important points discussed include the following:

- 1) The name of the PC-IDEA changed to UN-GGIM-Americas;
- 2) Documents and manuals were approved and the final versions will be available on the website soon;
- 3) The new Executive Board for 2013-2016 were elected:

President = Mexico: Rolando Ocampo Alcántar
Executive Secretary = Mexico: Mónica Aguayo González
Vice Presidency = Chile: Matias Fortuño
Central America Vocal = El Salvador: Rigoberto Magaña
Caribbean Vocal = Jamaica: Trevor Shaw
South America Vocal = Brazil: João Bosco de Azevedo
North America Vocal = Canada: Phashant Shukle

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4) The next UNRCC -A will be held in 2016 .

From now on, official communications of the UN-GGIM-Americas will be made by Mónica Aguayo (monica.aguayo@inegi.org.mx), the new Executive Secretary.

GeoSUR Award 2013

Source: Eric van Praag



The CAF – Development Bank of Latin America and the Pan American Institute of Geography and History (PAIGH) are pleased to announce the GeoSUR Award 2013. Each year the award is bestowed to the activity that arises from the relationship of the participating GeoSUR Program institutions, based on their available geospatial data and the use of geospatial information services offered in the region. The award will recognize the application of spatial data or development of geospatial information services offered in the region which, because of their innovative features and relevance, also contribute to the general objectives of the GeoSUR Program. Deadline by **September 30**, 2013. The GeoSUR Award 2013 will be granted in Montevideo, Uruguay, during the 6th Meeting of GeoSUR Program, as part of the 20th General Assembly of the PAIGH, on November 2013. Please find the guidelines for applying to the GeoSUR Award 2013 [here](#). Questions should be addressed to: The Pan American Institute of Geography and History GeoSUR Award premios@ipgh.org and/or secretariageneral@ipgh.org

OGC Geo4NIEM Webinar will Demonstrate Enhanced use of Geospatial Capabilities with the US National Information Exchange Model (NIEM)

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



The sponsors of the OGC Geo4NIEM Initiative: Program Manager – Information Sharing Environment (PM-ISE), the National Information Exchange Model – Program Management Office (NIEM PMO), and the Open Geospatial Consortium (OGC®) invite interested organizations to attend the [OGC Geo4NIEM Demo public webinar](#) on **19 September** 2013 from 1030-1130am EDT. Geo4NIEM is an OGC initiative named Geospatial Enhancements for the US National Information Exchange Model (NIEM). Working from a scenario in which a hurricane strikes New York City, the initiative's technology provider participants will show how enhanced geospatial capabilities enable situational awareness through the ability to identify, process, and comprehend critical information about an incident. OGC Geo4NIEM Initiative technology provider participants include OGC members Galdos, The Carbon Project, Luciad and ArdentMC. In the demo, specific Information Exchange Packages (IEPs) from the Department of Homeland Security (DHS) are implemented using widely employed open standards to support rapid and flexible communication of geospatial information in cross-community information exchange domains such as public safety, emergency management and maritime operations oversight. After the webinar, a detailed Geo4NIEM OGC Engineering Report will be made available to the public on the [OGC Public Engineering Report website](#).

OGC ILAF Corner

Source: Imma Serra and Joan Capdevila

Did you know that ...

The Web Coverage Service standard, WCS allows the exchange of geographic information as hedges. That is, special information representing space-time variations of a phenomenon, for example, a digital terrain model, a satellite image, information about simulation systems, etc.. The OpenGIS ® specification is structured into a core document, which defines the basic requirements to be met by any WCS standard and moreover defined extensions describing additional requirements and response coding. Recently the [WCS Working Group](#) has published the [WCS standard](#)

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[documentation with coordinate reference systems extensions](#), attribute extraction, scaling and interpolation. The following [link](#) describes the latest version of WCS 2.0: operations providing service and some examples.

OGC News

30/07: OGC is associated with the institution Location Based Marketing Association (LBMA). [Link](#)

06/08: OGC Seeks Comments on Candidate GeoPackage Standard. [Link](#)

08/08: Available for review the Range Subsetting Extension to the OGC Web Coverage Service Standard. [Link](#)

20/08: Available for review the Scaling Extension to the OGC Web Coverage Service Interface Standard. [Link](#)

22/08: Available for review the Interpolation Extension to the Web Coverage Service standard. [Link](#)

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

[FIG Pacific Small Island Developing States Symposium: Policies and Practices for Responsible Governance](#)

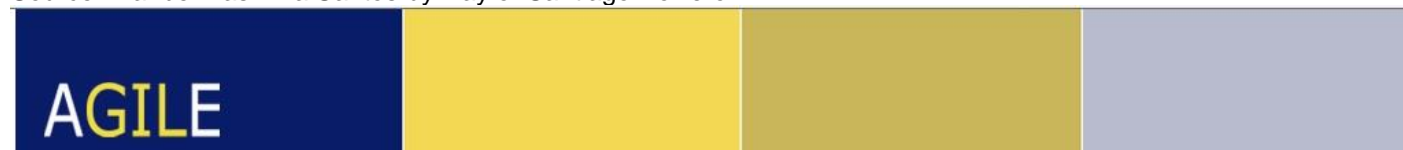
Source: Hanne Elster by way of Santiago Borrero



FIG is partnering Food and Agriculture Organization (FAO), the Fiji Institute of Surveyors (member association of FIG), the University of South Pacific and the Fiji Ministry of Lands and Mineral Resources to realize this Symposium that will take place on September 18–20, 2013 in Suva, Fiji. The United Nations Global Geospatial Information Management (UN GGIM), the United Nations Regional Committee on Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP), United Nations Human Settlement Program (UN-Habitat) and Global Land Tool Network (GLTN) are supporting the Symposium. Thus you will have the opportunity of meeting high level speakers with great experience from working with the Pacific Small Island Developing States. We are pleased to invite you to register to this special event. You will find more information on the conference website www.fig.net/fiji. The registration fee includes Technical sessions and workshops, Opening ceremony and reception, tea/coffee, lunch and a Fijian Dinner. Please register before **13 September** by using this link <https://www.fig.net/registrations/regform.asp?eventid=104>. Delegates from Fiji should register via www.lands.gov.fj. Visit the Conference website: www.fig.net/fiji and read about the background of the symposium and who is involved with the planning. If you need a visa letter please contact: fig@fig.net

17th AGILE Conference on GIScience: Connecting a Digital Europe through Location and Place

Source: Maribel Yasmina Santos by way of Santiago Borrero



On behalf of the AGILE council, we would like to invite you to participate at the 17th AGILE International Conference on Geographic Information Science, scheduled to take place between 3 and 6 June 2014 in Castellón, Spain. This years' conference will pay special attention to the role Geographic Information Science and Technology can play to connect European universities, research centres, industry, government and citizen in the digital information age. For any information with respect to the conference, please contact the organizers at agile2014@uji.es

[First Call for Papers](#): The program will offer pre - conference workshops, keynote sessions, parallel paper presentation sessions and a poster session to share your ideas, and to explore on - going research and future developments, including state - of - the - art applications. The conference will also allow you to network with other professionals from academia, industry and government who are interested in promoting GI teaching and research activities at the European level. Authors' instructions are available on the web site of the conference (<http://agile-online.org/>).

