

Spatial Data Infrastructure – Asia and the Pacific (SDI-AP) is a free electronic newsletter from the [Global Spatial Data Infrastructure Association \(GSDI\)](#) which is available in both English and Chinese language versions. The newsletter is produced for people interested in Spatial Data Infrastructure, GIS, remote sensing and geospatial data issues in Asia and the Pacific. It aims to raise awareness and provide useful information to strengthen SDI initiatives and support synchronising these activities across the region. Support for the newsletter is also provided by the [Permanent Committee on Geographic Information for Asia and the Pacific \(PCGIAP\)](#), a regional forum to enhance cooperation in the development of a regional geographic information infrastructure. The newsletter is currently being produced for GSDI by the [Centre for Spatial Data Infrastructures and Land Administration](#) at the University of Melbourne.



Back issues of the newsletter are at the [GSDI website](#).

You can also sign up for [GSDI News List](#) to receive alerts of special news and announcements. To subscribe and access archives of thematic or regional discussion lists [please visit](#).

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LAST Message from the editors



Welcome to the April (& last) issue of the newsletter. This issue is the final issue of the Asia-Pacific newsletter with the GSDI introducing a single web-based newsletter which will be published continuously rather than each regional newsletter published monthly in PDF format. The editors wish to thank our readers and contributors. We hope to bring readers further information regarding the distribution of the new single web-based newsletter in this final issue.



If you have news or information related to SDI, GIS, RS or spatial data that you would like to share with the community (e.g. workshop announcements, publications, reports, websites of interest etc.), kindly contact [Roger Longhorn](#) or [Kate Lance](#).



Goodnight and Good Luck, and thanks for all the fish from Malcolm Park and Serryn Eagleson ([Editors](#)), at the [Centre for Spatial Data Infrastructures and Land Administration](#), The University of Melbourne.



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Contributions

Thank you to the following people and organisations for their contributions to this issue: Baek Wonkug for news feeds, Sean Lin and colleagues for the Chinese translation as well as Shivani Lal, *GIS Development*, *GeoSpatial World* and *Asia Surveying & Mapping* magazine for directly contributing to the newsletter.

GSDI News

International Geospatial Society (IGS) Free Memberships

At its recent meeting, the GSDI Board of Directors passed a motion that allows individuals in low and very low income nations to join the International Geospatial Society (IGS) by providing specific information of value to the global community in lieu of annual cash dues. To join, simply add your professional profile to the growing interconnected network of geospatial specialists across the globe. Benefits of membership in IGS are listed at <http://www.igeoss.org/benefits>. For further information, contact [Harlan Onsrud](#), Executive Director, GSDI Association.

[GSDI and IGS Global News, Volume 4 Number 2 for 2014 \(March 2014\) \(PDF\)](#)

Outreach, Membership & Membership Committee

Committee vice-Chair, Roger Longhorn has joined the International Hydrographic Organization (IHO) Marine SDI Working Group (MSDIWG) and attended the Marine SDI Open Forum meeting in Copenhagen (remotely!) and the following two-day workshop of the MSDIWG, hosted by the Danish Hydrographic Service. The MSDIWG, which has existed since 2009, is setting its new workplan for 2013-2014 and is interested in developing a stronger relationship with non-marine SDI development initiatives at national, regional and global levels. Longhorn will explore this with the GSDI Board and Executive Committee at the next opportunity. The Outreach & Membership Committee also manages the GSDI Group on LinkedIn, which has added seven new members in the past month, for a total of 229 members today. If you are not already a member of this group, please join today – and tell your friends! Visit <http://www.linkedin.com> to join, then find GSDI in the 'Groups' option, to join the group.

Technical Committee

Technical Committee Chair, Eric van Praag, Regional Coordinator, GeoSUR Program of the Latin American Development Bank (CAF), along with USGS, has nominated the GeoSUR Topographic Processing Service (TPS), built with ESRI's AG Server 10.1, for the AAG Stanley Brunn Award for Creativity in Geography. See more news later in this issue.

The Technical Committee is also responsible for updating of the GSDI SDI Cookbook, a wiki maintained at: http://www.gsdi-docs.org/GSDIWiki/index.php/Main_Page.

GSDI Member organisations, members of the GSDI Association Committees, Council and Board, and IGS members are involved in the many other regional and global initiatives on an on-going basis:

- [Digital Earth](#) (International Society for Digital Earth).
- [Eye on Earth](#).
- [Group on Earth Observations \(GEO\) / Global Earth Observation System of Systems \(GEOSS\)](#).
- [EuroGEOSS](#) – GEOSS Project funded by the European Union.
- [INSPIRE](#) – Infrastructure for Spatial Information in the European Community.
- [International Hydrographic Organisation](#) – Marine SDI Working Group.
- [UNESCO IOC](#) – Marine/Coastal Spatial Data Infrastructure development.
- [UNSD \(Statistics Division\) – UN-GGIM \(UN Global Geospatial Information Management\)](#).
- [UNGIWG](#) (UN GI Working Group).
- [UNESCO IOC](#) – Marine/Coastal Spatial Data Infrastructure development.
- [UNSDI – UN-GGIM](#) (UN Global Geospatial Information Management).
- [UNSDI – UNGIWG](#) (UN GI Working Group).

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SDI News, Links, Papers, Presentations

[Ukraine: SDI Training Program, transfer of Canadian experience](#)

The Partners for Development Program of the [Department of Foreign Affairs, Trade and Development Canada](#) (DFATD) funds selected Canadian universities working on international development projects. Vancouver Island University (VIU) and its partners, the Taras Shevchenko National University of Kyiv (NUK), and the National Technical University of Ukraine "Kyiv Polytechnic Institute" (KPI) proposed developing and delivering an educational program to the Ukrainian civil service to support that country's development of a National Spatial Data Infrastructure (NSDI). The proposal was successful in gaining funding, and in November of 2012, the project *Laying the Foundation for a Spatial Data Infrastructure: Building Capacity within the Ukrainian Government to Support Sustainable Economic Growth* (Ukrainian SDI Training Program) began.

The goal of the the Ukrainian SDI Training Program is to encourage the adoption of SDI by developing a locally administered training program with highly qualified Ukrainian instructors providing instruction to 100 trainees from the Ukrainian Civil Service. Six critically important SDI courses will be adapted to the Ukrainian context, translated into Ukrainian, and delivered both to Ukrainian trainers in Canada for one month between April and June 2014 (using a train-the-trainer model), and later in Ukraine, to Ukrainian civil servants who are responsible for the implementation of the NSDI. The project will continue through March, 2018. At the end of this project, the local trainers will be able to continue with SDI training activities, ensuring that the momentum developed during this project can continue indefinitely.

[Destination Spatial Matchmaker portal - a way for students, employers and educators to link up](#)

Destination Spatial is a free service provided by the spatial information industry and is committed to providing future geospatial professionals with opportunities and resources to gain valuable professional experience.

