

THEME

Actionable Knowledge for Sustainable Development

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Latin America Geospatial Forum

In 2011, we brought "Geospatial Knowledge" at the heart of the economic and development agenda in Latin America creating our first event. The success that we met leads us to repeat this experience through the 2nd Annual Conference and Exhibition on Geospatial Information, Technology and Applications. Latin American Geospatial Forum provides a platform for decision-makers, developers, researchers

and application users to present and discuss the most recent innovations, trends, experiences and concerns in the field of geospatial. It aims to highlight the need of firmly placing 'geospatial knowledge & awareness' in the region by creating an international platform with global industry leaders with latest technology, government leaders and eminent researchers to meet and develop information exchange and meaningful dialogue to achieve this common goal together.

THEME

Actionable Knowledge for Sustainable Development

With the theme the conference will focus on an integrated approach to sustainability that can create tangible benefits economically socially

and environmentally. The forum will highlight the usage of geospatial technology in processes, organization and design, system regulation, and continuous learning approaches in complex organizational and multiorganizational systems that enabled simultaneous focus on the issues and advancing of economic, social, and ecological outcomes. More than ever, sustainable development is a global

concern & it is everyone's duty to participate in the evolution of our society in this direction.





Transforming Information into Actionable Knowledge

Geospatial Intelligence is actionable knowledge - the ability to describe, understand, and interpret so as to anticipate the human impact of an event or action within a spatiotemporal environment. The session will present framework for mining actionable knowledge that are inexplicitly adopted. It will focus the issues that are either not addressed or insufficiently studied.

Advancing Sustainability with Geospatial

The fuel driving the engine of growth and sustainable development of any nation is the nation's access to reliable and adequate geospatial information. The socio-economic and environmental management decisions are based on quality and accurate information on natural resources and other geospatial data. The session will focus on facilitating efficient production, management, dissemination and use of geospatial information for sustainable development and the challenges facing the geospatial community and need for the establishment of a national geospatial data infrastructure.

Prospects and Challenges of Business Directions of Brazilian Geospatial Industry

As the world is witnessing Brazil as emerging political and economic power and is preparing to move towards being highly developed country. The international connectivity and commitment of Brazil to host major business enterprises along with World Cup and Olympics is adding the momentum to manage its resources better and develop quality infrastructure, which are very much pre-requisite for overall growth of the country. Of course geospatial industry of Brazil has its own role to play in this growth story and several of local and international companies are getting ready to develop this industry further and contribute to overall development of Brazil. The panel on "Prospects and Challenges of Business Directions of Brazilian Geospatial Industry" the panelist will put forward their perspectives with regard to road ahead for Brazilian Geospatial Industry.

Eminent Speakers



Eduardo Paes® Hon'ble Mayor Rio de Janeiro Brazil



Wasmália Socorro Barata Bivar President IBGE, Brazil



Ricardo Henriques President - IPP Municpality of Rio de Janeiro Brazil



Chris Gibson Vice President Trimble USA



Mark Doherty CTO of Security Government & Infrastructure Division, Intergraph, USA



Esther Bemerghuy de Albuquerque Secretary Ministry of Planning, Brazil



Sr. Carlos Afonso Nobre Secretary Ministry of Science Technology & Innovation, Brazil



Micheal Jones Chief Technology Advocate Google Inc. USA



Mark Reichardt CEO and President OGC USA



Marcelo Perrupato
Secretary
Ministry of Transport
Brazil



Dr. Steven Hagen Senior Vice President Server Development Technologies Oracle, USA



Sérgio Besserman President, Technical Chamber of Sustainable Development Municipality of Rio de Janeiro, Brazil



