



PROGRAMME

Plenary Presentations

Monday 31st October, 09:00 – 12:00, Diamond Auditorium

Opening

Honourable Minister of Land Affairs, Ms Thoko Didiza

Dr Rob Adam, Director General, Department of Science and Technology

Mr Pali Lehohla, Statistician General, Statistics South Africa

Monday 31st October, 15:30 – 17:00, Diamond Auditorium

Session 2: “Geo-Information for Local Integrated Development”

Prof. David Maguire, Director, ESRI

Dr Michael Sutcliffe, Municipal City Manager, eThekweni Metropolitan

Tuesday 1st November, 08:30 – 10:00, Diamond Auditorium

Session 4: “Geo-information and Integrated Disaster Risk Management”

Ms Carrie Stokes, Geospatial Information Technology Advisor, USAID

Dr Georges Tadonki, Programme Manager, OCHA-SAHIMS

Mr Chris Kaye, OCHA Regional Disaster Response Advisor, OCHA Regional Office for Southern Africa

Wednesday 2nd November, 08:30 – 10:00, Diamond Auditorium

Session 8: “Spatial Data Infrastructure in Africa: The Way Forward”

Mr Derek Clarke, Chief Director, Surveys & Mapping

Dr Carmelle J. Terborgh, International Relations/Federal Account Manager, ESRI

Dr Nozizwe Makgalemele, Deputy Director General, Department of Land Affairs

Thursday 3rd November, 08:30 – 10:00, Diamond Auditorium

Session 11: “Geo-Demographics and Business Geographics”

Location Intelligence: Using Location to Drive Insightful Business Decisions

Mr Douglas Gordon, Managing Director of Product Management, MapInfo Corporation

Geo-Demographics and Business Geographics

Mr Robert M. Samborski, Executive Director, Geospatial Information & Technology Association

Dr Elizabeth Gavin, Deputy Director General, Statistics South Africa

Friday 4th November, 08:30 – 10:00, Diamond Auditorium

Session 15: “Partnerships in Geo-Information and Development”

Global Perspectives on Partnerships in Geo-information and Africa

Ms Vanessa V. Lawrence, Director General and Chief Executive Ordnance Survey (UK).

Mr Alan Townsend, Vice President and General Manager of Trimble Field Solutions

Partnerships in Conservation Development in Geo-Information

Prof. Willem van Riet, Chief Executive Officer of Peace Parks Foundation

Friday 4th November, 15:30 – 17:00, Diamond Auditorium

Closing

Prof. Steven Piper

Dr Nozizwe Makgalemele, Deputy Director General, Department of Land Affairs

Oral Presentations

Monday 31st October, 15:30 – 17:00, Diamond Auditorium

Session 3a: “Geo-Information for Local Integrated Development”

Spatial Optimization of Social Grant Pay Points in the RSA
Larry Zietsman

GIS in the City of Johannesburg
Marcelle Hattingh and Ivan Tchoukanski

Critical Success Factors (CSF's) for Implementation of Geographical Information Systems (GIS) in Government Institutions of Developing Countries
Peter Reinecke

Improved Service Delivery in Municipalities
Martiens Pelser

Monday 31st October, 15:30 – 17:00, Ruby Auditorium

Session 3b: “Partnerships in Geo-Information and Development”

Cartography Approach of Remote Sensing Centres and Distance Learning in Africa from 1979 to 2003
Mesmin Tchindjang, Marcellin Nziengui, Mesmin Edou, Njilah Isaac Konfor and Vincent Francis Menga

Co-ordinated African Resource Management
Sias Mostert and Ron Olivier

The use of GIS in Post-Conflict Areas Urban Land Information and Management Case Study: Hargeisa, Somaliland
Mohamed Ali, Jan Turkstra, Maurizio Pieroni and Mohamed El-Sioufi

Nile River Awareness Kit
Thomas Boivin, Grant Bruce, Erin Johnston and William Kemp

Monday 31st October, 15:30 – 17:00, Emerald Auditorium

Session 3c: “Geo-Information for Local Integrated Development”