The Matchmaker portal helps to bring together secondary schools, colleges and universities, students and employer organisations in the spatial information industry for work placement opportunities including work experience, scholarships and cadetships, internships, full-time, part-time and casual employment.

It is our goal to make the Matchmaker portal a gateway for geospatial students, whether school, college, university or postgraduate to gain valuable hands-on experience through practical work assignments with professional spatial employers.

The Matchmaker portal also provides spatial employers with a resource through which to source the assistance of highly qualified students specialised in various spatial fields.

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GIS Tools, Software, Data

[Vietnam: Building climate change database for Danang City](#)

With the purpose to build climate change database, update and promote research publications from activities, Vietnam's Climate Change Coordination Office (CCCO) is systematizing and managing the city's basic data about climate change by sector and timeline. This is conducted through constructing the framework and data collection, in order to improve the coordination and gradual integration of climate change factors into every industry and sector, and to strengthen resources for collection of climate change data and for communication of the city's climate change response activities.

The expected outcome is to establish a data framework that has been codified and formatted (according to data, text, graphics, images ...) about the city's climate change compiled from existing research, available data of CCCO and relevant departments; to formulate regulations to collect, update, manage and use data on climate change; submitting to the People's Committee for approval. At the same time, CCCO can use climate change data to the construct and develop thematic reports to evaluate the impacts of climate change on relevant sectors.

It is expected that the framework will include groups of meteorological data, hydrological data, administrative population data, data on social groups, health care, education and economy, ecosystem data, data on natural disasters and damages, and finally aggregated data from studies and investigation of projects related to climate change in the city. The criteria for data group will be based on Decision No. 43/2010/QĐ-TTg dated June 2nd, 2010 system promulgating the national statistical indicators, and Decision No. 2157/QĐ TTg dated November 11, 2013 by the Prime Minister on promulgation of the monitoring indicators and evaluation of sustainable local development from 2013 to 2020 based on the relevant criteria to climate change by announced by the World

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Bank and ADB.

Within the framework of this activity, CCCO has organized a meeting with the Danang Statistical office, Department of Natural Resources and Environment, Department of Agriculture and Rural Development, Department of Trade and Industry for consultation and exchange of database framework, data sources, gathering capabilities and range of data, management options, and appropriate storage and use of data. It is expected that CCCO will hold a consultation workshop on the database framework in March to conduct timely data collection in May. At the same time, regulations to collect, update, manage and use data on climate change will be submitted to the city People's Committee in May 2014.

[Google Project Tango – A smartphone that can map its surroundings in 3D](#)

What is Tango exactly?? From Google... Our current prototype is a 5" phone containing customized hardware and software designed to track the full 3D motion of the device, while simultaneously creating a map of the environment. These sensors allow the phone to make over a quarter million 3D measurements every second, updating its position and orientation in real-time, combining that data into a single 3D model of the space around you. It runs Android and includes development APIs to provide position, orientation, and depth data to standard Android applications written in Java, C/C++, as well as the Unity Game Engine. These early prototypes, algorithms, and APIs are still in active development. So, these experimental devices are intended only for the adventurous and are not a final shipping product.

Source: AnyGeoser blog (including link to video)

[New Zealand: 3D models released for Christchurch city](#)

The recent release of a new set of 3D models of central Christchurch – as part of the Canterbury Spatial Data Infrastructure (SDI) Programme led by Land Information New Zealand (LINZ) – means it will now be much easier to visualise the inner city as it was before September 2010.

The release is facilitated by 3D Enabled Cities – one of eight projects in the Canterbury SDI Programme that began in 2013 to support the recovery effort by enabling improved sharing of location-based information between government agencies and the private sector.

Released under an open license, the models are available to anyone at no cost – the first time a 3D model set this extensive and accurate has been freely available in New Zealand.

[InAWARE System Boosts Disaster Risk Reduction in Indonesia](#)

An advanced hazard early warning and monitoring system, named InAWARE, was recently deployed at Indonesia's national disaster management agency ([Badan Nasional Penanggulangan Bencana](#), or BNPB). InAWARE is based on the [Pacific Disaster Center's](#) (PDC) DisasterAWARE platform and will enhance BNPB's disaster management capabilities by consolidating hazard information and alerts from various national and international sources, as well as facilitating information sharing within and between Indonesia's national and provincial disaster management stakeholder agencies

The three-year project is funded by the [United States Agency for International Development](#) (USAID) [Office of Foreign Disaster Assistance](#) (OFDA). It supports the Government of Indonesia's goals of reducing disaster risk and increasing disaster resilience, thereby safeguarding the lives and property of its people.

The installation of InAWARE took place in Jakarta in early January, and the first InAWARE user training session was conducted on January 29 and 30. The two-day course was designed to increase proficiency and build capacity for effective utilization of the application by national decision makers and disaster management practitioners, and to begin developing the knowledge and skills needed to incorporate the system into daily emergency operations in Indonesia.

The training was received by two key operational units within BNPB: the Emergency Operations Center (PUSDALOPS) and the Center for Data, Information, and Public Relations (PUSDATINMAS). Development of a cadre of certified InAWARE trainers via "Train-the-Trainer" sessions-as well as training for provincial disaster mitigation agency (Badan Penanggulangan Bencana Daerah, or BPBD) officials in selected provinces-is planned during upcoming phases of the project.

Source: Pacific Disaster Centre news release

News from abroad

"This section has been included to highlight some of the developments happening outside the region which demonstrate SDI in action.

[US: Announcing the availability of Geoplatform.gov / Data.gov catalog service for the Web](#)

The Geospatial Platform team is pleased to announce the availability of an open standards compliant catalog service API supporting Geoplatform.gov and Data.gov. Supporting the Open Geospatial Consortium (OGC) Catalog Service for the Web (CSW) it provides an interface for query and presentation of results regarding data, services, and applications registered with the Geospatial Platform and [data.gov](#). Any client supporting CSW (desktop GIS, Web application, client library, etc.) can integrate the new Geoplatform.gov / Data.gov CSW endpoints.

The CSW endpoints support the OGC CSW 2.0.2 standard as well as the ISO Metadata Application 1.0.0 Profile. The response is transmitted as XML conforming to the ISO or Dublin Core metadata schemas. Brief, Summary, and Full responses can be requested, delivering different amounts of information to the requestor based on these common standards. API documentation is available under Resources on the Geoplatform.gov site.

[Crimea Is Causing a Minor Crisis for Cartographers](#)

The Russian annexation of Crimea puts cartographers worldwide in a bit of a pickle: how do maps refer to disputed territories? There are no clear rules devoted to the issue, and so each mapmaker is left to decide for themselves.

Online mapping tools from Google and Bing, as well as Mapquest, [all list Crimea as a part of Ukraine](#). Wikipedia's community is [embroiled in a fierce debate](#) over whether or not to recognize Russia's annexation of the region.