Claudio Scliar Secretary Ministry of Mining and Geology Brazil



Claudio Simao Director President Hexagon United Kingdom



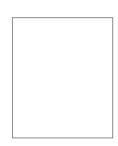
Enéas Brum President Imagen Brazil



Wadih João Scandar Neto Director - Geosciences IBGE Brazil



Antonio Machado Director AMS Kepler Brazil



Guilherme Brechbuhler De Pinho Chief Executive Officer Fototerra, Brazil



Land Administration

- Discuss best practices in land administration systems
- Bring out the challenges faced while implementing
- Outline and discuss ways to overcome these challenges
- Determine processes that can lead to improvements in land administration

Speakers



Ricardo Henriques President IPP Municpality of Rio de Janeiro



Cláudia Werneck Institute of Applied Geoscience



Ing. Rigoberto Director, Institute of Geography & National Register, National Registration Center, El Salvador



Estevan Toha Gonzalez Executive Secretary - SNIT Ministry of National Assets Chile



Celso Talamoni



Geographic Institute of Cartography Land Institute Foundation of the of the State of Sao Paulo, Brazil



Sergio Rotenberg Municipality of Rio de



Director, Geographic Institute Agustín Codazzi Colombia



Marco Pilla Executive Director State of Sao Paulo, Brazil



Col. Sady Mario Rojas Velasquez Comandant, Military Geographic



Institute, Bolivia



Sergio Soler Manager Spatial Data Infrastructure Special Administrative Unit Land Registry District of Bogota

Priscilla May Delany Masson

Manager Geographic Information

George Porto

General Coordinator

Felicia Reicher Madeira

Data Analysis, Brazil

Executive Director Foundation of the State System of

Ferreira

IBAMA, Brazi

Transport and Infrastructure

- Methods in implementing geospatial in transport for planning the mega events
- Development, design and digital mapping for various transportation verticals
- Progress achieved with the help of geospatial technology in infrastructure development

Speakers



Elton Zacarias Secretary Municipal Secretary of Infrastructure & Works of São Paulo Brazil



Paulo Roberto Schubnell de Rezende Lima General Co-ordinator - Policy Evaluation, Ministry of Transport



Marcos Thadeu O. Magalhães University of Brasilia - UNB



Otavio Vieira da Cunha Filho National Association of Urban Transportation, Brazil



Joubert Flores Director Metrô Rio Brazil



Sérgio Guimarães Director - Information of Cities, Instituto Pereira Passos, Brazil

Alexandre Cardeman

Chief Executive of Technology



Dénis de Moura Soares Planning and Budget Analyst SPI, Ministry of Planning & Budget



Guillermo Krantzer® Director General of Transport Subsecretary of Transportation Government of Buenos Aires Argentina

Co-organiser



Partner





Sustainable Development of Amazonia

- Ways to promote the preservation of the Amazon Basin and regulate Amazonian development
- Technology for aggressive drive to achieve economic growth and development
- Amazonia forest degradation and fragmentation
- Technology for use of renewable natural resources in the Amazonian region

Chairperson



Fernando Campagnoli Director, Centre of the Amazon CENSIPAM. Brazil



Marcio Fontes Hirata Director Ministry of Agrarian



Marcelo Sampaio Cunha Filho Coordinator of the Bank Information Minsitry of Transport

Speakers



Eymar Silva Sampaio Lopes Specialist, National Institute for Space Research - INPE



Head of the Center for Remote Sensing, IBAMA



Edson Sano



Armin Augusto Braun Chief, CENAD National Secretariat of Civil Defense, Brazil

SDI as Natural Disasters Management Service

- The role of spatial data infrastructure in the disaster management cycle
- Multinational SDI-based system to facilitate disaster risk management
- SDI in hazard characterizations, vulnerability assessments, preparedness and response planning and recovery and reconstruction

Speakers



Secretary of Policies & Programs of Research & Development, Brazil



Francisco Oliveira Director, Department Policies to Comat Deforestation, Ministry of the Environment



Co-organiser

Partner



Luiz Paulo

Esparza Rios Geography & Statistics Mexico



General Director, National Geographic Institute Tommy Guardia, Panama









President, Permanent Committee

on Spatial Data Infrastructure

of the Americas Brazil

Ivan Marcio Barbosa Chief Image Generation Division, National Institute for Space Research - INPE Brazil