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Pre-conference workshops: The pre-conference workshops will be held on Tuesday, June 3rd and are a complementary forum to the main conference, encouraging the discussion of work in progress, and facilitating a dialogue on emerging topics in small groups.

Grants available: The AGILE Grant Program will allocate grants (scholarships) to AGILE 2014 attendees, with priority given to PhD students. An applicant must have submitted a paper or a poster. Each grant will approximately cover full conference registration and a maximum of 4 nights in a hotel chosen by the conference organizers. The call for the grants with further details will be published on the conference web site.

Important Dates and Deadlines: **30 November** 2013 for Full paper submission / **9 December** 2013 for Pre-conference workshop proposal.

[The International Conference on Digital Information Processing, E-Business and Cloud Computing \(DIPECC2013\)](#)

Source: DIPECC2013 Conference Organizers



The conference will take place on October 23-25, 2013 in Dubai, United Arab Emirates (UAE) <http://goo.gl/pj7ZD>. All registered papers will be included in SDIWC Digital Library, and in the proceedings of the conference. The proposed conference aims to enable researchers to build connections between different digital applications. Submission Deadline is September 23, 2013. Contact: Jackie Blanco, Conference Manager dip@sdiwc.net

[World Congress on Sustainable Technologies \(WCST-2013\)](#)

Source: James Clinton



The World Congress will take place on December 9-12, 2013, London, UK <http://www.wcst.org>. The World Congress on Sustainable Technologies (WCST-2013) is a multidisciplinary congress. The WCST is bridging efforts across the natural, social and engineering sciences, the environment and development of communities. The congress covers a wide spectrum of topics that relate to sustainability, which includes technical and non-technical research areas. It also encourages sharing new knowledge in the field of sustainable technologies and the environmental impacts. The objectives of WCST are to provide the opportunities for collaboration and reflection that have the potential to greatly enhance the infrastructure and capacity for conducting and applying art, science and technology for sustainability. The WCST-2013 bridges the gap between academia and industry by creating awareness of current development in sustainable technologies. Full Paper Submission Date is **September 15**, 2013. All accepted Panel Discussion proposal will be published in the Conference Proceedings. If you are interested in organizing Panel Discussion for the WCST-2013, please

email your proposal to the pandis@wcst.org on or before the **30th of September**, 2013. Submissions should be in MS Word format.

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[Geospatial World Forum](#)

Source: Santiago Borrero



05 - 09 MAY 2014

Centre International de Conférences Genève (CICG), Switzerland

The 6th edition of Geospatial World Forum 2014 (<http://www.geospatialworldforum.org/>) will take place on May 5-9 in Geneva, Switzerland and shall be the most premium global platform for the geospatial community acting as a breeding ground for innovation in business practices. Revolving around the theme "geoSMART Planet: Resources + Infrastructure & YOU!" this year's conference will delve into the various innovative and integrative systems supported by geospatial technologies for enabling better, efficient use of resources, organized development of infrastructure and last but not least, enabling the common man to live a smart and easy life. Submit Abstracts before **1st November, 2013**. For queries and paper submission please write to: papers@geospatialworldforum.org

[World Forum on Natural Capital](#)

Source: Piet Wit

The inaugural World Forum on Natural Capital (www.naturalcapitalforum.com) is being held in Edinburgh, UK on the 21-22nd November this year with International Union for Conservation of Nature (IUCN) as one of the organizing partners. This is the first major global conference devoted exclusively to turning the debate on natural capital accounting into action. It will build on the enormous private sector interest shown at the United Nations Earth Summit in Rio in June 2012 and the many developments that have taken place since. The Forum will be both inspiring and very useful in terms of learning about practical tools for safeguarding and restoring ecosystems and natural capital. It will also be particularly important leading up to the 1st World Congress on Ecosystem Management to be held in Kasan in 2015.

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IGS News, Links, Publications



International
Geospatial Society



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.

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

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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).

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National SDI, News, Links, Presentations

ARGENTINA

IDET Metadata Subcommittee: New Resources Available

Source: IDET Newsletter July 2013



The Spatial Data Infrastructure of Tucuman Province (in Spanish IDET) Subcommittee on Metadata and Catalogs makes available to all members of this initiative, the Geographic Information Documentation Process file, and an online survey. These are available at the official IDET webpage in the Resources section >> IDET Documentation. The purpose of the online survey is to obtain information related to the development and loading of metadata that allows to implement improvements in existing procedures and documentation. The second product, Geographic Information Documentation Process, is a document that details the steps necessary to documenting geographic information in any organization. Please access the survey at (<http://goo.gl/yK42x>). Access the "[Geographic Information Documentation Process](#)." Contact: IDET Subcommittee on Metadata and Catalogs idet.metadatos@rig.tucuman.gov.ar

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BOLIVIA

GeoBolivia Launched Spatial Data Infrastructures and IDE-EPB Course Program

Source: <http://geo.gob.bo/>



Given the considerable demand for training for public officials, researchers, teachers, students, allied professionals and users of the Spatial Data Infrastructure of the Pluri-national State of Bolivia (in Spanish IDE-EPB), [GeoBolivia](#) undertakes the task of designing an introductory course on Spatial Data Infrastructures (SDIs), the use and applications of IDE-EPB. To date, an official IDE-EPB [geoportal](#) version 1.0 is available, which is its first node. The course will cover main concepts of SDIs, its components and purposes, thus will appeal to anyone managing geographic information or making use of the IDE-EPB services. GeoBolivia structured a [course schedule](#), so as to develop one in each capital city of nine departments in the country.