National Geographic still has not yet reached a decision on the matter, and is waiting for annexation to be formally approved. They said in a [statement](#):

Most political boundaries depicted in our maps and atlases are stable and uncontested. Those that are disputed receive special treatment and are shaded gray as "Areas of Special Status," with accompanying explanatory text.

In the case of Crimea, if it is formally annexed by Russia, it would be shaded gray and its administrative center, Simferopol', would be designated by a special symbol. When a region is contested, it is our policy to reflect that status in our maps. This does not suggest recognition of the legitimacy of the situation.

Rand McNally, on the other hand, takes its mapping data [from the State Department](#), and so will leave its data as it currently stands. It could be a long time before the U.S. formally recognizes Russia's takeover.

Source: The Wire

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Articles

[Uptake and barriers to the use of geospatial technologies in forest management](#) by [Justin Morgenroth](#) and Rien Visse, *New Zealand Journal of Forestry Science* 2013, **43**:16 doi:10.1186/1179-5395-43-16

Abstract

Background: A survey was conducted to assess the uptake, and barriers to use, of geospatial tools and technologies amongst New Zealand's plantation forestry sector.

Methods: Responses were received from 17 companies representing 63% of New Zealand's plantation forest by area. A wide range of company sizes were surveyed (net stocked areas ranged from 4,000 – 200,000 hectares), and 7 of the 17 have international operations.

Results: Survey results suggest that freely available topography, climate, and soil datasets have limited utility, as forest management at the operational level requires higher resolution, remotely sensed data. The most common supplemental data are aerial photography or satellite imagery. High spatial resolution was more highly valued by respondents than spectral diversity (i.e. number of channels); only six companies regularly use imagery containing an infrared band. LiDAR data has been used regularly by only three New Zealand forestry companies, while another six have tried it, suggesting it is an emerging technology in New Zealand. The use of

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generic GIS software was common amongst all respondents (14 use the ESRI product ArcGIS, three use MapInfo produced by Pitney Bowes). The utility of ArcGIS, in particular, was enhanced by locally developed extensions designed to address specific operational tasks performed regularly by New Zealand's forestry companies.

Conclusions: While it is clear that geospatial data and tools are generally adopted by New Zealand's forest industry, cost-related barriers prevent their widespread adoption. Interestingly, a lack of staff knowledge was also conceded an impediment to uptake, alluding to the importance of tertiary education in the geospatial sciences and continuing education for practitioners.

Keywords: Aerial laser scanning; Aerial photography; GPS; GIS; LiDAR; Remote sensing; Satellite imagery; Survey

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Books and Journals (including Videos and Web publications)

[FGDC ISO Geospatial Metadata Implementation Forum](#)

The Federal Geographic Data Committee is organizing a monthly webinar information series in 2014 for the presentation and discussion of ISO implementation shared experiences, strategies, topics, and resources. NSDI Stakeholders from different sectors will lead a one hour presentation the second Wednesday of each month, from 3:00-4:30 PM (Eastern time), followed by a 30 minute guided discussion. These webinar are to alternate with the Metadata Working Group Quarterly Meetings held at 3 PM (Eastern USA time) on the second Wednesday of March, June, September and December.

The presentation slides and related resources will be added to FGDC's website following each presentation.

The schedule and tentative presentation topics are listed below. If you are interested in presenting, please contact [Jennifer Carlino](#), Acting FGDC Metadata Coordinator.

Tentative Presentation Topics:

January 8, 2014 - 3:00 PM (E)

Introduction to the Forum: [Why Implement ISO Metadata?](#)

Federal directives that support implementation and new features/capabilities that the standards provide

Webinar materials: Webinar presentation slides with notes and summary of discussion (PDF)

February 12, 2014 - 3:00 PM (E)

Why We Implemented ISO Metadata

Implementers discuss their reasons for implementing the new standard and the benefits/challenges of their experience

March 12, 2014 - 3:00 PM (E)

FGDC Metadata Working Group Quarterly Meeting

April 9, 2014 - 3:00 PM (E)

ISO Metadata Implementation Tools – Community Resources

Overview of the ISO Metadata Editor Review, GeoPlatform and other community tools

May 14, 2014 - 3:00 PM (E)

ISO Metadata Implementation Tools – Commercial Resources

Overview of the ESRI Metadata Editor, XML Spy and other commercial tools

June 11, 2014 - 3:00 PM (E)

FGDC Metadata Working Group Quarterly Meeting

July 9, 2014 - 3:00 PM (E)

ISO Metadata Implementation Model Workflow

Overview of the Model Workflow and its application to data management organizations

August 13, 2014 - 3:00 PM (E)

ISO Metadata Implementation Model Workflow Experience

Implementers discuss their implementation experience, the workflow components that were most significant and resources they developed to support implementation

September 10, 2014 - 3:00 PM (E)

FGDC Metadata Working Group Quarterly Meeting

October 8, 2014 - 3:00 PM (E)

TBD – based on community input (see potential topics below)

November 12, 2014 - 3:00 PM (E)

TBD – based on community input (see potential topics below)

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December 10, 2014 - 3:00 PM (E)
FGDC Metadata Working Group Quarterly Meeting

CALL for PAPERS: Geospatial Semantic Array Programming [Website](#)

The following Special Issue will be published in [Future Internet](#) (ISSN 1999-5903), and is now open to receive submissions of full research papers and comprehensive review articles for peer-review and possible publication:

Special Issue: Semantic Geographic Information System (Semantic GIS)

Guest Editors: [Dr. Salvatore Flavio Pileggi](#) and [Prof. Dr. Robert Amor](#)

Deadline for manuscript submissions: 15 June 2014

Summary

The progressive consolidation of Information Technologies on a large scale has been facilitating and progressively increasing the production, collection, and diffusion of geographic data, as well as facilitating the integration of a large amount of information into Geographic Information Systems (GIS). Traditional GIS is emerging as a consolidated information infrastructure. This consolidated infrastructure is affecting more and more aspects of Internet Computing and Services. Most popular systems (such as Social Networks, GPS, and Decision Support Systems) involve complex GIS and important amounts of information. The scale and the complexity of the information on the Internet has led researchers to design the next version of the network (known as the Semantic Web) according to a challenging model: the model assumes that published data will be integrated with its "meaning" (i.e., semantic description). Such integration would potentially allow for the processing of contextual information by machines in a context of interoperability and unambiguity. Semantic processes on the Internet are not limited to data, but can also involve web services. Indeed, Semantic Web Services extend the common web service concept by using semantic descriptors (e.g., those regarding modeling, service behavior, and capacity) to perform dynamic tasks, which involve the discovery, matchmaking, and execution of services that are supplied by different providers scattered throughout the global network. As a web service, GIS is affected by exactly the same problems that affect the web as a whole. Reasonably, next generation GIS solutions have to address further methodological and data engineering challenges in order to accommodate new applications & extended requirements (in terms of scale, interoperability, and complexity). The conceptual and semantic modeling of GIS, as well as the integration of semantics into current GIS, may provide highly capable environments (i.e., Semantic GIS) that are capable of capturing the needs and requirements of a wide domain of applications.