Hassan M. Barakat Director, Center for Emergency Management (CGE) Brazil



Armin Augusto Braun Chief, CENAD National Secretariat of Civil Defense, Brazil



Ivan Dario Geographic Institute Agustín Codazzi - IGAC Colombia

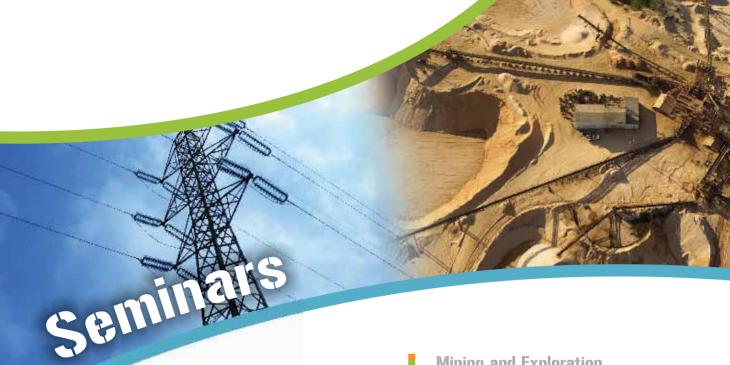


Álvaro Monett Hernández National Land Information Coordination - SNIT Ministry of National Assets, Chile



Paula McLeod GeoConnections Earth Sciences Sector Natural Resources NRCAN, Canada

Representative from National Centre for Monitoring & Warnings of Natural Disasters, Ministry of Science & Technology, Brazil



Energy

- Smart Grids
- · GIS for Asset Management & Grid Analysis
- Geospatial technologies for Power Market Assessments
- GIS for managing right-of-way activities like planning and management, property appraisal, property acquisition etc
- Geospatial tools for assessing renewable energy potential of a site

Speakers



Pedro Perelli President Brazilian Association of Wind Energy - ABEEOLICA, Brazil



Mauricio Guedes Executive Director Technology Park Brazil



Romina Plastina® Manager Gas Transmission National Regulatory Agency for Gas, Argentina



Enio Ribeiro Sallese Regulation Specialist - SGI National Agency for Electric Energy - ANEEL, Brazil

Representative from Petrobrás Gas & Energy Brazil

Representative from Department of Public Lighting, City Hall of São Paulo Brazil

Mining and Exploration

- Geospatial technologies for Area Selection
- Fieldwork Planning & Project Designing using GIS
- Geospatial tools for subsurface investigation
- · Spatial Modeling
- · Benefits accrued-ROI

Speakers



Sr. Claudia Scliar Secretary, Secretary of Geology Mining and Mineral Processing Ministry of Mines and Energy Brazil



Marksuel Xavier Bastos Manager of Technology in Geodesy PETROBRAS



Patricia Daros General Manager Environmental Planning VALE DO RIO DOCE



Professora Adalene Moreira Silva Professor Brasilia University, Brazil



Dr. Frederico Liporace Director Development of Software, AMS Kepler



Marino Carhuapoma GIS Consultant Kinross Gold

Representative from CRPM

Representative from DNPM





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Secretaria de Geologia, Mineração e Transformação Mineral

Co-organiser









Partner

ABEEÓlica Associação Brasileira de Energia Eólica



City Management and Use of Geotechnology

- Geospatial technologies for efficient and effective local governance
- Integrated services to government, business and local users
- Applications to empower emergency managers
- Cloud-based GIS attracting businesses to the community
- GIS supporting green government

Speakers



Luiz Roberto Acueira da Silva Manager of GIS Instituto Pereira Passos (IPP) Municipality of Rio de Janeiro



Poltronieri Pereira Manager - Geoproces: Municipality of Vitória



Alexandre Augusto Moreira Lajo GIS Analyst - IMTI Municipality of Campo Grande



Ana Cristina Budib Victório Head of Group IT & GIS -SEMADUR, Municipality of Campo Grande, Brazi