BRAZIL

Ministry of Health started publishing data in INDE

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



Last August began operating the "node" of the Ministry of Health (MOH) in the National Spatial Data Infrastructure of Brazil (in Portuguese INDE). The MOH published information such as the percentage of investigated infant deaths, primary care coverage, annual parasite incidence of malaria, and the percentage of deaths in women of childbearing age, among others. These indicators are used to monitor the agenda of the Millennium Development Goals (MDGs), a series of macro-objectives established by the United Nations (UN). The publication of the monitoring indicators of the MDG agenda in NSDI allows territorial tracking of the agenda. To view the data please log on to: <http://www.visualizador.inde.gov.br/>.

CHILE

Available new maps service "SIRGAS IGM Points" on Chilean geoportal

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

Among the initiatives to achieve geographic information interoperability for the State, the Chilean map layer Geoportal viewer has now linked the "IGM SIRGAS Points." The new layer is located in the "Topography" category and comes from the Military Geographic Institute (in Spanish IGM) servers. This points' layer shows the reference frame for all geodetic and cartographic activities and representation, and is composed of geodetic points created, calculated and materialized by IGM. The points are used to develop mapping and to increase density of other geodetic networks with multiple purposes (mining, urban forestry, other). Please visit the Map Viewer Geoportal of Chile at: <http://www.geoportal.cl/Visor/>



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COLOMBIA

[New DANE Geoportal](#)

Source: Julian Mauricio Alvarado



The National Statistics Department (in Spanish DANE) launched to all its users and the general public its new corporate website including the novel release of its Geoportal <http://www.dane.gov.co/geoportal/>, which is the institutional dissemination tool of the Geostatistical Information System (in Spanish SIGE). The SIGE is DANE's institutional GIS. This system has been evolving for 20 years with three major stages or phases. First stage began with the National Census of Population and Housing 1993 including the use of digital mapping; second stage was the general census of 2005, which used mobile geographic technologies, GPS, and web map viewers. Currently, DANE is taking steps towards the third generation of SIGE. The new geoportal is the georeferenced statistical information instrument for all. The portal functions are based on next generation geographical information technologies, GIS in the cloud, and both free and proprietary software that are integrated into a Geographic Information System of the 21st Century, with the following features:

- A GIS for ordinary citizens
- With high performance and interaction through Internet and mobile devices
- It interacts with online users based on the user's location
- Multimedia: Georeferencing is accompanied by images, videos, QR codes, RA
- It is highly collaborative through web 2.0

For questions and comments please contact: sige@dane.gov.co. More information at: www.dane.gov.co / facebook.com/DANEColombia / [@DANE_Colombia](https://twitter.com/DANE_Colombia)

[Linking UPRA as an ICDE Node](#)

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

The Rural Agricultural Planning Unit Joins the Colombian Spatial Data Infrastructure (in Spanish ICDE). Last July 30th it was formalized the linking of UPRA to ICDE. The UPRA, responsible for generating guidelines for planning the efficient use of rural land, in support of the National Government in the adoption of public policies for rural development and food security, will be part of the Territorial and Border Committee of the ICDE. With the entry of UPRA to ICDE the agricultural topics will be strengthened, thus fostering social property management, rural land market, the efficient use of land for agricultural purposes, and land improvement. For more information please access <http://www.upra.gov.co/>



COSTA RICA

[Creation of National Territorial Information System \(SNIT\)](#)

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



The Cadastre and Registry Regularization Program is pleased to report the publication in the Official Gazette of July 12, 2013, Decree No 37773 on the creation of the National Territorial Information System (in Spanish SNIT). [Click here to view the Decree.](#)

".... The SNIT will give the necessary support to develop a platform on which it would be based the National Geospatial Data Infrastructure that will be common to all government

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organizations: both municipalities that must be interconnected to the system, and other organizations and public bodies that are users of the cadastral database / registry, and optionally private users." (p.2)

"Article 1 – Establishment of the National Territorial Information System, that may be called for short as SNIT, as a system that advertises and publishes in a comprehensive way, thematic territorial information that is properly geo-referenced, standardized and made compatible to base land information consisting of the official cadastral and topographic mapping, generated in a first step from ortho-photogrammetric surveying, surveying and mapping by the Cadastral and Registry Regularization Program at different scales, as well as aerial ortho-photography, satellite images, and any other type of media it deems the National Register .

Article 2 - The SNIT has overall objectives to promote the generation of products, services and georeferenced geographic information covering national, regional and local levels, to publish in an integrated and georeferenced ways territorial information produced by public bodies and institutions as well as private or legal individuals, and to homogenize standardized geospatial information in the context of a common data infrastructure." (p. 3)

URUGUAY

Geographic Information System of Maldonado, Uruguay

Source: Sergio Bonilla by way of Sergio Acosta y Lara



The Online Geographic Information System of Maldonado is now available on the web for queries and search of urban rural standards, varied information, overlapping satellite image service, street names, several base maps, distance measurement, selection of patterns and prints, among others. The System includes all municipalities and within them all localities, as well as other projects that are being developed. You may consult the page of the Administration within the Online Services section <http://www.maldonado.gub.uy/> at the bottom left. For more information you may access: <http://www.maldonado.gub.uy/?p=0777d5c17d4066b82ab86dff8a46af6f> and <http://gis2.maldonado.gub.uy/flexviewers/rural/#proy>.

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Articles and Publications of the Month

LaCad is Represented in the Conference Land Administration Domain Model (LADM) FIG 2013

Source: Andrea Carneiro by way of Silvane Paixão

Researchers of the [Laboratory of Cadastre and Land Management \(LaCad\)](#) of the Federal University of Pernambuco (in Portuguese UFPE), Brazil, Department of Cartographic Engineering, had articles accepted in FIG 2013 LADM Conference. The papers present the development of LADM for the urban cadastre (Arapiraca experiences and Republic of Cape Verde, Africa), and modeling the regularization process of indigenous lands. This latest survey was conducted in collaboration with members of the [Integrated Spatial Analytics Consultants \(ISAC\)](#), India and the [University of Twente \(ITC\)](#), The Netherlands. The model LADM was approved in November 2012 and became part of ISO 19152 in December 2012. It is a standard for modeling of cadastral systems, based on international models. The accepted papers represent the first experiences of its application to Brazilians. The LaCad-UFPE demonstrates its pioneering with monitoring the development of ISO and simultaneous development of studies to analyze the feasibility of its application in Brazil, hence the importance of these publications:

- [Analysis of the application of the LADM in Brazilian urban cadastre: A case study for the city of Arapiraca, Brazil](#)
Authors: Juciela Cristina Dos Santos, Andrea Flávia Tenório Carneiro and Alex Andrade
- [LADM specification of a relational database for the Republic of Cape Verde](#)
Authors: Alex Jailson Barbosa Andrade, Andrea Flávia Tonório Carneiro and Juciela Cristina Dos Santos
- [Modelling Brazilian Indigenous Tribes Land Rights with ISO 19152 LADM](#)
Authors: Silvane Paixão, João P. Hespanha, Tarun Ghawana, Andrea Carneiro and Jaap Zevenbergen