Keywords

- * semantic technologies
- * semantic Web
- * Geographic information System (GIS)
- * conceptual and semantic modeling of GIS
- * ontology for GIS
- * geographic space modeling
- * novel applications on GIS
- * GIS and social media integration
- * spatial data infrastructure (SDI)

You may send your manuscript now or up until the deadline. Submitted papers should not have been published previously, nor be under consideration for publication elsewhere. We also encourage authors to send us their tentative title and short abstract to [the Editorial Office](#) for approval.

This Special Issue will be fully open access. Open access (unlimited and free access by readers) increases publicity and promotes more frequent citations, as indicated by several studies. Open access is supported by the authors and their institutes. [More information is available.](#)

The Article Processing Charges (APC) are 500 CHF for well prepared manuscripts. In addition, a fee of 250 CHF may apply if English editing or extensive revisions must be undertaken by the Editorial Office. [For details.](#) Please visit the [Instructions for Authors](#) before submitting a manuscript.

Manuscripts should be submitted through the [online manuscript submission and editorial system.](#)

CALL for PAPERS: Geospatial Semantic Array Programming

[Earthzine](#), an IEEE-sponsored online scientific journal, is soliciting articles of 800-3,000 words for its second quarter theme of 2014 on **Geospatial Semantic Array Programming** (GeoSemAP). We seek contributions from all regions of the globe, addressing environmental transdisciplinary research in which a concise integration of array-based semantics and array programming, geospatial tools and a modular composition of data-transformation models are exploited for geospatial problems within the paradigm of Semantic Array Programming. This theme specifically focuses on wide-scale transdisciplinary modelling for environment

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(WSTMe) as a scientific challenge with an increasingly important role in allowing strategic policy-making to be effectively discussed and programmed with the support of robust science.

See the [call for papers](#) OR [download it in PDF](#).

CALL for PAPERS: [Special Issue "Earth Observation for Water Resource Management in Africa"](#)

Remote Sensing Journal **Deadline for manuscript submissions: March 31, 2014**

The concept of Integrated Water Resource Management (IWRM) is seen as an opportunity to help manage water variability and the wide spread water scarcity in Africa. One key component missing from IWRM in Africa is the limited knowledge of the available extent and quality of water resources at basin level. Earth Observation (EO) technology can help fill this information gap by assessing and monitoring water resources at adequate temporal and spatial scales. The goal of this Special Issue is to understand and demonstrate the contribution which satellite observations, consistent over space and time, can bring to improve water resource management in Africa. Possible EO products and applications range from catchment characterization, water quality monitoring, soil moisture assessment, water extent and level monitoring, irrigation services, urban and agricultural water demand modeling, evapotranspiration estimation, ground water management, to hydrological modeling and flood mapping/forecasting. Some of these EO applications have already been developed by African scientists within the 10 year lifetime of the TIGER initiative: [Looking after Water in Africa](#), whose contributions are intended to be the starting point of this Special Issue and is only one example of the wide range of activities in the field. Contributions from the entire African and international scientific community dealing with the challenges of water resource management in Africa are the target of the special issue. In the years to come, an ever increasing number of international EO missions, such as the Landsat, ALOS, CBERS and RESOURCESAT mission suites, the family of Sentinel missions and the SMAP mission, will provide an unprecedented capacity to observe and monitor the different components of the water cycle. This Special Issue aims also at reviewing the latest developments in terms of new missions as well as related EO products and techniques that will be available in the near future to face some of the major challenges for IWRM in Africa.

[GSDI and IGS Global News, Volume 4 Number 1 for 2014 \(January 2014\) \(PDF\)](#)

[MMA Location Terminology Guide](#)

[World Disasters Report 2013: Focus on technology and the future of humanitarian action](#)

[2013 Tasmanian Bushfires Inquiry Report](#)

[Disaster Risk Management in Asia and the Pacific Issues Paper \(April 2013\)](#)

[NewGeography website](#)

[Mapping London blog](#)

[LandScan: a news update from Land Information New Zealand, Issue 66 \(September 2013\)](#)

In this issue...

- International acclaim for the LINZ Data Service
- Property rights reputation remains high
- LINZ establishes Crown Land Centre of Expertise
- Location-based information to boost Canterbury recovery
- First new nautical paper chart produced in-house
- LINZ takes learners on a geospatial adventure
- Stakeholder survey - thanks for your feedback

[Borderlines blog from the New York Times](#)

Countries are defined by the lines that divide them. But how are those lines decided — and why are some of them so strange? Borderlines explores the stories behind the global map, one line at a time.

by Frank Jacobs

Frank Jacobs is a London-based author and blogger. He writes about cartography, but only the interesting bits. His other blog is [Strange Maps](#)

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Blog of [Ragnvald Larsen, geographer](#)

Geographer working with maps at the Norwegian Directorate for Nature Management. Part of his job is to contribute to development aid projects.

Steve Goldman's [Map Fodder](#) website

[David Rumsay Map Collection](#)

[International Society for Digital Earth](#) - August, 2012 [Newsletter](#)

[Thoughts on the Geospatial industry, Open Standards and Open Source](#) Cameron Shorter's blog

[New Zealand - SDI Cookbook Chapter 6 – Government and Industry, moving forward.](#)
[Carnival Of The Geospatialists #3 - Musings and Down-Right Cool Things Shared by the Geo Faithful](#)

[Open Planet 5, the magazine published for the International gvSIG Conference is now available in electronic format](#)

[SDI Magazine](#)

[Technology & More](#) (July 2013)

[Mother Pelican: A Journal of Sustainable Human Development](#)

The November 2013 issue has been published

[LiDAR News newsletter, Vol 4, No 4](#) (2014), [LiDAR News newsletter, Vol 4, No 5](#) (2014)

[LiDAR News magazine](#) (January/February, Vol 4, No 1, 2014)

[Think Quarterly](#) – Google's new on-line magazine

[Coordinates](#) monthly magazine - [PDF](#) (February 2013)

[SERVIR-Africa community news](#)

[GISuser - GIS and Geospatial Technology News](#)

[National Geographic website](#)

[The Atlantic Cities website](#) including [Maps](#)

[Professional Surveyor](#) magazine

[The American Surveyor](#) newsletter (November 13), [The American Surveyor](#) newsletter (November 27), [The American Surveyor](#) newsletter (March 12)

[The American Surveyor Vol.10 No.9](#) (September 2013)

[My Co-ordinates e-zine](#) – October 2013 issue (PDF)

[UN-SPIDER Newsletter](#) February 2014

[UN SPIDER Updates](#) February 2014

[Thematic Mapping blog](#) Terrain mapping with Mapnik

[Richard Bedford blog: Mapping the News](#)

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The Afternoon Map – [A Cartography blog](#)

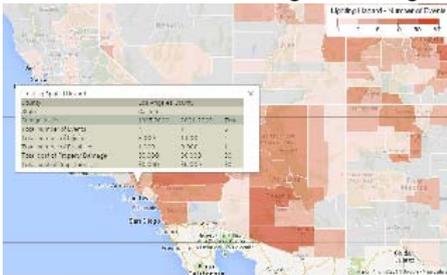
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Just for Fun!