Presentation to be confirmed

National Capacities for Information Exchange
Elizabeth Gowa

Digital Conversion of Year 2000 Population Census Data at Locality Level and Geo-Visualization Processing for Analysis of the Human Resources Development Indicators
N Nsowah-Nuamah, E. Amamoo-Otchere, B. Akuetteh, E. Tetteh and R. Quartey

The Status of GIS in Town and Regional Planning Qualification Programmes in South Africa
Hester Marais

Monday 31st October, 15:30 – 17:00, Amethyst Auditorium

Session 3d: “Geo-Information for Local Integrated Development”

The use of Supply Chain Management to Plan and Manage Large or Data Intensive GIS Projects
Peter Schmitz, Adri de la Rey and Mario Marais

Census Geography of South Africa
Coleman Dube

Obstacles in Implementing GIS in Government
Mmule Mbense and Henry Nkosi

Guidelines for National GIS Implementation Strategies
El Fatih Wadidi and Dr Kamal Abdellatif Abdalla



Tuesday 1st November, 10:30 – 12:00, Diamond Auditorium

Session 5a: “Geo-information and Integrated Disaster Risk Management”

The use of GIS in UNHCR Operations from Emergency to Repatriation and Reintegration
Marc-André Bünzli and Mulugeta Zewdie

Floods in the Congo Basin: A Regional Approach
Mesmin Tchindjang, David Esseck, Zephania Nji Fogwe, Vincent Menga
and Kayo Ngoulev Mbofang Jean

*Innovative and Practical use of Geographic Information System Technology to Quantify
and Prioritise Hazards and Risks for Pro-Active Disaster Management Planning*
M. Strydom and M.J. Braune

*Enterprise Applications and Information Integration for Disaster Management of
Agricultural Resources*
Philip O'Doherty and Robin Parrish

Tuesday 1st November, 10:30 – 12:00, Ruby Auditorium

Session 5b: “Geo-Demographics and Business Geographics”

*Investigating the use of Different Optimisation Criteria and Models to Establish Optimal
Service Facility Location - A Case Study of Siting Police Stations in South Africa's
Bushbuck Ridge Area*
Johan Maritz and Tom de Jong

*Shopping Centre Research: Integrating Traditional Market Research with GIS to Create
Better Decision Making in the Expanding Shopping Centre Development Industry –
The Africa Experience*
Hanli Bezuidenhout and Janco van der Merwe

CARMS (Infinity) Risk Management Solution
Shannon Boltman

Business Geographics Enhances Customer and Market Strategy
David Osborn

Tuesday 1st November, 10:30 – 12:00, Emerald Auditorium

Session 5c: “Geo-Information for Local Integrated Development”

Transmission Utility Enterprise GIS
Liza van der Merwe

Diffusion of GIS in Utility Management: A Case for Botswana
Emmanuel Tembo

*Connecting Rwanda through Space – Geoinformation and Web Based Decision Support
Systems for Poverty Reduction and Sustainable Development*
Dr. Michele Schilling, Florent Lasry, Coco M. Rulinda, Jean Pierre Bizimana
and Elias Nyandwi

Decentralising GIS – The Changing Requirements for Geoinformation in Mozambique
Franziska Steinbruch, Stefan Kienberger, Peter Zeil and D. Matias Chissancho

Tuesday 1st November, 10:30 – 12:00, Amethyst Auditorium

Session 5d: “Geo-Information for Local Integrated Development”

Concepts for a South African National Address Database (NAD)
Wilson Honu and Angelika Pershina

Military Map Up-Dating System
Marian Rybanský

Crime Mapping and Analysis in Ghana: Beyond “Pin Mapping”
Amerley Ampofo

Open Source GIS Development for HIV/AIDS Management
Bas Vanmeulebrouk and Ulrike Rivett



Tuesday 1st November, 13:30 – 15:00, Diamond Auditorium

Session 6a: "Geo-information and Integrated Disaster Risk Management"

Developing a Simple, Operational, Multi-step Procedure for Quantitative Yield/Production Estimation

F. Rembold, J. Rocha, I. Savin and T. Nègre

The use of Process Models to Incorporate Target- Specific Parameters in the Visual Impact Assessment Phase of Environmental Impact Assessments
Heidi van Deventer

Vegetation Cover Change in the LAF-Madjam Forest Reserve of Northern Cameroon: Identification using Remote Sensing
Gervais Wafo Tabopda and Jean-Marie Fotsing