Adriano Reginaldo Alem

Architect, Instituto Pereira

Passos, Municipality of



Eberli Cabistani Riella Manager Technology & Services PROCEMPA, Municipality of Porto Alegre, Brazil



Sernio Soler Manager Spatial Data Infrastructure, Special Administrative Unit Land Registry District of Bogota



Antonia Ribeiro Guglielmi Director, Department of Control of Use of Public Roads Municipality of Sao Paulo, Brazil



Arq. Héctor Antonio Lostrio Secretary, Minsitry of Urban Development, Government of the Autonomous City of Buenos Aires Argentina

Standards and Interoperability

- The power of interoperability and standards
- Ability of open standards to reduce costs
- Ease in integration of new data sources and technologies
- Improving interoperability standards to support
- Next generation assessments
- What's ahead for geospatial interoperability and standards
- Challenges and way forward

Chairperson



Homero Fonsera Filho University of Sao Paulo



Luiz Cesar Michielin Kiel President, Company of Information Technology & Communication of Sao Paulo - PRODAM, Brazil



Álvaro Monett Hernández National Land Information Coordination - SNIT, Ministry of National Assets, Chile



Adote Tieko Obata Director-Center for Integration & Management of Information Secretary of State for the Environment, Brazil



Werner Levh Professor University of Sao Paulo



Silvin Cesar Lima Ribeiro Urban Development - SMDU Municipality of Sao Paulo

Co-organiser





SESSIONS

Realtime Geoinformatics - Live Geography

- Need for real-time geoinformatics
- Latest sensor technologies, positioning & tracking technologies
- Integrating GNSS positioning data to detect rapid motion and long-term movement trends
- Benefits of using real-time geographic information
- Role of geospatial technologies in supporting time-critical applications

GIS Ready Information from Imagery

- Role of photogrammetry and imaging in providing GIS ready information
- Advances in imaging and photogrammetry
- Applications in car navigation, disaster management and monitoring of fast growing urban centers
- Current limitations & Future prospects

Cloud Computing Architectures

- Innovative Cloud Applications and Experiences
- · Security and Privacy in Clouds
- Business Process and Workflow Management in Clouds
- Cloud-bridging and Cloud-bursting
- Service-Oriented Architecture and Cloud Computing

Speakers



Leandro M. Rodrigue Business Development Latin America, Esri USA



Helio de Almeida Duarte Coordinator - GIS Company of Information Technology & Communication of Sao Paulo - PRODAM, Brazil

Laser Scanning and 3D Modelling

- Vision based 3D city modelling by using airborne laser scanner data
- · Geo-localisation method using 3D-GIS and laser scanner
- Image-based 3D modeling
- 3D real time visualization and automation

Speakers



Marcelo Rodrigues Maranhao Cartographer IBGE Recaril

WORKSHOP

Data Standards for National SDI

- Standards for sharing geographic data among all users resulting in significant savings for data collection & use & enhance decision making
- To reduce duplication of effort among agencies, improve quality and reduce costs

Conducted by



Cel Omar Antonio Lunardi Advisor, Board of Army Geographical Service, Member of National Commission on Cartography - CONCAR Razil





CALL FOR ABSTRACTS

To draw maximum benefit out of this opportunity, we invite you to participate actively in this conference and submit abstracts for the following themes:

Symposia	Seminars	Sessions	
 Land Administration Transport and Infrastructure Sustainable Development of Amazonia 	 Mining and Exploration Energy Standard and Interoperability City Management and use of Geotechnology 	 Cloud Computing 3D modeling Laser Scanning Real Time Geoinformatics Live Geography Ready Information From Imagery 	

Important Dates

Last date for Abstract Submission	31st May, 2012		
Abstract Acceptance/Non Acceptance Notification	11th June, 2012		
Speaker Registration	29th June, 2012		
Full Paper Submission	10th July, 2012		