[BreweryMap and BreweryDB – Mapping Every Brewery you can think of](#)

This awesome service does a great job at mapping all the breweries in north America – and then some! Search an area and voila, using the Google maps API you are presented with all the hits as pins on a map.

Source: GISUser blog



[Where in the U.S. You're Most Likely to Get Struck by Lightning](#)

Geography also plays a role in where lightning causes property damage and where bolt-throwing storms lay waste to crops – and all this collective misery is now on

display in the Google Maps Gallery's "[Lightning Spatial Hazard Events and Losses for the United States, 1995-2009.](#)"

Source: The Atlantic "Cities" Maps and Google Maps Gallery



[Frozen City – portfolio of photographs of snowed under New York](#)

Most New Yorkers spent this past winter complaining about the harsh weather. George Steinmetz took on a more ambitious project: photographing the snowbound city from the seat of a two-person piston-powered helicopter. Steinmetz and his pilot, Dennis Weaver, took multiple trips around the tri-state area, departing from Caldwell Airport in Fairfield, New Jersey, at dawn. Over Coney Island, the Bronx, Bayonne, and Staten Island, Steinmetz photographed the subway yards, cemeteries, and

athletic fields below. As [Lauren Collins wrote in her Profile of Steinmetz](#), from 2010, "Taking aerial photographs is, in a way, like metal detecting—a hunt for treasure invisible from the earth's surface." See also [Steinmetz's portfolio \(before & after\) Hurricane Sandy.](#)

Source: The New Yorker

[Louisiana's Coastline Is Disappearing Too Quickly for Mappers to Keep Up](#)

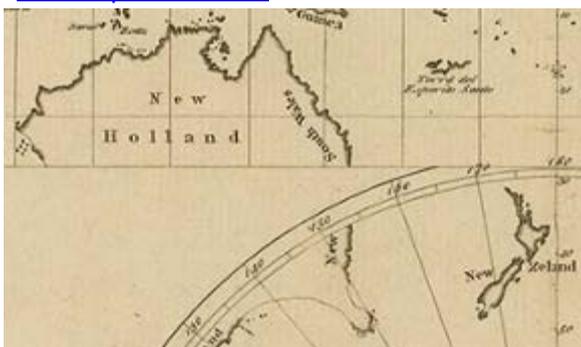
Each year, this part of the coastline loses around 16 square miles of land, according to David Muth, the state director of the National Wildlife Federation's [Mississippi River Delta Restoration Project](#). And until quite recently, even the most advanced maps of the area did little to reflect the changing environmental reality.

Source: The Atlantic "Cities" Maps

[Zoom through a Stunning Panorama of the Milky Way](#)

Do yourself a favor. Don't read this article just yet—first, take a moment to zoom around this [incredible panorama of our galaxy](#) and soak in the splendor.

Source: Scientific American blog and the [NASA Spitzer Space Telescope at Caltech](#)



[Earliest printed map of Australia sells in London for close to \\$250,000](#)

A copy of the earliest printed map of Australia has sold at auction in London for almost \$250,000.

The map was commissioned by botanist Joseph Banks in 1772 to celebrate Captain Cook's voyage of discovery to the Pacific, which ended the previous year.

The map depicts New Holland with the continent's entire east coast labelled New South Wales and Tasmania connected to the mainland. It also shows New Zealand.

The copy sold by Sotheby's on Thursday is one of just three copies known to have survived.

Source: The Guardian

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Training Opportunities

[ITC announces call for 6 PhD positions \(Promovendi\)](#)

Deadline: May 12, 2014

The University of Twente Faculty of Geo-Information Science and Earth Observation (ITC) provides international postgraduate education, research and project services in the field of geo-information science and earth observation using remote sensing and GIS. The aim of ITC's activities is the international exchange of knowledge, focusing on capacity building and institutional development in developing countries and emerging economies.

ITC expects candidates for the PhD positions to match their research interest with one of ITC's research themes. The PhD positions are open to highly talented candidates who hold a Master of Science degree (MSc) in one of the following fields: Earth Science, Geography, Ecology, Agriculture, Environmental Sciences, Geo-informatics or computer science with relevant expertise in Geo-information and/or remote sensing.

It is up to the selection committee to decide to which of the six departments at ITC the candidates will be allocated. The candidates will be asked to give a 20 minutes presentation. The presentation must include details about: 1. the candidate him/herself, 2. the importance of his/her research, 3. future developments of the candidate's academic career and research. Hence the candidate is asked to make clear in which ITC-domain he/she thinks will fit best and why (motivation).

ITC offers an inspiring and challenging international and academic environment. The successful candidate will be employed for a period of four years. Salary and conditions are in accordance with the Collective Labour Agreement (CAO) of the Dutch Universities. The gross monthly salary starts at €2083,- gross per month in the first year, leading up to €2664,- gross per month in the last year excluding allowances in accordance with the job profile Promovendus, under the University System for Job Classification (UJC).

Applications (extended cv, motivation letter, and research Idea) should be uploaded **no later than May 12, 2014** by using the application form and should include CV, letter of application, contact information for two or more references and a clear research Idea related to ITC. For further information you may contact our HR-Manager, [Mr Jeroen Jansen](#) (+31 53 4874 316) for procedural and organizational issues [Professor A. Veldkamp](#), dean of the Faculty, for content issues (email).

[Invitation to Open Street Map Webinar](#)

The ICA-OSGeo Lab Network and MundoGEO are now pleased to inform the sixth webinar of the "Open Geospatial Science & Applications" webinar series on April 28th.

The webinar will be open and free to all on first come register basis. This webinar will be presented by Lluís Vicens (University of Girona, Spain) on OpenStreetMap (OSM), a collaborative project to create a free editable map of the world.

Webinars are an excellent way to share the excellent research done by our colleagues in our labs worldwide and build research collaborations. [To register](#)

We are also happy to share the recordings of the last two webinars

[NASA World Wind and Europa challenge webinar](#)

[Australian Urban Research webinar](#)

All recordings will also be made available

at <http://mundogeo.com/webinar/opengeoscienceandapplications/> and <http://www.geoforall.org/> for the benefit of the wider community.

