

Geospatial Solutions for National Development Planning

SASGI 2013 Conference and Exhibition: 08h00 to 17h00, Tue & Wed 23 & 24 July 2013

OPTRON VIP Partners Conference: 12h30 to 18h30, Mon 22 July 2013

Venue: Emperors Palace, Ekurhuleni, Gauteng, South Africa

Opening speaker



Mmuso Riba, South Africa's Chief Surveyor-General, will be opening the South African Surveying and Geomatics Indaba. He holds a B.Sc. Degree in Mathematics and Chemistry from MEDUNSA as well as a B.Sc. in Surveying from the University of Cape Town. He is a Professional Land Surveyor as well as a Sectional Titles Practitioner. A former Surveyor-General for the Free State, he is a Board Member of both the Geoscience's Council Management Board and the Committee for Spatial Information. He is also a member of the

South African Council of Professional and Technical Surveyors (PLATO).

International guest speakers



Roger Haagmans joined the European Space Agency as Principal Scientist and as Head of the Solid Earth Unit of the Earth Science Division in 2001. Since 2008 he has held the position of Head of the Earth Surfaces and Interior Section of the Mission Science Division in the Science, Applications and Future Technologies Department of the Earth Observation Programmes Directorate. He has been responsible for project science support throughout implementation of ESA's GOCE and Swarm Earth Explorer missions. He is

also a member of the science panel of the Global Geodetic Observing System.



Prof. Michael Barry holds the John Holmlund Chair in Land Tenure and Cadastral Systems at the University of Calgary in Canada. He has worked in South Africa, Canada, Botswana, Ghana, Iraq, Indonesia, The Netherlands, Nigeria, The Philippines, Somaliland, Malawi, Lesotho, Swaziland, Zambia and Zimbabwe. He has consulted to a number of institutions including South African and Canadian Government agencies, the Southern African Development Community (SADC), United Nations Food and Agricultural Organisation, UN-Habitat, the World Bank, and the British Council.



Rob Mahoney is the Honorary Secretary of the Royal Institution of Chartered Surveyors (RICS), a global property professional body which aims to regulate and promote the profession, maintain educational and professional standards, protect clients and consumers through a code of ethics, and provide impartial advice, analysis and guidance. He is one of the most experienced independent GIS consultants in Europe with extensive experience in the management of land

information, and land registration (cadastre) systems.



Geoff Zeiss has more than 20 years experience in the geospatial software industry and 15 years experience working with utilities, communications, and public works in enterprise geospatial IT. He serves on the Board of Directors of the Open Geospatial Consortium (OGC) and has participated in government initiatives including the Geomatics Community Round Table and the Canadian Geospatial Data Infrastructure (CGDI) initiative. Currently

he is a member of the steering committee of the Eclipse Foundation LocationTech Working Group, a commercially oriented geospatial open source initiative.



Peter Large has served as a vice president and executive committee member of Trimble since 2010. From 2008 to 2010 he served as general manager of the Mapping and Geographic Information Systems Division of Trimble and from 1996 to 2007 served in a number of worldwide marketing, product management, sales and channel development leadership roles within the Survey Division. He is an Associate Fellow of the Royal Institute of Navigation.

Panel discussions

- SASDI: furthering the goals of the National Development Plan
- 3D geospatial technologies for infrastructure development
- A sustainable cadastre for rural tenure
- Geospatial technologies for a changing mining environment

Papers

- A land suitability evaluation for improved subsistence agriculture using GIS
- Practical examples of the legal position of the boundaries of estuaries and tidal rivers
- Transition from GPS to GNSS: Applications in agriculture practices
- Measuring deformation from space. InSAR as an operational tool for mining sector
- Efficient real-time stability monitoring of mine walls
- GIS for spatial development plans, spatial development framework and projects
- Towards a pro-poor land adjudication procedure for communal land
- A geodatabase for seismotectonic modelling in the KwaZulu-Natal region
- Geomatics in mining: the need for consolidated geodatabases for improved planning and decision making
- Geomatics for service delivery
- The relevance of accurate geospatial data and databases for national development planning
- Web-based GIS for information sharing by local government

Conference contacts

To register as a delegate: [CLICK HERE](#) or contact Jeanette van Wyk, EE Publishers, Tel 011 543-7000, jeanette.vanwyk@ee.co.za

To submit a paper: [CLICK HERE](#) or contact Clare van Zwieten, EE Publishers, Tel 011 543-7000, clare.vanzwieten@ee.co.za