Guidelines

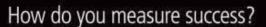
- Abstract can be submitted in either portuguese, Spanish or English
- The abstract submitted should not exceed 250 words
- The submitted abstract should be an original draft, one which has not been published before
- Upon evaluation of abstracts, selected authors will be invited to send in their full papers

For Paper related queries contact papers@lagf.org















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Geospatial Excellence Award

Geospatial Media is proud to announce Geospatial Excellence Awards for Best applications in Latin American Region. The awards will be granted in the form of a trophy to meritorious projects which have made significant and measurable contributions towards development of new applications, or innovative modification of existing practices and bring in efficiency in the workflow.

Objective

To recognize, highlight and honour the best applications or usage of geospatial technologies in various walks of life.

Nominations

Geospatial Media and Communications is inviting nominations for excellance awards. Nominations will be screened by a Jury to select winners for each of the application areas.

Last Date for Submitting Nomination - 15th June

Networking Opportunities

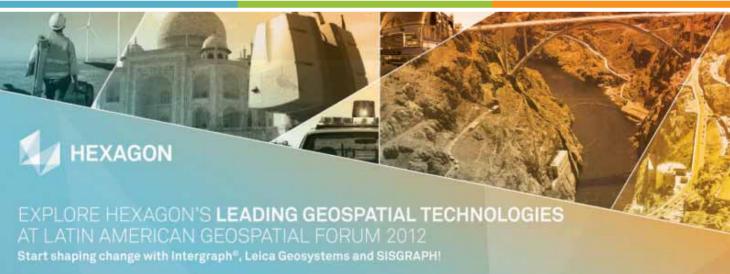
Latin American Geospatial Forum shall provide adequate networking opportunities and shall facilitate interaction between and amongst various stakeholders of geospatial industry. It shall organize high profile and exclusive networking opportunity that shall bring together CEOs and senior executives from the user organizations. The various networking opportunity are:

Exhibitor Reception 15th August: 1800 – 1900 hrs

Senior Executive Networking Reception (by invitation only) 15th August 1900 – 2000 hrs







Don't miss Hexagon, principal sponsor, at Latin America Geospatial Forum 2012! Discover how Hexagon's wide range of geospatial and advanced 3D technologies can help you stay one step ahead of a changing world.

Be sure to visit Intergraph, Leica Geosystems and SISGRAPH at Booth 9 in the exhibition hall to learn how you can leverage Hexagon's technologies to increase productivity, enhance quality and make tester, better operational decisions.

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- Make deals with senior level representatives and generate valuable leads
- · Demonstrate your technology to attentive and curious delegates
- Network with and impress potential partners
- Maintain and strengthen your standing within the industry
- Create a buzz around your company's latest developments

Exhibition Fees (per sqm) 500 USD

For booking of exhibition space, write to exhibition@lagf.org

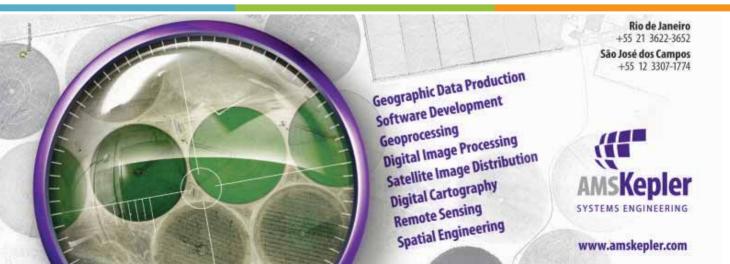
Registration Fee

Brazilian Delegate (in Reas)

Fee	Brazilian Delegate (in Reais)	Overseas Delegate (in USD)
Private Delegatge	750	500
Government	500	500
Academic	400	250

Register Before 31st May to avail early bird discount

Write to registration@lagf.org





Conference Venue

Opened in July 2007, the Sul America Convention Center was designed with the goal to be a multipurpose space and returned to meet the demands of various industries to conduct their events. Central location, infrastructure and technology are the major differential SulAmérica Convention Center, which is fully prepared to receive both lectures, workshops, conferences, conventions and national and international fairs. The Centre is just a few meters from the metro station Estacio / Cidade Nova, which ensures a quick, quiet and safe connection to other districts and regions of the Rio. In addition, exhibitors, visitors and attendees can count on the comfort and security of private parking and covered with 1,300 vacancies.