[An Introduction To Working With Electronic Maps](#)

Here's a free online training course using QGIS software. 13 lectures in total.

Thanks to Ross Johnson for this link

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[PennState EDU Introduces Maps and the Geospatial Revolution Online Training](#)

An amazing new effort from Penn State (PSU) kicks off this week in the form of a massive, online EDU offering – enter Maps and the Geospatial Revolution. In just 6-9 hours a week, students can enjoy this online offering and learn how advances in geospatial technology and analytical methods have changed how we do everything, and discover how to make maps and analyze geographic patterns using the latest tools. The course is led by PSU instructor, Anthony Robinson. Geospatial Gurus may find the course a little simple but anyone else is encouraged to take part. [See the course program.](#)

Thanks to GISUser blog AND [Meet the Man Who Wants to Teach the World to Make Maps](#) above

[Arizona State University GIS Lab](#)

A good place to get a sense of where the geographic information system (GIS) field is headed is Lattie F. Coor Hall at Arizona State University in Tempe, Ariz. That's the home of the 30-credit-hour Masters of Advanced Study in GIS (MAS-GIS) Program within ASU's School of Geographical Sciences and Urban Planning. Here, students are exposed to not only the latest GIS concepts but also ever-evolving technologies.

Source: The American Surveyor

[Free Webinars on Solving Data Challenges](#)

Sign up for future webinars and view past recorded webinars

[Course Spotlight: Master of Spatial Information Science](#)

The University of Melbourne [Course Spotlight: Master of Spatial Information Science](#)

Spatial information is an essential and indispensable part of any economy's infrastructure. It is needed in all walks of life and on many scales, with applications in land tenure systems, environmental modelling, food production, disaster management, climate change modelling, engineering, architecture and urban planning. Current industry shortfalls in spatial information practitioners combined with a growing demand in Australia and internationally, ensure graduates a range of well-paid job opportunities.

Find out more about the [Master of Spatial Information Science](#), as well as our [scholarship opportunities](#).

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Funding Opportunities, Awards, Grants

[Global Forest Watch Small Grants Fund: Request for Applicants](#)

Please direct inquiries to gfwfund@wri.org

[Global Forest Watch](#) (GFW), a new dynamic online forest monitoring and alert system, has pledged an initial \$375,000 for grant-making in 2014 to fund innovative, on-the-ground use of the GFW platform. The GFW Small Grants Fund, which offers grants ranging from 10,000 - 40,000 USD, funds civil society organizations to use the platform to improve forest management and rural livelihoods.

GFW was created by the [World Resources Institute](#) (WRI) with over [40 partners](#). For the first time, GFW unites satellite technology, open data, and crowdsourcing to guarantee access to timely and reliable information about forests. The platform contains a trove of forest data, including the most frequently updated information currently available about forest change. At 500 meter resolution, you can get monthly updates on tree cover loss, or you can zoom in to the 30 meter level for annual change. This data can be viewed, analyzed and downloaded for free. GFW is made possible through NASA's satellite technology, Google's cloud computing power, and through algorithms developed by GFW partners. For more information, please [visit](#) and see the attached "Overview of GFW" document.

The GFW Small Grants Fund was created in collaboration with [The Access Initiative](#), the largest network in the world dedicated to ensuring that citizens have the right and ability to influence decisions about the natural resources that sustain their communities.

WHAT IS FUNDED

The purpose of the Small Grants Fund is to promote innovative, tangible uses of GFW around the world. GFW is a global tool, but it has immense potential for on-the-ground implementation with the goal of improving forest management through increased access to quality and timely information on the state of forests. GFW is seeking applications within the following categories to help meet our goal:

1. Projects that extend the value of GFW information to forest-dependent communities, grassroots organizations, and other local stakeholders in ways that positively impact their lives (e.g., helping impacted communities use GFW information to monitor local forest resources).

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2. Projects that use information in the GFW platform to conduct research or carry out advocacy to improve forest governance and law enforcement (e.g., through changes in laws, institutions, and/or practices).
3. Projects that provide new information to or validate existing information on GFW (e.g., creating a new data layer, validating areas of tree cover loss).
4. Other innovative projects that use GFW to empower civil society to better manage forests and sustain or mobilize local communities.

The Small Grants Fund will not support:

- Undergraduate, graduate, or postgraduate studies
- Annual fundraising drives
- Payment for institutional benefits
- Work that has already occurred

GFW has an open data policy, intended to provide information free of constraints and restrictions on use. We request that all data produced through our Small Grants Fund be shared using licensing which conforms to [open data standards](#) and made available for download whenever possible.

WHO CAN APPLY?

The Small Grants Fund is intended for non-profit, civil society organizations with full-time, paid staff. The fund is not intended for large, international NGOs, individuals or any for-profit establishments or government agencies. Applicant eligibility will be further determined through completion of the pre-application, located on the [Small Grants Fund website](#).

GRANT DISBURSEMENT

Administered by WRI, the Small Grants Fund supports projects ranging from 10,000 USD to 40,000 USD with a completion date of no later than December 31, 2014. Funds will be disbursed upon signing of an agreement with WRI and grant recipients will be required to meet reporting standards during the agreement period.

The amount of funding requested in an application will not affect funding decisions. However, WRI may not be able to support all activities or deliverables within an application. In such cases, WRI may negotiate with successful applicants to select a smaller number of activities/deliverables for funding.

HOW TO APPLY

Applications are accepted on a rolling basis. Organizations are encouraged to apply as soon as possible.

Submit the pre-application. Visit the [GFW Small Grants Fund website](#) and click "APPLY NOW!" to submit the pre-application. The pre-application helps determine whether applicants meet the minimum requirements to receive funding from WRI. Applicants will be notified within two weeks whether or not they are eligible to apply for a small grant.

Submit a full application. Eligible applicants will be asked to submit a full application, which will be included as an attachment to the acceptance email with instructions for submission. Applications will be reviewed by the Small Grants Fund Board on a rolling basis and applicants will be notified of the Board's decision within two to four weeks. In some cases, the Board may express interest in the application, but ask for additional information and/or clarity before offering funds.

File Paperwork and Receive Funds. Accepted applicants will be notified of next steps, including the process for disbursement of funds.

The decision of the Small Grants Fund Board on any matter related to the grants will be final and conclusive.

