

Geospatial Scientific Summit

November 12-13 2012, American University in Dubai

Advancing the role of geospatial technology in scientific applications and research

Since the time John Snow mapped a cholera outbreak in London in 1854 which led him to stop the source of the disease, spatial analysis has become an important aspect of scientific research, planning, and decision making in different industries and disciplines. Today, geospatial technology provides one of the most effective tools in analyzing, understanding, and managing the problems the world faces.

Incorporating geospatial component provided industries, government and academic sectors in the Middle East new ways to better understand local and regional problems and challenges. The summit will try to determine the current status of the role and use of geospatial technology in the region's academic and scientific community, provide a venue for discussing the issues they face in using current geospatial tools and techniques and try to come up with initiatives and solutions to address barriers to fully adopt the use of geospatial technology in scientific applications and research.

Academic & Scientific Committee:

Program/Committee Chair: Wathiq Mansoor, IEEE, American University in Dubai

Conference Chair: Issam Attalah, TIEM

Members

- Michael Batty, Centre for Advanced Spatial Analysis (CASA), University College London
- Hosni Ghedira, MASDAR Institute
- Josef Strobl, University of Salzburg
- Masood Badri, UAE University
- Paul Longley, University College London
- Young-ji Byon, Khalifa University
- Hicham Elzabadani, American University in Dubai
- Mohammad Ghanim, American University in Dubai
- Peiman Kianmehr, American University in Dubai

Program Agenda

First Day

- Applications of spatial analysis in scientific research
- Role & use of geospatial analysis in different disciplines
- Current Geospatial Methods, Tools, & Techniques in Education Programs
- Scientific & Research Paper Presentations
 - Oil & Gas
 - Land Use, Resource Planning
 - Environment
 - Business
 - Health
 - Energy/Renewable Energy
 - Government Planning
 - etc.

Second Day

- Review (Moderator/Committee Chair)
- Scientific & Research Paper Presentations
- Panel Discussion:
 - Issues in the use of Geospatial Analysis, Data, Tools or Methods in Scientific Research and Education
 - Resolutions/Initiatives, possible solutions, resources and ways in addressing barriers to use of geospatial technology in scientific applications and research
- Wrap up and close

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Call for Papers & Presentations

Research papers and presentations on the following topics are welcome:

Committee Members Only Submissions:

- Applications of spatial analysis in scientific research
- Role & use of geospatial analysis in different disciplines
- Geospatial Methods, Tools, & Techniques in Education Programs
- Issues in the use of Geospatial Analysis, Data, Tools or Methods in Scientific Research and Education

Regular Submissions:

- Research / Scientific Papers involving spatial analysis or GIS on:
 - Oil & Gas
 - Environment
 - Health
 - Government Planning
 - Land Use, Resource Planning
 - Business
 - Energy/Renewable Energy
 - etc.

For questions and inquiry on registrations and paper submissions, please contact:

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Paper Submission Form

Deadline—Abstract Submission: Sep 15, 2012

Full Paper Submission: Oct 15, 2012

Author/Presenter name(s): _____
Presentation title (10 words or less): _____
Topic/Discipline/Industry category: _____
Organization name: _____
Complete address: _____
Phone: _____
Email: _____

Brief presenter biography (25 words or less)

Abstract (150 words or less)

Questions to Be Answered

- What problem did you solve with geospatial tools/GIS? What advantage did it give you?
- What types of geospatial analysis as well as geospatial tools and methods did you use? Explain how and why.
- What are your findings or results?
- How can this project be useful for the audience?

Content and Formatting

All papers and presentations must be noncommercial. At no time is it permissible for presenters to use their time slot to advertise or promote a product, service, or company. Remember, the information you enter will be published (e.g., on the website and in the agenda). Eliminate bullet points and numbering, and avoid using words in all capital letters; also, submissions must be in English. Do not include information in your abstract that will not be in your presentation.

Presenter Information

Presentations are typically 30 minutes or less. This year's committee will evaluate all abstracts and make selections based on topic, content, and time available. All authors will be notified after the selection process has been completed.