Venue Address

Sul America Convention Center Av Paulo de Frontin, 1, Cidade Nova - Centro, Rio de Janeiro - RJ

Weather and Clothing

Rio has a tropical savanna climate. During August the average minimum temperature is 19 °C (66 °F) and the average maximum temperature is 26 °C (79°F). The temperature varies according to elevation, distance from the coast, and type of vegetation. Along the coast, the breeze, blowing alternately onshore and offshore, moderates the temperature. Carrying light wollens is recommended.

Onsite Translation

English is the official language of Latin American Geospatial Forum considering its international nature. We will have the onsite translation in portugese and Spanish during the conference.

Currency

Brazilian currency is known as Real (Reais). Its sign is R\$ and its ISO code is BRL. The current exchange rate is US \$ 1= BRL 1.7.

Contacts

General Information

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Exhibition / Sponsorship

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Registration

Paola Cebrian

+55 21 3553 3135, + 55 21 9400 2524 (M) registration@lagf.org

Programme Schedule

Wednesday, 15th August 2012

Time (in hrs)	HALL A & B
0900 - 1030	Inaugural Session and Exhibition Inauguration
1030 - 1200	Networking Coffee/Tea Break and Visit to Exhibition
1200 - 1330	Plenary 1: Transforming Information into Actionable Knowledge
1330 - 1430	Lunch
1430 - 1600	Plenary 2: Advancing Sustainability with Geospatial
1600 - 1630	Networking Coffee/Tea Break
1630 - 1800	Plenary Panel: Prospects & Challenges of Business Directions of Brazilian Geospatial Industry
1800 – 1900	Beer Break (in Exhibition Hall)

Thrusday, 16th August 2012

Time (in hrs)	HALL 1	HALL 2	HALL 3	HALL 4	
0900 - 1100	Symposium Sustainable Development of Amazonia	Technical session	Session Location Intelligence	Technical Session	
1100 - 1300	Networking Coffee/Tea Break and Visit to Exhibition				
1300 - 1400	Lunch				
1400 - 1530	Symposium Sustainable Development of Amazonia	Seminar Mining and Exploration	Seminar Energy	Seminar Geotechnology for City Management	
1530 - 1630	Networking Coffee/Tea Break and Visit to Exhibition				
1630 - 1800	Symposium Sustainable Development of Amazonia	Seminar Mining and Exploration	Seminar Energy	Seminar Geotechnology for City Management	

Friday, 17th August 2012

Time (in hrs)	HALL B	HALL 1	HALL 2	HALL 3	HALL 4
0900 - 1030	Symposium Land Administration	Symposium SDI as Natural Disasters Risk Management Service	Symposium Transport and Infrastructure	Session Realtime Geoinformatics - Live Geography	Session Cloud Computing
1100 - 1300	Networking Coffee/Tea Break and Visit to Exhibition				
1300 - 1400	Lunch				
1400 - 1530	Symposium Land Administration	Symposium SDI as Natural Disasters Risk Management Service	Symposium Transport and Infrastructure	Session GIS Ready Information from Images	Seminar Standards and Interoperability: Improving Information System
1530 - 1600	Networking Coffee/Tea Break and Visit to Exhibition				
1600 - 1730	Symposium Land Administration	Symposium SDI as Natural Disasters Risk Management Service	Symposium Transport and Infrastructure	Session Laser Scanning & 3D Modelling	Workshop Standards for National SDI
1730 - 1800	Closing Session				



Latin America Geospatial Forum Secretariat

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