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Presents

GIS – Urban Environment Summit 2007

Indaba Hotel – Johannesburg

South Africa, 9th – 11th May 2007

The Largest GIS Conference in Southern Africa

Eminent Speaker Panel

Dr Vuyo Mlokoti – Chairperson of the Demarcation Board, South Africa
Mr. Lufuno Madzha - Department of Mineral and Energy – GIS Manager
Mr. Gareth   Muthumuni - Department of Water and Forestry – South Africa
Ms. Melanie du Plessis - Electoral Commission (IEC), South Africa
Mr. Lance Nel - Director, Total Geo-spatial Information Solutions
Mr. Derrick van As – CEO, AI Systems
Mr. Nico Elema – Director GIS, Global Image
Ms. Sanjay Kumar - CEO, GIS Development –India
Mr. Peter Schmitz, Researcher, GIS, CSIR Built Environment
Prof James Chakwizira - University of Venda
Dr. Jane Olwoch (PhD) - Medunsa
Mr. Dave Blair - Divisional Director, Environmental Division, SiVEST
Mr. Werner Fourie - Managing Director, Global Image
Prof Abraham Thomas, PhD (B'ham, UK) - Department of Earth Sciences, UWC
Ms Chetna Parbhoo, Scientist, ICT for Earth Observation, Meraka Institute, CSIR
Mr. Derek Diamond - CEO, Diamond Software Concepts
Mr. Dave McPherson PrEng PGISP – Director
Ms Robyn Kindler - Educational Consultant, GIMS
Dr. Ulrike Rivet - University of Western Cape

Who Should Attend:

- o **Technical staff**
- o **Analysts**
- o **Application developers**
- o **Decision makers**
- o **GIS practitioners**
- o **GIS department managers**
- o **GIS educators and trainers**
- o **Top-level product and marketing managers**
- o **Land Surveyors**
- o **Architects**

PositionIT online
The GIS, surveying and spatial applications journal of Southern Africa

GIS DEVELOPMENT

SARF

saaci
SOUTHERN AFRICAN ASSOCIATION FOR THE CONFERENCE INDUSTRY

DAY ONE – 9th MAY 2007

07:30 - 08:45 Registration Tea/Coffee

08:45 - 09:00
In the Chair – *Opening Remarks*
Dr. Vuyo Mlokoti
Chairperson
The Municipal Demarcation Board

09:00 - 10:00
Using Supply Chain Management to Plan and Manage Large Data Intensive GIS Projects
Mr. Peter Schmitz
Researcher
CSIR

10:00 - 10:15 Networking over Tea/Coffee

10:15 - 11:15
GIS to support rural, peri-urban and urban environment in the data collection for HIV/AIDS and water quality using a combination of Open Source GIS systems and cellular technology.
Dr. Ulrike Rivett
Professor
University of Cape Town

11:30 - 12:30
The Challenges of Implementing GIS within the context of Urban Planning
Prof James Chakwizira
University of Venda

12:30 - 13:30 Lunch – Speed Networking

13:30 - 14:30
The future of the spatial database – Spatial Warehousing for GIS and CAD
Mr. Derek Diamond
CEO
Diamond Software Concepts

14:30 - 15:15
Assessment of urban groundwater recharge, pollution and vulnerability using GIS
Prof. Abraham Thomas
University of Western Cape

15:15 – 15:30 Afternoon Tea/Coffee

15:30 – 16:30
How Far India has come: From a GIS perspective
Mr. Sanjay Kumar
CEO
GIS Development – India

16:30 – 17:00
Use of Knowledge-base systems for the detection and monitoring of unplanned development
Ms. Chetna Parbhoo
Scientist
CSIR

DAY TWO – 10th MAY 2007

08:00 - 8:45
Using GIS to Inform Strategic Environmental Assessment
Mr. Dave Blair
Divisional Director
SiVEST

08:45 - 09:30
Using GIS in Electrification
Mr. Lufuno Madzha
Department of Minerals and Energy

09:30 – 10:15
Using GIS to Map vectors and vector-borne diseases in relation to climate change
Dr Jane Olwoch
MEDUNSA

10:15 - 10:30 Networking over Tea/Coffee

10:30 - 11:30
Document Management and the Integration with GIS
Mr. Derrick van As
CEO
AI Systems

11:15 - 12:30
Cost-effective ways to implement GIS in local government
Mr Nico Elema
Director
Global Image

12:30 - 13:30 Lunch – Speed Networking

13:30 – 14:30
"Spatial Information is only 1 pillar of the foundation of effective Integrated Municipal Information Systems"
Mr. Lance Nel
Director
Total Geo – Information Systems

14:30 – 15:15
The effectiveness of using spatial tools and data in support of elections
Ms. Melanie du Plessis
Manager Business Systems
IEC

15:15 – 15:30 Afternoon Tea/Coffee

15:30 – 16:30
GIS & Transportation – Trends, Techniques and Challenges –
Mr. Dave McPherson, PrEng PGISP
Director

16:30 - 17:00
GIS in Secondary Schools
Ms. Robyn Kindler
Educational Consultant
GIMS

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Master Class Workshop

11th May 2007 - Day 3 Workshop

Open Source GIS: Myth or Practical Reality?

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8:30 – 12:30
Chairperson – Mr. Werner Fourie – Managing Director - Global Image
Facilitator – Mr. Hardy Jonck – Managing Director – Qsens

Open Source Geospatial Solutions:
What is OSGEO? What's it done in its first year? What's to come?

Open Source Geospatial Solutions: Working with Open Source
This workshop will introduce the benefits of open source geospatial software along with potential pitfalls
- **Open source geospatial technology**
- **Business opportunities for open source geospatial technology and services**
- **Interoperability and open source technology**
- **Remote sensing, imagery and image mapping**
- **New platforms, uses and applications**
- **Real time dynamic data**
- **Spatial databases: How much goes into the database?**
- **Open Source Software & Geospatial patents**

About the Endorser:

The South African Road Federation (SARF) is an organisation dedicated the promotion of the road transport industry in South Africa by dissemination of information, the promotion of sound policies and by education and training

About the Media Partners:

PositionIT:
PositionIT - the geoinformatics, surveying, GIS, location intelligence and related spatial applications journal for Southern Africa - is a technical journal published by EE Publishers, in print and on-line, six times a year, serving these sectors and the wider target audience in Southern Africa. PositionIT provides a voice for the Geographic Information Society of South Africa (GISSA), the South African Geomatics Institute (SAGI), the Institute of Mine Surveyors of South Africa (IMS), and PLATO, the statutory registration body for surveyors.

GIS Development – India:
As a *Geospatial Communication Network*, GIS Development promotes the usage of Geographic Information Science, Technology and Applications in various areas of development, worldwide and Asia in particular. It assists community and government in developing their productivity, policies and management capabilities by facilitating knowledge transfer in the domain of geographic information. It fosters the growing network of those interested in geo-informatics and encourages the exchange of scientific know-how through its key platforms: Magazines, Portal, Conferences and Training

REGISTRATION FORM:
GIS for the Urban Environment Summit 2007
9TH - 11TH May 2007
Indaba Hotel, Fourways (Johannesburg), South Africa

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PARTICIPANT ATTENDANCE INFORMATION
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- in writing at least 2 weeks prior to the conference
- For any cancellations received less than 7 working days before the date of the Summit, the full fee will be payable and no refunds or credit notes will be given.
- If a registered delegate does not cancel and fails to attend the Summit, this will be treated as a cancellation and no refund or credit note will be issued.
- Delegate substitutions must be made in writing 7 days before the start of the event.

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