Transforming Farming Practices through GIS
Bheki Ginindza

Tuesday 1st November, 13:30 – 15:00, Ruby Auditorium

Session 6b: "Geo-Information for Local Integrated Development"

In Defence of Teaching Theory of Geo-Information
Fritz van der Merwe

GIS Education and Training: The Missing Link?
Samuel Dekolo and Leke Oduwaye

Finding the Jobless: Spatio-temporal Modelling of Unemployment in South Africa
Gina Weir-Smith

Education and Training in Geospatial Information Technologies in Kenya: Evolution and Development of Geospatial Information Based Training Programmes at Jomo Kenyatta University
M.K. Gachari

Tuesday 1st November, 13:30 – 15:00, Emerald Auditorium

Session 6c: "Geo-Information for Local Integrated Development"

Coding of Datasets: What Works Best, Polygons or Points?
Ilse Brits

A Framework for the Provision and Management of Addresses in the Rural and Informal Areas in Southern Africa
Wilson Honu and Angelika Pershina

Beyond Wallmaps: The Application of Spatial Technologies for Strengthening Land Management in Rural Zambia
Andrew Lyons, Biston Mbewe, Gabriel Mushinge, David Mulolani and Monica Chundama

Personal Earth Observation Satellites
Mostert, S. and Koekemoer, J-A.

Tuesday 1st November, 13:30 – 15:00, Amethyst Auditorium

Session 6d: "Environmental Applications in Africa"

GIS Procedures Employed in Designing the Gauteng Conservation Plan Version 2
Compaan, P.C., Pfab, M.F., Coetzer, W., Forsyth, M., Whittington-Jones, C. and Peinke, D.

Developing and Customizing Methodologies for Land Cover Mapping in Namibia
Celeste Espach and Mark Thompson

Agricultural Geo-Referenced Information System (AGIS)
Hein Lindemann and Jimmy Weir-Smith

Remote Sensing and GIS Application in Coastal Zone Management: A Case Study of Ghana
Yaw A. Twumasi, Andrew Manu and Tommy L. Coleman



Tuesday 1st November, 15:30 – 17:00, Diamond Auditorium

Session 7a: "Remote Sensing Applications in Africa"

Use of High Resolution Satellite Images for DSM and Orthoimage Generation and Object Extraction

Emmanuel Baltasvias, Li Zhang, Henri Eisenbeiss, Maria Pateraki, Daniela Poli and Chunsun Zhang

Recommendations for Affordable High Resolution Imagery as Essential Backdrop Data Sets in National, Provincial and Local Government GIS

Alex Fortescue

Towards Innovative Problem Solving Methodologies for Less Developed Countries

Olajide Kufoniya and Norman Kerle

The Canadian Space Agency Support to the ESA Tiger Initiative for Africa

Steve Iris, Yves Crevier, Ferdinand Bonn, G. Grenier and D. Werle

Tuesday 1st November, 15:30 – 17:00, Ruby Auditorium

Session 7b: "Spatial Data Infrastructure in Africa: The Way Forward"

The Development of a Small Area Spatial Layer to Serve as the Most Detailed Geographical Entity for the Dissemination of Census 2001 Data

Nick Grobbelaar

Data Management and Maintenance at the Chief Directorate Surveys and Mapping (National Mapping Organisation: South Africa)

Raoul Duesimi

GIS for (Multi-Agency) Areawide Planning in the Western Cape

Mike Wallace and Mireille Lewarne

The South African Spatial Data Infrastructure (SASDI): Where are we since 1997.

"The SDI that is need driven. The SDI in the South African Context"?