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IDERA Bulletin No. 10 to Browse Online

Source: Maria del Huerto Mancilla

The Task Force and Corporate Communications Group "IDERA Diffusion" is pleased to announce the publication of the tenth edition of the Spatial Data Infrastructure of the Republic of Argentina (in Spanish IDERA) Bulletin with news intended for GIS and SDI users. The IDERA Newsletter aims at disseminating news and content of interest to SDI community in Argentina. It informs on GIS related topics, SDI, remote sensing and geospatial data management at the global, regional, national and local levels. Among the published articles, is included the 8th IDERA Conference to be held on November 7-8 this year in the city of San Carlos de Bariloche, Province of Rio Negro-Argentina; the IDERA Working Groups Meeting that took place on June 13-14 in the city of Mendoza; posting at the official IDERA website of a new WMS service monitoring tool; and updates on provincial SDI initiatives in Argentina. The Newsletter comprises a download section, and a geoeventos agenda. This tenth edition is available for [online browsing](#). You may also [download the newsletter](#) from the official IDERA website.



[UN-GGIM inventory of issues and geographic information standardization \(6 June 2013\)](#)

Source: Kate Lance

Prepared by ISO/TC 211, Geographic information/Geomatics, in cooperation with the Open Geospatial Consortium (OGC) and the International Hydrographic Organization (IHO)

Contributing authors: Gilles Bessero, Jean Brodeur, Serena Coetzee, Olaf Østensen, Anthony Pharaoh and Carl Reed. This report presents an analysis of standardization needs and currently available standards baselines from ISO/TC 211-Geographic information/Geomatics (ISO/TC 211), the Open Geospatial Consortium (OGC), and the International Hydrographic Organization (IHO). Standardization addresses multiple facets beginning with the definition of interoperability of geographic information. Then, topics such as fundamental data types for spatial and temporal information, conceptual modelling rules, semantics of real world phenomena, metadata, services, encoding, etc. are developed into standards to set the foundation and building blocks that enable interoperability of geographic information. The report provides recommendations regarding standards setting in the global geospatial community to the United Nations Committee of Experts on the United Nations initiative on Global Geospatial Information Management (UNCE GGIM) in support of its aims and objectives.

International Journal of Digital Earth: Free Access Articles

Source: Changlin Wang

To give you a taste of the content in International Journal of Digital Earth the Editors have highlighted a selection of significant articles to aid your research. [These articles have been made free](#) for you until the end of the year. Featured articles include:

[Digital Earth 2020: towards the vision for the next decade](#)

[Global characterization and monitoring of forest cover using Landsat data: opportunities and challenges](#)

[Sensors, empowerment, and accountability: a Digital Earth view from East Africa](#)

[A time series for monitoring vegetation activity and phenology at 10-daily time steps covering large parts of South America](#)

[Land cover mapping applications with MODIS: a literature review](#)



Free Access to Influential Articles Collection from *International Journal of Remote Sensing*

Source: Sally Day

This article collection has been so popular even more influential articles to the selection have been added. See more insightful articles from [International Journal of Remote Sensing](#). These papers reflect the most popular and most cited papers from across the community right now. Featured articles include:

[Google Earth as a virtual globe tool for Earth science applications at the global scale: progress and perspectives](#)

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[A global land-cover validation data set, part I: fundamental design principles](#)

[A global land-cover validation data set, II: augmenting a stratified sampling design to estimate accuracy by region and land-cover class](#)

Lessons for Latin America

Source: Anthony Flint, Lincoln



A new compilation of Land Lines articles from 2000 to 2012 translated into Spanish, [Urban Land Policy: International Perspectives for Latin America](#), provides a range of insights on critical land policy issues relevant to the region ([in Spanish](#)). The CD of 53 articles, a companion to the Lincoln Institute's previous compilation [Urban Perspectives: Critical Land Policy Themes in Latin America](#), includes research studies conducted outside Latin America but chosen - through direct consultation with associates in the region - for their potential to provide lessons based on similar experiences and to inspire local improvements and innovations in land policy analysis, design, implementation, and evaluation. Together they present a broad spectrum of original insights on critical themes in urban land policy and explore the opportunities and limits to the international transfer of ideas.

The Proceedings of the Fourth Session of the Global Platform for Disaster Risk Reduction

Source: UNISDR's Global Platform Team by way of Santiago Borrero



The United Nations Office for Disaster Risk Reduction (UNISDR) is pleased to announce that the proceedings of the Fourth Session of the Global Platform for Disaster Risk Reduction held 19-23 May 2013 in Geneva is now available online at the following address: <http://www.preventionweb.net/globalplatform/2013/news/view/34344>. The English version of the proceedings can be downloaded immediately. The translated versions in other UN languages (Arabic, Chinese, French, Russian and Spanish) and the printed publication will be available in early September 2013. For any further information about the proceedings, please contact Ms. Elena Dokhlik at globalplatform@un.org

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Geospatial Research, Applications, Software, Data

[UN-SPIDER Portal: New section with links to free data and products](#)

Source: UN-SPIDER Updates June 2013

Earth Observation data and data products provide crucial information for disaster risk management and emergency response. Many datasets are available free of charge and can be downloaded from the web. Others are available as free web-services. The UN-SPIDER team has compiled relevant data sources for you:

- [Hazard Specific Datasets](#) ([Hydro-Meteorological Hazards](#), [Geo-Hazards](#), [Fire](#), [Pollution](#), [Insects](#)),
- [Digital Elevation Models](#), and
- [Land Use and Land Cover Maps](#).

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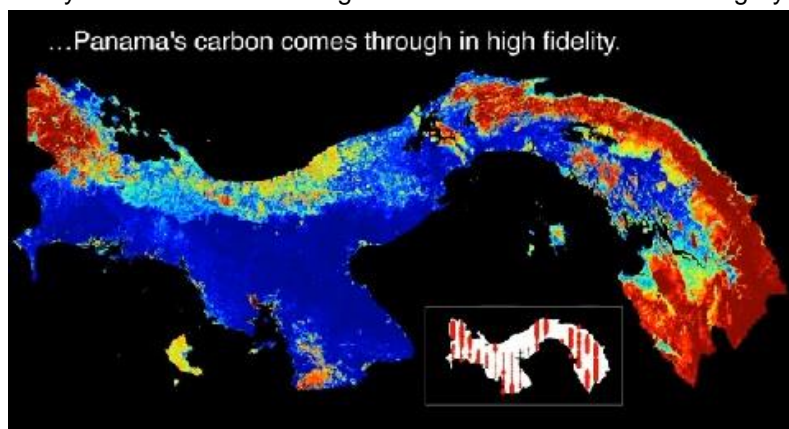
Further more you will find links to:

- [Satellite Data](#) and
- [Search Engines for Geospatial Data](#) (where you will also find graphical viewers to search geospatial data for different hazard types).

