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 Presents

# GIS - Urban Environment Summit 2007

Indaba Hotel - Johannesburg  
 South Africa, 9<sup>th</sup> - 11<sup>th</sup> 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) - Dpt of Geography, Geo-informatics & Meteorology, University of Pretoria
- 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

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**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

**Department of Geography, Geo-informatics & Meteorology, University of Pretoria**

**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**

## Master Class Workshop

11<sup>th</sup> May 2007 - Day 3 Workshop

### Open Source GIS: Myth or Practical Reality?

8:30 – 12:30

Chairperson – Mr. Werner Fourie – Managing Director - Global Image

Facilitator – Mr. Hardy Jonck – Managing Director – Qsens

#### **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:

##### **S.A.R.F.**

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

#### About the Exhibitors:

##### **THE INNOVATION HUB<sup>®</sup>**

The Innovation Hub – Africa's first internationally accredited Science Park and first full member of the International Association of Science Parks – is a regional centre of innovation and knowledge creation, an intelligent business community linked to the fast moving world of global interconnectivity.

Strategically located in Gauteng - South Africa's executive capital and the country's 'smart' Province - The Innovation Hub is the leading knowledge-intensive business cluster in South Africa.

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

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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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