Pinky Dhlamini

Tuesday 1st November, 15:30 – 17:00, Emerald Auditorium

Session 7c: "Geo-Information for Local Integrated Development"

Mapping our World for Environmental Stewardship in Africa

Sarah Simons

Spatial Decision Support System for Hydrogeological Studies in the Table Mountain Group

Aquifers, South Africa

A. Mlisa

Developing of an Integrated and Centralised Data Management System for the South African National Biodiversity Institute

Salie Hendricks

Mapping Land Cover in Southern Africa

Tracy Timmins and Samantha Goodchild-Brown

Tuesday 1st November, 15:30 – 17:00, Amethyst Auditorium

Session 7d: "Partnerships in Geo-Information and Development"

Environmental Mapping to Empower Local Village People to Improve Health Standards

Noel Hamey, Andre Swart and Harry Brown

The South African Bid to Host the Square Kilometre Array Radio Telescope: Usefulness of GIS in Site Location

Ferrial Adam

Presentation to be confirmed

The Geospatial Managed Environment

Matty Lakerveld and Gijsbert Noordam



Wednesday 2nd November, 10:30 – 12:00, Diamond Auditorium

Session 9a: "Spatial Data Infrastructure in Africa: The Way Forward"

Implementing Legislation for GIS in South Africa: The SDI Act
Paul F. Strydom and Mimi Chauke

Spatial Data Content Standards for Africa
Antony Cooper, Bongani Majeke, Sives Govender, Kate Lance and Larry Tieszen

Ever Tried Canadian Geobase and Geoconnections Solutions for your Country?
Marc LeMaire

The Development of an Integrated Topographic Information System for South Africa's National Mapping Agency
Patrick Vorster

Wednesday 2nd November, 10:30 – 12:00, Ruby Auditorium

Session 9b: "Environmental Applications in Africa"

TREETRACER, Timber to Tree Tracking System
Jacqueline van de Pol and Achille Tchhoffo Djeagou

Geospatial Datasets for Integrated Watershed Management: A Case Study for River Nyando in Kenya
Peter N. Nyarige

Modelling Vegetation Transformation in the Little Karoo using Multi-Date Satellite Imagery
M. Thompson, J. Vlok, R.M. Cowling, S.L. Cundill and N. Mudau

Looking Towards a New African Land Cover Dynamics Data Set: The Medium Resolution Data-Base for Africa (MEDA)
Tobias Landmann, Federico Breda, Antonio di Gregorio, John Latham, Paolo Sarfatti and Giacomo Delli

Wednesday 2nd November, 10:30 – 12:00, Emerald Auditorium

Session 9c: "Geo-Information for Local Integrated Development"

Geographic Information Systems (GIS) A Tool for Transportation Infrastructure Planning in Ghana
Stephen Yao Fiatornu

Innovative Spatial Indicators to Monitor Water Supply Millennium Development Goal
Olivier Stoupy and Oscar Msukwa

The Effective use of GIS by National Government, to Improve the Management of Natural Resources Relating to the Mining Industry in South Africa
Shereen Bansi and Heather Szczesniak

Implementing Property Valuation Tools and Spatial Data to Assist in the Land Restitution Programme in South Africa
Jaco de Kock

Wednesday 2nd November, 10:30 – 12:00, Amethyst Auditorium

Session 9d: "Geo-Demographics and Business Geographics"

Digitally Mapping Africa Cost Effective Capturing Makes Data more Accessible
John W. Dann

Location Based Services: A South African Case Study that can be Applied to Africa
Ray Wilkinson and Errol Sundelowitz

Business Geographics in Uncharted Markets: Retail Development in Africa
Sheny Medani

Use of GIS in the Implementation of Nigeria's Cassava Industrial Revolution
Malachy O. Akoroda and Tunrayo R. Alabi



Wednesday 2nd November, 13:30 – 15:00, Diamond Auditorium

Session 10a: "Spatial Data Infrastructure in Africa: The Way Forward"

Tracking Geospatial Investments in Africa

Kate Lance, Yola Georgiadou and Arnold Bregt

3-D GIS, Virtual Reality and the Internet - The Challenges

Solomon T. Bhunu, James Gain and Heinz Ruther

Building a Spatial Data Infrastructure in Zambia using Open Source Software

Chris Holmes

Collaborative Spatial Analysis and Modelling in a Limited Bandwidth Environment

Andries Naude, Willem Badenhorst and Graeme McFerren

Wednesday 2nd November, 13:30 – 15:00, Ruby Auditorium

Session 10b: "Remote Sensing Applications in Africa"

TRIGNET GPS Base Station Network: Present Status and Future Development

Stephan Koch and Richard Wonnacott

Utilization of Remote Sensing Techniques to Determine Land Use and Land Cover for