[Panama: First high-resolution national carbon map](#)

Source: Kate Lance

A team of researchers has for the first time mapped the above ground carbon density of an entire country in high fidelity. The researchers integrated field data with satellite imagery and high-resolution airborne LiDAR data to map the



vegetation and to quantify carbon stocks throughout the Republic of Panama. The results are the first maps that report carbon stocks locally in areas as small as a hectare (2.5 acres) and yet cover millions of hectares in a short time. The system has the lowest demonstrated uncertainty of any carbon-counting approach yet-a carbon estimation uncertainty of about 10% in each hectare overflown with LiDAR as compared to field-based estimates. Importantly, it can be used across a wide range of vegetation types worldwide. The new system, described in Carbon Balance and Management, will greatly boost conservation and efforts to mitigate climate change through carbon sequestration. It will also

inform our understanding of how carbon storage can be used to assess other fundamental ecosystem characteristics such as hydrology, habitat quality, and biodiversity.

[Ground-breaking Climate Risk Management Tool Launched in the Caribbean](#)

Source: Arturo Brun-Martinez



The Caribbean Climate Online Risk and Adaptation Tool (CCORAL), a web-based tool designed to help decision makers in the Caribbean integrate climate resilience into their decision-making and planning processes, has been launched in Saint Lucia. CCORAL was developed by the Caribbean Community Climate Change Centre (CCCC) and Acclimatise, based on a thorough consultation process involving significant input from across the region. Critical inputs have been provided by Government Ministries in the four CCORAL pilot countries (Barbados, Belize, Jamaica and Suriname), non-governmental and civil society organisations, business and financial services sectors, universities and research institutions, and development partners. The new online support tool is an important step towards increasing the climate resilience of the region. CCORAL is an online, open-source tool which can be accessed here: <http://ccoral.caribbeanclimate.bz/>. It guides users through several steps, helping them to quickly identify whether their activity is likely to be influenced by climate change and is a priority for further investigation, understand climate influence at each stage of their activity, and take action to increase climate resilience. Watch the CCORAL promo video here: http://www.youtube.com/watch?v=02V-a_TvC60 / <http://copeco.gob.hn/n/node/2219>

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Training and Funding Opportunities, Awards

OAS Scholarships Opportunities

Source: Eric van Praag



The Organization of American States (OAS), through its Department of Human Development, Education and Employment, is pleased to announce the following scholarship opportunities for higher education studies for citizens of the Americas. The application deadline varies depending on the program, and some of them are rapidly approaching. We invite you to apply as soon as possible and share this message with friends, colleagues and relatives that could be interested in these scholarship opportunities (www.oas.org/scholarships).

Scholarship Program CONACYT-OAS 2013: The OAS and Mexico offer 600 academic scholarships to citizens of the Americas, of which 100 will be earmarked for students from Central America and the Caribbean. For more information about the CONACYT-OAS Scholarship opportunities, please visit: <http://bit.ly/17zKGL7>

Visit the [Leo S. Rowe Pan American Fund](#) that helps citizens from Latin America and Caribbean [OAS Member States](#) finance their studies or research in accredited universities across the United States by awarding interest-free loans.

Master on Geographic Information Quality Evaluation and Management - 2nd Call

Source: Joaquin Segura Martin by way of Santiago Borrero

It has been organized the second edition of the Master on Geographic Information Quality Evaluation and Management, a degree program that that is structured into two parts:

2013-2014 Course: Diploma on Geographic Information Quality Evaluation (5th Edition)

2014-2015 Course: Diploma on Geographic Information Quality Management (2nd Edition)

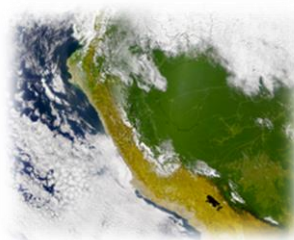
You may found detailed information at: <http://www.cartocalidad.com/>. The course is designed, in content and form, from demand of professionals, and delivery will take place online, relying on a virtual campus platform. Early registration ends **September 6**, 2013.



Peru: MINAM strengthens GIS capacity building at regional governments

Source: Kate Lance

The Ministry of the Environment (in Spanish MINAM) continues to train technicians and specialists from various local and regional governments to strengthen their capacity to manage the territorial planning process. This time, MINAM will train staff specialists of different regional governments in geographic information systems in a course held in several cities. The Macro regional courses to be performed in Lima, Cusco, Iquitos, and Chiclayo are extremely important, because they will strengthen knowledge for satellite



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image processing and geographic information management that will be available to regional and local governments, primarily for Territorial Planning. MINAM shall make satellite images of the national territory of the year 2011-2012 available to regional governments; these will enable analysis with greater precision. The Directorate General of Territorial Planning of the MINAM has prepared a set of materials on methods, including the Technical Guide to modeling for the integration of territorial information, a key tool that so far has not been applied; the guide will be developed with participation of different institutions involved in this topic. It is hoped that this guide will be completed in the coming months. Next macro-regional Course titled "Application of Geographic Information Systems and Remote Sensing on Geospatial Information Management and Territorial Management Processes" will be held on September 3-5 in Cusco.

New Online Course

Source: Anthony Flint

A new online course is now available in the [Online Education](#) section of the Lincoln Institute website, as part of a steady expansion of online course offerings. [Property Tax Reform: The Northern Ireland Experience](#) is conducted by Nigel D. Woods and Billy McCluskey of the University of Ulster.

Online education at the Lincoln Institute of Land Policy includes several other self-paced programs in tax policy, such as [Designing and Implementing Property Tax Systems in Africa](#), [Successful Property Tax Reform: The Case of Massachusetts](#), [Taxation and Economic Development](#), [The New Model of Tax Administration](#), [Two-Rate Taxation of Land and Buildings: Benefits and Challenges of Innovative Property Tax Reform](#), and [Valuing Land Affected by Conservation Easements](#).