IMPORTANT DATES

March 10, 2014: Application is open

June 1, 2014: Deadline to submit pre-application

June, 30, 2014: Deadline to submit full application

December 31, 2014: Project completion deadline

For more information, please visit the [Small Grants Fund website](#)

[Singapore government introduces geospatial scholarship](#)

The Singapore government has introduced the government on Friday introduced the Singapore Geospatial Scholarship, the first of its kind in the island nation. Senior Minister of State for Law and Education, Indranee Rajah, made the announcement on Friday last week. Rajah said the scholarship would be jointly conferred by several public agencies, and will meet the increasing demand for geospatial professionals for the industry. The scholarship is for undergraduate and postgraduate studies. More information is expected to be release later in the year. Ms Indranee noted that Geospatial Information Systems and Technology (GIST) touches many aspects of daily life, such as getting road directions on the smart phone, and providing live traffic condition updates. It is also used in monitoring dengue clusters, and managing issues such as climate change and disaster response

Channel NewsAsia

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[Ideas Challenge](#)

The Ideas Challenge is at the core of the GMES Masters competition. It invites students, entrepreneurs, start-up companies and SMEs to submit their ideas for an innovative commercial use of GMES to a secure online database on the GMES Masters website. The best idea for a commercially viable business idea using GMES data will be rewarded. The winner will be rewarded with a cash prize of EUR 10,000 as well as the chance to get his idea further developed in one of the six ESA Business Incubation Centres (BICs). The incubation package has a value of up to EUR 60,000.

[ESA App Challenge](#)

The European Space Agency (ESA) will award the ESA App Challenge to the best application idea for the usage of GMES on mobile phones. Proposals shall address one or more GMES main thematic areas (land, marine environment, atmosphere, climate change, emergency management). ESA is looking for ideas that can be implemented quickly into a profitable business. The application should consist of a base app containing info and news on GMES, as well as one or more specific content modules that provide relevant location-based data to users in real time. The winner will be considered for support by one of the six European Space Agency's Business Incubation Centres (ESA BICs) across Europe (value up to EUR 60,000).

[European Space Imaging High-Res Challenge](#)

European Space Imaging (EUSI) is Europe's leading provider of Very High-Resolution (VHR) satellite data. EUSI will award the best application idea using the most advanced VHR satellite data. Application ideas which are easily implementable, sustainable, cut costs and create efficiencies are of high interest. Participants are required to submit detailed application ideas including business concepts. The winner will be awarded a data package of EUSI satellite data worth up to EUR 20,000 for use in further developing the winning application.

[DLR Environmental Challenge](#)

DLR is looking for new applications in Earth observation, especially proposals addressing the mapping of the environment and climate. Ideas for using Earth observation to manage sustainable supplies of energy are also welcome. In addition to any kind of non-satellite geoinformation, proposals should be based on existing or imminent Earth observation satellite data that is available either for free or under commercial terms. The product or service generated from the idea should support either professionals from organisations and companies in environmental assessment, or the general public and consumer-oriented markets. Both regional and global applications and services are possible. Innovative ways to link the service with users are especially encouraged. The ideas should also describe a realistic scenario for their implementation involving either the general public or commercial benefits. The winner(s) will receive a voucher for a workshop or initial coaching according to what further realisation of the idea requires.

[Best Service Challenge](#)

The Best Service Challenge invites service providers to upload profiles of their existing services within the main thematic areas of GMES to the GMES Masters competition website. The Best Service Challenge aims at increasing the awareness of existing Earth Monitoring Services and their benefits to European citizens. The winner of the Best Service Challenge will benefit from a substantial satellite data quota made available with financial support by the European Commission.

[T-Systems Cloud Computing Challenge](#)

T-Systems will award the prize for its Cloud Computing Challenge to the best GMES application or service idea that will make use of the cloud computing model Infrastructure-as-a-Service (IaaS) to provide Earth observation data on demand via user-oriented web portal or mobile devices. T-Systems will assist the winner in getting the awarded project off the ground. They will support the winner to realise an innovation project, which could lead to a long-term partnership.

[Challenge to spur the geospatial industry](#)

The Singapore Land Authority has launched OneMap Challenge that seeks to promote the development of innovative map-based desktop and mobile applications by businesses and the community.

The OneMap Challenge provides a platform for application developers to showcase their creativity through the apps they develop to an increasingly tech-savvy population and enterprises, including those represented by the Association of Small and Medium Enterprises (ASME) which is one of the competition promotion partners. The

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Challenge also aims to facilitate collaborations between potential business partners for creating location-based apps that are useful for business enterprises and the general community.

With two top prizes of \$20,000 cash each and other attractive prizes up for grabs, the OneMap Challenge is divided into two categories – Web Applications for applications that run on web browsers and Mobile Applications for those that run on smart phones, tablets and other portable devices.

Visit <http://www.sla.gov.sg/OneMapChallenge> to learn more about OneMap Challenge and check out the OneMap Facebook page at www.facebook.com/OneMap.

Source: Geospatial World and [SLA press release](#)

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Employment Opportunities



New career resource at [GeoJobsBIZ](#). There's been about 200 opportunities listed and the growth has been steady in visits and users. If you need to recruit Geo/Tech talent hopefully you'll give it a shot and those of you simply browsing for a new gig so you can tell the boss to go take a hike perhaps there's something here for you. Good luck!

GIS Job Board Launches New Website: www.gisjobboard.com

New Site Provides Employers and Job Seekers Tools to Post and Search Jobs and Resumes in the GIS and Geospatial Disciplines

GIS Job Board has launched a new website specifically dedicated to GIS and other geospatial disciplines. The new site makes it simple for employers and job seekers to post and search for jobs and resumes. The site was created to serve the growing needs of the GIS community and help with recruiting and job seeking efforts.

Visitors also have the option to view the site in a different language if they choose, making it easier for them to have access to the content

Registered users can receive jobs or resumes by email. They can also flag jobs and resumes as well as save searches, setup resume alerts, and save resumes and jobs. Users have the capability of private messaging other users in case they ever want to communicate with someone.

For more information about GIS Job Board, please visit their website at www.gisjobboard.com

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Conference Proceedings

[GEOProcessing 2014, The Sixth International Conference on Advanced Geographic Information Systems, Applications, and Services](#), was held March 23-27, 2014 in Barcelona, Spain.

Twenty-four papers can be accessed online, including the following:

- Service Cascade as a Means for Pan-European Access to National Geodata Content
- Privacy Concerns in Location-based Social Networks
- An Evaluation of Semantically Enriched Spatial Data Infrastructure
- Integrating GIS Visualization Tools for Ecosystem Management
- Geographical Information Systems Participating into the Pervasive Computing

[APSRAC holds workshop on Spatial Data Infrastructure](#)

Source: [The Siasat Daily](#)

[37th ISO/TC 211 meeting successfully held](#) November 11 - 15

During the week of November 11-15, 2013, the [Technical Committee 211 Geographic information/Geomatics](#) (TC 211) of the International Organization for Standardization (ISO) had its 37th plenary meeting and associated meetings at the Esri campus in Redlands, California. All the WGs met, as well as all the maintenance groups and other groups. Delegates and experts from 20 nations participated. [The resolutions from the plenary meeting have been published online.](#)

Presentations from [Standards in Action Workshop](#), 13 November 2013, Redlands, CA USA

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The 38th ISO/TC 211 meeting will be held in [Berlin, Germany, June 2-4, 2014](#)

[First Heart of Borneo spatial meeting held October, 2013](#)

Preceded by the recent 7th Heart of Borneo (HoB) Trilateral Meeting in Brunei in September 2013, HoB Geographical Information System (GIS) meeting was organized in October, for the first time since it was initially discussed in 2008. The discussion evolved around the organizational and working modalities of the technical committee on GIS, presentations on national policy on spatial land-use planning, and identification of possible joint activities.