KZN and Show Comparisons with 1996 Land Cover Information

Ron Bennett

A Low-Cost Near-Orthogonal Mosaic from the Aerial Videography

Catur Aries Rokhmana

An Automated Object-Oriented Classification Method Integrating the FAO Land Cover Classification System (LCCS)

Ruvimbo Gamanya, Philippe de Maeyer and Morgan de Dapper

Wednesday 2nd November, 13:30 – 15:00, Emerald Auditorium

Session 10c: "Geo-Information for Local Integrated Development"

The Digital Reconstruction of Mitchells Plain: Visualizing Urban Growth

Leon A. Claassen

Towards the Modelling of View for CAMA Property Valuations through the use of GIS and Multi-Criteria Decision Analysis Techniques

Justine Kahonde and Jennifer Whittal

Patterns of Urbanization and Landscape Change in Western Gambia

Malanding S. Jaiteh

Simulating Urban Growth Patterns of a Developing Country City using Computational Neural Networks

Andrew Manu

Wednesday 2nd November, 13:30 – 15:00, Amethyst Auditorium

Session 10d: "Partnerships in Geo-Information and Development"

FIVIMS_ZA and Food Security

Tsakanic Chauke

Application of GPS and High Resolution Gravimetric Geoid Modelling for Topographic Heighting in Eastern Africa: Current Status and Future Prospects

Moses Karoki Gachari

Developing Geospatial Standards: Zimbabwe at the Crossroads

Charles Paradzayi

An Ethiopian Atlas of the Rural Economy: A Platform for Building a Rural Spatial Data Infrastructure

Jordan Chamberlin, Mulugeta Tadesse and Todd Benson



Thursday 3rd November, 10:30 – 13:00, Diamond Auditorium
Session 12a: “Geo-Demographics and Business Geographics”

GIS at the Heart of IEC Business
Melanie du Plessis

GIS as a Component of Composite Enterprise Solutions within Government
Jeff Connacher

Business Case Development and Return on Investment Research Project for Geospatial Information Technology
David P. DiSera

Effective Geo-analytics within a Business Environment
André Vorster

Thursday 3rd November, 10:30 – 13:00, Ruby Auditorium
Session 12b: “Geo-Information for Local Integrated Development”

Location Based Services – Making GIS a Reality for Millions of South Africans on their Mobile Telephones
Magnus Rademeyer

A Community Framework for Critical Infrastructure Protection: The GECCo Pilot Program
Robert M. Samborski

Presentation to be confirmed

Implementing a Successful GIS: From the Field to the Decision Maker
Stuart Martin

Thursday 3rd November, 10:30 – 13:00, Emerald Auditorium
Session 12c: Geo-Information for Local Integrated Development”

SADC has Socio-Economic Geoinformation: The Next Steps are to make it Available and Fill in the Gaps
Craig Schwabe

GPS for GIS in Africa: The Practicality
Michael Trenor

Opportunities for the use of Location in Law Enforcement
Ruben Richards

Applying Geo-Information for Urban Land Use Planning and City Management in Kampala
Shuaib Lwasa

Thursday 3rd November, 10:30 – 13:00, Amethyst Auditorium
Session 12d: “Spatial Data Infrastructure in Africa: The Way Forward”

World Wind Africa: African GIS Accessible to All
Maurizio de Felice and Patrick Hogan

Overcoming some Problems Encountered in Implementing GIS for Fixed Line Telecommunications Networks
Mcebo Ayandza G. Sigudla

Toward the Development of Geographic Names Information Systems for the Management of Telecommunication in Nigeria
Anthony A. Adeoye

Identifying Sensitive Critical Infrastructure Data
Brent Jones



Thursday 3rd November, 13:30 – 15:00, Diamond Auditorium
Session 13a: "Geo-Demographics and Business Geographics"

GIS in Banking: A Focus on Mortgage Finance
Matheri Kangethe

A Study of Business Geographic Initiatives in North America
Pete Gomez

Transport Network Extensions for Accessibility Analysis in Geographic Information Systems
Tom de Jong and Taede Tillema

The Utilisation of GIS in Business
Mark Kindler

Thursday 3rd November, 13:30 – 15:00, Ruby Auditorium
Session 13b: "Environmental Applications in Africa"