Online instruction in planning, sustainability, and land conservation includes [Comprehensive Planning](#), [Introduction to New England Forests](#), [Local Communities Adapting to Climate Change](#), [Practical Ecology](#), [Property Rights in America](#), and [Resolving Land Use Disputes](#).

Several hourlong lectures are also available for viewing on a variety of topics, including these recently posted: [Education and Location](#), [On Tax Fairness and Folk Justice](#), and [Suburban Retrofit: Policies, Politics, and Designs](#).

gvSIG-Training Courses - New call

Source: gvSIG News Office

With New Platform Training, which includes a New WEB Portal (<http://www.gvsig-training.com>) and a New Virtual Classroom (<http://moodle.gvsig-training.com>), gvSIG announces beginning of the registration process to gvSIG Distance Courses-Training, the Second Course of 2013, which are part of gvSIG Association Certification Program. Additionally, next weeks will be new courses available related to geostatistics, Metadata, Flow gvSIG + HEC HMS, i3Geo, gvSIG Applied to Environment, gvSIG Applied to Wildlife Management, gvSIG in French, and more. By participating in any of these courses you get credit towards gvSIG certification program that allows you to apply for "gvSIG User" and "User gvSIG Expert" certifications (<http://www.gvsig.com/servicios/certificacion/certificacio>

n), while also contributing to gvSIG maintenance. All courses in gvsig-training platform can be hardenable to 100% for active workers in Spain through the Tripartite Foundation for Training in Employment. More information about this bonus in (http://pdfs.gvsig-training.com/Condiciones_Fundacion_Tripartita_ESP.pdf), or through the e-mail account: contacto@gvsig-training.com. For more information visit the platform log on to: <http://www.gvsig-training.com> or contact: inscripciones@gvsig-training.com or info@gvsig-training.com

The Caribbean Islands Biodiversity Hotspot Critical Ecosystem Partnership Fund (CEPF)

Source: Carole Martinez

The Caribbean Natural Resources Institute (CANARI), in its role as the Regional Implementation Team (RIT) for the Critical Ecosystem Partnership Fund (CEPF) in the Caribbean Islands Biodiversity Hotspot, announces the 2013 call for small and large grant proposals under the CEPF Caribbean Islands initiative. Deadline for Small Grant Proposals

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(US\$ 20,000 or less) and Large Grant Proposals (over US\$ 20,000) is **30 September** 2013. The CEPF will only support initiatives that fall within the scope of the strategic directions and investment priorities outlined in the Caribbean Islands Biodiversity Hotspot Ecosystem Profile. This document can be found on the CEPF website: http://www.cepf.net/where_we_work/regions/CaribbeanIslands/ecosystem_profile/Pages/default.aspx. It is critical that applicants review the Ecosystem Profile, and particularly the CEPF niche and investment strategy, to ensure alignment of their projects with the CEPF Caribbean strategy. Further details will be published in the Call for Proposals document available from the following web sites: www.cepf.net and www.canari.org. Information and assistance can currently be obtained from: Anna Cadiz, RIT Manager: anna@canari.org, Leida Buglass, RIT Country Coordinator in the Dominican Republic: leibuglass@gmail.com, Nicole Brown, RIT Country Coordinator in Jamaica: nabrown@btinternet.com and Paul Judex Edouarzin, RIT Country Coordinator in Haiti: pauljudex.edouarzin@gmail.com

Global Research Competition

Source: Ramona Angelescu Naqvi



The [Global Development Network](#) calls for Expressions of Interests (EOI) for its 2013 round of the [Global Research Competition](#). The competition is open to researchers from developing and transition countries interested in inter-regional/cross-country research collaboration.

Opportunities for Finalists and Winners:

1. Teams with most innovative and interesting Expressions of Interest will participate in a two-day global workshop and receive technical assistance from world renowned experts before submitting their final proposals.
2. Winning teams will be entitled to a grant of up to US\$ 32,000.
3. Winning research teams will also benefit from intensive mentoring throughout the grant performance period, from inception to completion.
4. Winners will be chosen by an eminent steering committee.

Competition Themes: 1) Inclusive and Sustainable Growth; 2) Food Security; 3) Political, Economic and Social Transformations. Please Note the deadline for proposals is **20 September**, 2013. For more information and to apply, please visit www.gdn.int/grc. For queries, please write to us at grc@gdn.int

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Employment Opportunities

Vacancy Announcements at FAO Forestry Department

Source: Forest Policy Info Mailing List



Below you may find Vacancy Announcements at FAO Forestry Department, to potentially interested candidates. Please take due note of deadlines for submissions.

- 1) Forestry Officer (Food Security): <http://www.fao.org/employment/current-vacancies/professional/en/>
- 2) Forestry Officer (Agroforestry and Urban/Peri-urban Forestry): http://www.fao.org/fileadmin/user_upload/VA/pdf/IRC2365e.pdf
- 3) Forestry Officer (Forest Genetic Resources and Biodiversity): http://www.fao.org/fileadmin/user_upload/VA/pdf/IRC2367e.pdf

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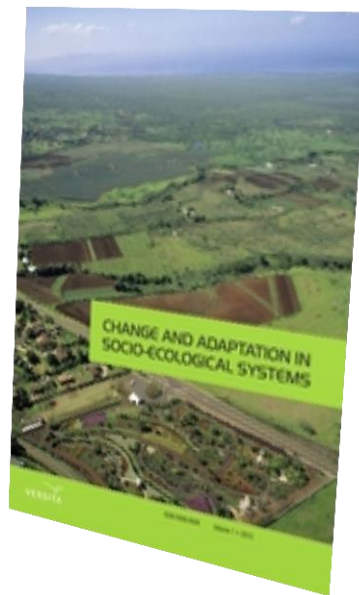
Other

[Announcing a new journal, Change and Adaptation in Socio-Ecological Systems \(CASES\)](#)

Source: Darla K. Munroe

The interrelations of human beings with ecosystems experience rising importance in sustainable land use planning and lead to the concept of socio-ecological system. Socio-Ecological Systems (SES) include both, a bio-geophysical component and the related local to regional actors. Their system boundaries depend on the problem context and can be either determined by environmental parameters or socio-cultural factors. SES experience constant change and adaptation processes related to utilization, management, policy, ecological, and external influences. The scope of CASES is to publish original papers, review and synthesis papers, and short communications, and research letters addressing an interdisciplinary point of view on change and adaptation of socio-ecological systems from management unit level to policy level. Thematically, CASES aims to address all studies that have a focus on the impact of global change and climate change, on functioning or services of socio-ecological systems and related human-environment interactions, on understanding, monitoring and proposing innovative approaches, tools and technologies to adapt and bring forward system management and development. Our range of topics includes studies related to agriculture, forestry, and their interactions, water management, urban systems and rural-urban interface. Focus is laid on highly integrative studies, but also welcome contributions enhancing innovative aspects within one of these areas as long as they address

one or more of the following cross-cutting issues: (a) management of the ecological integrity and ecosystem functioning on local, regional to supra-regional scale, (b) adaptive system management under external pressures such as climate or societal changes, land-use change, and urbanization processes / development of megacities, (c) socio-economic and political issues such as regional economy, change management, management support, (d) provision of functions, goods and services, sustainable processing of natural resources and regional value clusters, and (e) innovative models and technologies in SES development planning support, stakeholder involvement and participatory processes.