The meeting was considered useful to build a better understanding on each country's land-use management and the underlying principles. It is a reality that each country in the HoB regulates different land use plans and therefore different land-use management. Despite the fact of differences, the three countries demonstrated willingness to cope with the challenge. With distinct land classification or nomenclature, the essential function of land-use planning is understood and has become reference and knowledge for each country to develop better policy and practices on land-use management that considers balance between conservation and development. See link above for full article.

[The Heart of Borneo](#) (HoB) refers to the main part of the island where forests remain intact. Covering an area the size of Utah in the US, Victoria in Australia or the whole of England and Scotland put together and extending into the territory of the countries of Brunei Darussalam, Indonesia and Malaysia, it is one of the largest transboundary rainforests remaining in the world. But the Heart of Borneo is not just a treasure trove of biodiversity - it is also a source of life and livelihood for people, providing ecological services for at least 11 million Borneans, including a million forest-dwelling indigenous Dayaks.

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Conferences, Events

For upcoming events of global or major international interest, please visit the [upcoming conference list](#) on the GSDI website – as this conference list will be reserved for conferences within or with specific interest to the Asia Pacific Region.

The editors welcome news of conferences & events from the newsletter subscribers

[Call for Expression of Interest to host AARSE 2014 and future Conferences](#)

Call for Expression of Interest to host the 10th biennial International Conference of the African Association of Remote Sensing of the Environment (AARSE) in October 2014 and future Conferences.

| Date | Location | Event |
|-------------------------|-----------------------|---|
| April 2014 | | |
| 30 March-2 April | San Diego, California | 17th Annual AAAE Geographic Information Systems (GIS) Conference and Exhibition Speaking, sponsorship, exhibitor and Poster Session information: greg.mamary@aaae.org Registration and hotel information: brian.snyder@aaae.org |
| 7-9 April | Canberra, Australia | Research@Locate'14 Held in conjunction with LOCATE 14 |
| 7-9 April | Canberra, Australia | LOCATE 14 - Conference and Exhibition Locate14 is the new premier national spatial information conference and exhibition in Australia and New Zealand. Locate14 consolidates the top industry events including spatial@gov Conference and Exhibition (managed by the Office of Spatial Policy), the Surveying & Spatial Sciences Conference and the Asia-Pacific Spatial Excellence Awards. The annual Locate conferences will become the central meeting point of industry, government and academia in one of the fastest growing industries in Australia. Registrations are now open. |

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| | | |
|-----------------------|-------------------------|--|
| 12-13 April | Washington, DC | State of the Map - US State of the Map US is the annual United States conference for all OpenStreetMap users |
| 14-17 April | Colorado, USA | SPAR International 2014 |
| May 2014 | | |
| 5-9 May | Geneva, Switzerland | Geospatial World Forum 2014 Contact: info@geospatialworldforum.org |
| 8-9 May | Geneva, Switzerland | Land Information System for Smart Cities Part of Geospatial World Forum (see above) |
| 5-9 May | Walbrzych-Ksiaz, Poland | 22nd Cartographic School 2014 "Geoinformatics and Atmospheric Science" contact Dr Malgorzata Wieczorek phone: +48 71 375 22 30, email . |
| 7-9 May "NEW" | Sao Paulo, Brazil | MundoGEO Connect 2014 |
| 21-23 May | Thessaloniki, Greece | 5th International Conference on Geographic Object-Based Image Analysis (GEOBIA 2014). |
| June 2014 | | |
| 2-6 June | Berlin, Germany | The 38th ISO/TC 211 PDF brochure/flyer only available at this date. Website expected on-line shortly |
| 16-20 June | Aalborg, Denmark | The 8th INSPIRE Conference Awaiting official website |
| 15-21 June | Riviera, Bulgaria | 5th International Conference on CARTOGRAPHY & GIS January 10, 2014: Abstract submission February 25: Full paper submission for publication in Springer Book May 1: Full paper submission for Conference Proceedings Please be aware of the first deadline – 10 January 2014 . You are kindly asked to submit: - abstract for conference proceedings OR - full paper in case you would like to propose a paper for publishing in a Springer book titled "Thematic Cartography for the Society" |
| 16-21 June | Kuala Lumpur, Malaysia | XXV FIG Congress: Engaging the Challenges – Enhancing the Relevance IMPORTANT DATES Peer Reviewed Papers Deadline for authors to submit full papers : November 1, 2013 First notification to authors of acceptance: December 19 Non Peer Reviewed Papers Deadline for authors to submit abstracts : December 1 Confirmation to authors of acceptance of abstracts : January 31 Call for Papers |
| July 2014 | | |
| 1-4 July | Salzburg, Austria | GI Forum 2014: Geospatial Innovation for Society Feb 1, 2014 : deadline for submission of full papers / extended abstracts / extended abstracts for poster presentation March 16, 2014: notification of acceptance April 20, 2014 : final paper versions June 6, 2014: late deadline for submission of extended abstracts for poster presentation |
| September 2014 | | |
| 8-13 September | Portland, Oregon | FOSS4G 2014 |
| November 2014 | | |

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|-------------------------------------|-----------------|--|
| 6–8 November | Hong Kong | Geo-Process Modeling in VGE Managing & sharing Geographic Knowledge Important Dates 20 March, 2014 Abstract submission deadline 10 April, 2014 Notification of acceptance 10 August, 2014 Full paper submission deadline Contact |
| 9–11 November | Dubai, UAE | 4th International FIG 3D Cadastre Workshop Tentative timetable: 30 June 2014 - Extended abstract (500-1000 words) submission 7 September 2014 - Author notification 9 October 2014 - final version of full paper |
| 9–11 November "NEW" | Nagoya, Japan | 5th ISDE Digital Earth Summit Important Dates Mar. 9, 2014: Open Online Registration and Abstract Submission May 9, 2014: Deadline of Abstract Submission Jul. 9, 2014: Notification of Acceptance Sep. 9, 2014: Deadline of Early Registration Oct. 9, 2014: Final Program Fix Nov. 9, 2014: Opening of Summit Contact |
| 25–28 November "NEW" | Suva, Fiji | Pacific GIS/RS User Conference Contact Esri Users' meeting – 24 November |
| May 2015 | | |
| 11-15 May, 2015 "NEW" | Berlin, Germany | 36th International Symposium on Remote Sensing of Environment Contact |

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[Global Spatial Data Infrastructure Association](#).

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