Developing Opportunities for Poverty Reduction through Spatial Analysis of Ecosystem Services in Kenya
Norbert Henninger and Janet Nackoney

Assessing Post Apartheid Settlement Growth Patterns using Remote Sensing and GIS: A Case Study of Nine South African Cities
Declan Liech Pillay and Elan Guest

Improving Spatial Data Acquisition and Management in Informal Settlements in Africa: Is High Resolution Satellite Imagery the Answer?
Selassie Mayunga and Boipuso Nkwae

Remote Sensing of Vegetation Cover Changes Induced by Zimbabwe's Fast-Track Land Resettlement Programme
Mhosisi Masocha and Amon Murwira

Thursday 3rd November, 13:30 – 15:00, Emerald Auditorium
Session 13c: "Geo-Information for Local Integrated Development"

The Impact of Current Legislation on the Transformation of the Geomatics Profession in South Africa
Heindrich J. du Plessis

The Argument for GIS Certification
Dr. G.C. Mulaku

The use of Geo-Enabled Fault Management and Dispatching Systems in Electricity Distribution Management
Shireen Baboo

Small World Thinking in Geographical Analysis
Robin Wagner

Thursday 3rd November, 13:30 – 15:00, Amethyst Auditorium
Session 13d: "Spatial Data Infrastructure in Africa: The Way Forward"

Developing a Geo-Referenced Inventory and Condition Assessment as a Management Tool for the Road Network in Kenya (Kenya Road Inventory and Condition Survey Study – RICS)
Steven Griffith, Kenyatta BaRaKa and A.M.V. Kimani

AFREF: A Unified Reference Frame for Africa
Richard Wonnacott

An Integrated Resource Information System (IRIS) to Disseminate Natural Resource Information within Mpumalanga, South Africa
F.A. Koegelenberg

GIS Portal for Africa
Berhanu, D.



Friday 4th November, 10:30 – 12:00, Diamond Auditorium

Session 16a: “Partnerships in Geo-Information and Development”

A Structured Methodology for Evaluation of Integrated Systems Proposals in the Municipal Environment
Lance Nel

Enhancing the Monitoring of Agriculture and Environment in Africa: The Global Monitoring for Food Security Project
Lieven Bydekerke, Francesco Holecz, Eric van Valkengoed, Andries Rosema and Mirko Gregor

Realising the Full Potential of GIS to Assist Development in Africa through Public-Private Ventures
Adrian Roos

Managing Geoscience Information in an African Context
H.J. Brynard

Friday 4th November, 10:30 – 12:00, Ruby Auditorium

Session 16b: “Geo-Information for Local Integrated Development”

Applying Geo-Information for Sustainable Development and Natural Resource Management in the Pastoral Communities of Northern and Southern Kenya
Rose Mayienda

GIS and Ecological Networks: Allowing the Web of Life, a Network of Space
Inge Netterberg and Nancy Omtzigt

The use of GIS in Conservation Planning: An Example from the National Spatial Biodiversity Assessment in South Africa
Bulelwa Mohamed, Zuziwe Jonas, Mathieu Rouget, Belinda Reyers and Amanda Driver

GIS Applications in Humanitarian Affairs
David Gadsden and Carmelle Terborgh

Friday 4th November, 10:30 – 12:00, Emerald Auditorium

Session 16c: “Geo-Information for Local Integrated Development”

The Role of GIS Technology in Hydrological Researches: A Prototype Example of Water Quality Assessment
Eludoyin, A. O., Oyinloye, M.A. and Akinbode, O.M

Spatial Analysis of Local Economic Development: Hibiscus Coast Municipality, KwaZulu-Natal, South Africa
S'bonisile Zama

The use of GIS in the Mapping, Tracking and Analysis of Mobile Female Sex Workers' Movements in Kenya
James Osundwa

GIS for National Development: The Situation in Nigeria
Momoh L. Rilwani

Friday 4th November, 10:30 – 12:00, Amethyst Auditorium

Session 16d: “Spatial Data Infrastructure in Africa: The Way Forward”

Realising Policy: Mapping Language to Access Education
Daryl Braam, Michellé October and Peter Plüddemann