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Americas: Conferences, SDI Events

[Geointelligence Latin America: Geointelligence for Defence and Homeland Security](#)

Source: Santiago Borrero



Geointelligence Latin America will be held on September 12-13 in Rio de Janeiro, Brazil, in conjunction with the Latin America Geospatial Forum, and the 4th Geoprocessing Brazilian Congress. Organized in partnership with The Board of Geographic Service (DSG) Brazilian Armed Forces (EB), Geointelligence Latin America will bring together panel of world-class speaker to share leading-edge insights across a host of key issues related to defense and

security. With its technology-centric focus, the discussions at Geointelligence Latin America will offer a unique opportunity for keeping up to date with the latest emerging trends. Drawing in over 200 senior decision-makers and senior industry executives, the forum will be a perfect environment for networking with peers and making the most of your participation.

[IGAC: 2013 International Geomatic Week](#)

Source: <http://www.un-spider.org/>
On 30 September 2013, UN-SPIDER's Regional Support Office in Colombia, IGAC, will kick off the "Geomatic Week 2013" in Bogota, Colombia. The event aims at promoting academic and



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technological advances leading to the development of technologies, methodologies and applications in the field of Geomatics. International Geomatic Week 2013 will particularly look at geospatial technologies and management of the territory, developed through Geographic Information Systems (GIS), Remote Sensing, Global Positioning Systems (GPS) and Digital Mapping - decisive frameworks for using satellite data for development planning. Between September 30 and October 4, 2013, a selected group of local and international experts will exchange experiences and knowledge aimed at studying the evolution of Geomatics in conceptual aspects, methodological, technological and applications, highlighting their contribution to the sustainable development of nations. For more information please contact: semanageomatica2013@igac.gov.co

5th Conference on Latin America and Caribbean gvSIG

Source: María del Huerto Mancilla

It's open the enrollment period for the 5th Conference of Latin American and Caribbean gvSIG (<http://www.gvsig.org/web/community/events/jornadas-lac/2013/>), to be held from 23 to 25 October 2013 in Buenos Aires (Argentina), under the theme "Knowledge gives freedom." Registration is free (limited) and has to be done through the form found on the website of the conference

(<http://www.gvsig.org/web/community/events/jornadas-lac/2013/Inscripcion/form>). Immediately following the registration you will receive an e-mail with a confirmation code. This code can then be used to query and update the registration information. Moreover, the deadline for receipt of proposals for papers to the conference remains open until **September 6**. The rules are available on the web section "Communications" (<http://www.gvsig.org/web/community/events/jornadas-lac/2013/Comunicaciones>).

SIRGAS 2013 Meeting: Panama City, October 24 - 26, 2013

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



Thanks to a kind invitation of the National Geographic Institute "Tommy Guardia" (IGNTG), the SIRGAS 2013 Meeting will be held in Panama City, Panama, from October 24 to 26, 2013. The main objectives in this year are to report the recent SIRGAS achievements, to evaluate the on-going activities, and to define new actions oriented to take part in the geodetic issues discussed in a global frame. Oral and poster presentations on improvements and maintenance of the SIRGAS reference frame, Earth modelling based on the SIRGAS infrastructure, real time applications in SIRGAS, towards an unified SIRGAS vertical reference system, practical developments for the adoption of SIRGAS at sub-regional and national levels as well as national reports summarizing the most important SIRGAS activities carried out in the member countries during the last year are very welcome. On the occasion of the 20th anniversary of SIRGAS (1993-2013), a session dedicated to the original ideas of its establishment and development is also planned. [For more details please click here.](#)

Fourth Session of the Regional Platform for Disaster Risk Reduction in the Americas 2014

Source : Ricardo Mena by way of Santiago Borrero



The United Nations Office for Disaster Risk Reduction, UNISDR, is pleased to announce that the Fourth Session of the Regional Platform for Disaster Risk Reduction in the Americas (PR14), will take place on May 27-29, 2014 in the city of Guayaquil, Ecuador. The quintessential recognized multisectoral forum that brings together key stakeholders in disaster risk reduction and resilience building across the continent, is a participatory and knowledge sharing scenario that promotes planning, monitoring, and collective and strategic decision-making, as well as actions for the progress in the implementation of the Hyogo Framework for Action (HFA 2005-2015), linking regional, national and local efforts. Thanks to the support of the Republic of Ecuador through the Department of Risk Management and the Ministry of Foreign Affairs, and the support of the Advisory Board of the PR14 it is hoped to overcome the more than 400 participants from 37 countries present at the last meeting who may share achievements, commitments and proposals on reducing disaster risk and building

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resilience. Both public and private sectors at regional, national and local levels; international organizations; intergovernmental, non- governmental and community organizations; scientific and academic institutions; donors and media; are cordially invited to book their schedules and actively participate in the various activities planned for the PR14. In the coming weeks logistical details will be available. UNISDR portal - Americas www.eird.org

[6th ACM SIGSPATIAL International Workshop on Computational Transportation Science - Call For Papers](#)

Source: Santiago Borrero



The 6th International Workshop on Computational Transportation Science (<http://www.ctscience.org>) will be held on November 5, 2013, in Orlando, FL, USA in conjunction with the [21st ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems \(ACM SIGSPATIAL GIS 2013\) November 5-8 2013 - Orlando, FL, USA](#). It intends to

bring together communities interested in the computation, knowledge discovery and technology policy aspects of surface transportation systems. The organizers of IWCTS welcomes papers from researchers in computer science, transportation science, urban and regional planning, civil engineering, geography, geoinformatics, computer vision and related disciplines to submit papers for consideration for presentation and discussion at the one-day workshop and for publication in the conference proceedings. Authors should prepare an Adobe Acrobat PDF version of their full paper. Papers must be in English and not exceed 6 pages double column in ACM SIG format (US Letter size, 8.5 x 11 inches, <http://www.acm.org/sigs/publications/proceedings-templates>) including text, figures and references. Each submission should start with: the title, abstract, and names, contact information of authors, type of the submission (research paper or position paper). To submit a paper, please visit <https://www.easychair.org/conferences/?conf=iwcts13>. Accepted papers will be published in the ACM digital library. Authors of accepted papers must guarantee that their paper will be presented at the workshop. Paper submissions due: **September 10th**, 2013