South African Postcode Geography
Marisa Lombaard

Use of GIS in Location of Safe Water Sources, Calculation of Service Coverage and Functionality of Water Facilities in Uganda
Wycliffe Tumwebaze and Sebastian Ofwono

Remote Sensing Based Determination of Groundwater Dependent Ecosystems
Zahn Münch and Julian Conrad



Poster Presentations

Tuesday 1st November, 13:00 – 13:30

GIS as a Decision Tool for Urban and Regional Planning
Ibrahim Mohamed Badwi and Ahmed Salah El_Din Ouf

Conditions to be Met for the Implementation of Urban Monitoring Systems in Western Africa
Amadou Sall, Marc Soutter, Florence Schmoll and Alexandre Repetti

Development versus Flight Safety Zones
Andre Brand

Geographical Support for Social Statistics
Marisa Lombaard

Tshwane Metropolitan Open Space Framework
Marilene Heunis

The Application of GIS in Waste Management Planning
Robyn Britten

Towards the Development of a Multimedia GIS Database for the Zimbabwe Tourism Authority
Farai Dondofema and Job Gandawa

Wednesday 2nd November, 13:00 – 13:30

An Analysis of the Trends in the State of Wetlands in Manyame Catchment
Samuel Kusangaya, Dominic Mazvimavi and Hodson Makurira

Minding their Own: Understanding the Emergence And Nature of HIV/AIDS Home-based Care in the Eastern Cape using GIS
Kizito M. Nsanzya

GPS Simulation and Design for Sudan Geodetic Network
Dr Kamala Abdellatif Abdalla and Eng. El Fatih Wadidi

First Arabian GIS Software Elshayal Smart©
Mohamed Elsayed Elshayal

Africa Fast Facts
Irene van der Merwe

Mining Cadastre – South African Solutions for Africa and the World
Bill Feast, Klas Lundquist, Glen Kuntz, John-Boscoe Tindyebwa and Elias Castro

The Utility of GIS in Household Surveys
Schwabe, C., Davids, A. and Fenske, J.

Thursday 3rd November, 13:00 – 13:30

Perspectives on the Relativity of Absolute Space
Helena Fourie

Systeme D'information sur les Forets Classees du Niger
Vieri Tarchiani, Andrea Di Vecchia, Giancarlo Pini, Federica Sorani and Zabeirou Toudjani

Land Cover Mapping in Support of Land Reform in Namibia
Celeste Espach and Marina Coetzee

Development of Up-to-Date GIS Data for Eritrea's Coastal, Marine and Island Biodiversity Conservation Project
Legesse Abraham Ghebremeskel



Use of Land Cover Data for Woody Biomass Stock Estimates in Eastern and Central Africa

V. Avitabile, R. Drigo, A. di Gregorio and P. Sarfatti

Comparative Assessment of Nigeriasat-1 and Landsat ETM+ for Deforestation Monitoring in the Niger Delta

Ayobami T. Salami and Ekundayo E. Balogun

Cocoa Swollen Shoot Viral Disease Control in Ghana with GIS as part of the Programme Monitoring and Evaluation System: A Collaboration between COCOBOD-CSSVD and CERSGIS in GIS-capability building of CSSVD

S. K. Gyamfi, Emmanuel Amamoo-Otchere, Foster Mansah and Ansu Gyeabour

Ghana Government-DfID Sponsored GIS-Mapping of Feeder Roads and Road Condition Database Development To Support Road Building and Maintenance Monitoring: A Collaboration Between the Department of Feeder Roads and Cersgis for GIS Capacity-Building

E. M. Sablah, Emmanuel Amamoo-Otchere and Foster Mensah

Building upon the Existing GIS-Capacity of the Pilot Districts under the UNDP-GoG Environment Resource Management Project for Ecosystem Functions Rehabilitation of Degraded Watersheds: A Collaboration between the UNDP-GoG ERM Project Secretariat and CERSGIS

G.K. Ofori, Emmanuel Amamoo-Otchere, Foster Mansah and Benjamin Akuetteh

Ghana's Horticulture Export Initiative's Pineapple Produce Traceability Information System Development with GIS: A Collaboration between the Ministry of Food and Agriculture and CERSGIS

Joseph Yeng Faalong, Emmanuel Amamoo-Otchere, Benjamin Akuetteh and Mawuli Agboka