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YEAR 2013

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SEPTEMBER 2013

| | | |
|-----------------------|--------------------------|---|
| Sep. 2 – Nov.25 | Turrialba, Costa Rica | E-Learning: Land use planning at the municipal level |
| 3-6 | Lima, Peru | First International Climate School ACTION / UNESCO on "Climate Variability and Change in the Andes" |
| 4-6 | México City, México | SIGSA/ESRI Users National Meeting 2013 |
| 7-10 | Cambridge MA, USA | International Map Industry Association (IMIA) Americas Annual Meeting and Member Showcase |
| 8-10 | Boston MA, USA | Map Conference |
| 8-10 | Cambridge MA, USA | IMIA (Americas) 2013 Global Conference and Member Showcase |
| 8-11 | Daytona Beach FL, USA | Lucity Annual Conference and Training (ACT) 2013 |
| 9-13 | Turrialba, Costa Rica | International Course of Forest Inventory Analysis Data |
| 9-13 | Ciudad de México, México | 15th Humboldt International Meeting "Geography and Crisis" |
| 11-13 | Rio de Janeiro, Brazil | Latin America Geospatial Forum 2013 |
| 11-13 | Columbus OH, USA | The 2013 Ohio GIS Conference |
| 12-13 | Rio de Janeiro, Brazil | GeoIntelligence Latin America: Geointelligence for Defence and Homeland Security |
| *NEW* 16-17 | Buenos Aires, Argentina | 2nd UNI-COM Latin American Congress: Quality of Life in Latin America and the Caribbean |
| 16-17 | Orlando FL, USA | 7th Annual Central Florida GIS Workshop |
| 16-17 | Williamsburg VA, USA | 2013 Virginia GIS Conference |
| 16-17 | Canonsburg PA, USA | EnerGIS 2013 |
| 16-19 | Providence RI, USA | GIS-Pro 2013: URISA's 51st Annual Conference for GIS Professionals |

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| 16-20 | Nashville TN, USA | ION GNSS+ 2013 |
| 16-20 | La Havana, Cuba | Mesoamerican Society for Biology and Conservation Congress |
| 16-27 | Turrialba, Costa Rica | International Course: Using the SWAT Model as a tool for Watershed Management |
| 17-20 | La Plata, Argentina | 7th Argentine Congress on Hydrogeology and 6th Hispano-Latin American Seminar on current topics in Groundwater Hydrology |
| 18 *NEW* | Nueva York NY, USA | Leaders Summit 2013 Corporate management of water and sustainable development agenda post-2015 |
| 22-26 | San Francisco CA, USA | Oracle OpenWorld 2013 |
| 23-25 | Saint John, New Brunswick, Canada | Geomatics Atlantic 2013 |
| 23-25 | Edmonton Alberta, Canada | Ga3 (GeoAlberta 2013) - Geospatial -anywhere, anytime for anyone |
| 23-27 | Iguazú, Provincia de Misiones, Argentina | 4th Argentinean Forestry Congress and Latin-American Iguazú 2013 |
| 24-26 | Atlanta GA, USA | Field Service East 2013 |
| 24-27 *NEW* | Lima, Perú | 28th World Congress on Organizational Development, Permanent Change Organizations |
| 24-27 *NEW* | Guadalajara, México | International Conference on Biology, Chemistry and Agronomy "Innovation for Sustainable Development" |
| 25-26 *NEW* | Quito, Ecuador | Latin American Meeting on Digital Cities |
| 25-27 | Manizales, Colombia | 2nd Colombian Bioinformatics Computational Biology Congress (CCBCOL) |
| 25-28 | Lake Tahoe CA, USA | AAG Pacific Coast Division Fall Regional Meeting |
| 25-28 | Prescott AZ, USA | AGIC Education and Training Symposium |
| Sep.30-Oct.4 | Turrialba, Costa Rica | Climate-smart Territories at the tropic. Information: conferenciawallace@catie.ac.cr |
| Sep.30-Oct.4 | Bogotá D.C, Colombia | International Geomatic Week 2013 |
| Sep.30-Oct.3 | Orlando, Florida | Algae Biomass Summit |

OCTOBER 2013

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| 1-4 | Manizales Caldas, Colombia | EIISI 2013 4 th 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 |
| 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 |
| 4-5 | Entre Ríos-Concordia, Argentina | 26th Foresting 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 |
| 10-11 *NEW* | 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 |
| 16-18 | Santiago, Chile | GENERA Latinoamérica 2013 |
| 16-18 | Lima, Peru | Esri Latin America User Conference |

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| 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 |
| 21-22 | Orlando FL, USA | Analytics 2013 |
| *NEW* | | |
| 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 10th Cuyanas Workings day The complexity, permanent attribute of geography science |
| 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) |
| 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 | Caracas - Venezuela | 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

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| *NEW* | | |
| 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 |
| 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 |

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| 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 |
| *NEW* 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, Colombia | IGAC Announces a Basic GIS Course |
| *NEW* 19-20 | Tallahassee, FL USA. | 2013 SHRUG GIS Work Shop |
| 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 |
| Nov.25 – Dec.6 | Turrialba, Costa Rica | International Course: Comprehensive Management of Irrigation: Resilience to natural hazards geological and climatic |

DECEMBER 2013

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| *NEW* 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

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JANUARY 2014

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| 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

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| *NEW* 9-13 | La Jolla CA., USA | MAPPS Winter Conference |
| *NEW* 17-19 | Denver CO, USA | International LiDAR Mapping Forum [ILMF] Conference |
| *NEW* 24-27 | Jacksonville FL, USA | 18th Annual GIS/CAMA Technologies Conference |

MARCH 2014

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

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APRIL 2014

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

MAY 2014

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| 7-9 | Sao Paulo, Brazil | MundoGEO#Connect 2014 |
| 7-9 *NEW* | 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 *NEW* | Guayaquil, Ecuador | Fourth Disaster Risk Reduction Session of the Regional Platform for the Americas 2014 |

OCTOBER 2014

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

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