



CONFERENCE PROGRAMME

Monday, 6 March 2006

09:00-17:00

FIG Council meeting

Venue: Kwafie

- by invitation only

Tuesday, 7 March 2006

09:00-17:00

Council ACCO meeting

Venue: Kundum

- by invitation only

Wednesday, 8 March 2006

09:00-10:00

Opening Ceremony

Venue: Aday Kesie

Chair: **Odenho Gyapong Ababio**, President, National House of Chiefs, Ghana

Rapporteur: Dr. **Isaac Bonsu Karikari**, Ghana

Welcome Address: Dr. **B. E. K. Prah**, President of GhIS

Greeting from Sister Associations: Prof. **Ian Dowman**, President of ISPRS on behalf of JB-GIS and other partners

Welcome Greeting: Hon. Prof. **Dominic Fobih**, Minister of Lands, Forestry and Mines, Ghana

Keynote Address and Opening of the Conference: Univ.-Prof. Dr.-Ing. **Holger Magel**, President of FIG: Promoting Land Administration and Good Governance

Keynote Address and Official Opening: His Excellency **John Henry Mensah** on behalf of His Excellency Mr. **John Agyekum Kuffour**, President of the Republic of Ghana

Wednesday, 8 March 2006

10:00-10:30

Opening of the Exhibition

Venue: Damba III

Coffee/Cocoa Break

Venue: Damba III

Wednesday, 8 March 2006

10:00-17:00

Exhibition

Venue: Damba III

Wednesday, 8 March 2006

10:30–12:00

Plenary Session 1 – Land Administration and Good Governance

Venue: Adae Kesie

Chair: Dr. **Andreas Drees**, Germany, Vice President of FIG

Rapporteur: Prof. **S. O. Asiamah**, Ghana

PS1.1 Dr. **Mika-Petteri Törhönen**, FAO: Land Administration and Good Governance

PS1.2 Dr. **Wordsworth Odame Larbi**, Project Director, Land Administration Program, Ministry of Lands, Forestry and Mines (Ghana): Land Administration Reform in a Plural Environment – The Case of Ghana

PS1.3 Mr. **Godfried J. M. Barnasconi**, Director, Kadaster International (The Netherlands): Re-Design Land Administration Strategy for Good Governance

Wednesday, 8 March 2006

12:00–13:30

Lunch

Venue: La Palm Hotel

Wednesday, 8 March 2006

13:30–15:00

TS 1 – Good Governance, Land Administration and Land Administration Program (LAP) in Ghana

Venue: Adae Kesie

Commission: 3 and 7 and Ministry of Lands, Forestry and Mines

Chair: Dr. **Edward F. Dwumfour**, Task Team Leader, World Bank Desk for the LAP Project

Rapporteur: Mr. **András Osskó**, Hungary, Chair Elect of FIG Commission 7

TS1.1 Dr. **Isaac Bonsu Karikari** (Ghana): Ghana's Land Administration Project (LAP) and Land Information Systems (LIS) Implementation: The Issues

TS1.2 Dr. **Mechthild Runger**, GTZ Programme Manager, Good Governance Programme Ghana: Governance, Land Rights and Access to Land in Ghana – A Development Perspective on Gender Equity

TS1.3 Mr. **Uzochukwu Okafor** (Namibia): Land Reform Policy and the Imperatives of Good Governance

TS1.4 Dr. **Shittu R. Akinola** (Nigeria): Land Use Decree, Forest Administration and Governance Crises in Nigeria

TS 2 – Application of IT in Land Administration and SDI

Venue: Damba I

Commission: 3 and 7

Chair: Mr. **Gerhard Muggenhuber**, Austria, Chair of FIG Commission 3

Rapporteur: Mr. **John Ayer**, Lecturer, KNUST, Ghana

TS2.1 Mr. **Ibrahim Usman Jibril** (Nigeria) Computerization of the Cadastral and Land Registry: The Abuja Experience

TS2.2 Mr. **Augustus U. S. Didigwu** (Nigeria): The Consequences of Destroying Survey Beacons by the African Public – A Case Study of Nigeria

TS2.3 Dr. **Matthew N. Ono** and Dr. **Joel I. Igbokwe** (Nigeria): Realizing Rural Area Cadastre and Land Management in the Emerging Technology. This paper has not been presented in the conference.

TS2.4 Mr. **Konstantinos Daniilidis** (Greece): GIS Cadastre Applications without GIS Software

TS2.5 Mr. **Olof Olsson** and Mr. **Christos Papadopoulos** (Sweden): Employment of the User Interface 2000 for the Development of the New National Cadastral Index Map of Sweden – Some Experiences

TS2.6 Ms. **Vehupisa Kasuko Tjatindi** (Namibia) and Ms. **Kholoud Saad** (Egypt): Directorate of Survey and Mapping (DSM), Namibia Digital Cadastral Information System

TS 3 – Issues on Urban Growth: Customary Title and Informal Settlements

Venue: Damba II

Commission: 8, 7 and 3

Chair: Dr. **Yaw Adarkwah Antwi**, National Facilitator, LAPU, Ghana

Rapporteur: Dr. **Diane Dumashie**, Chair of FIG Commission 8

TS3.1 Ms. **Theodora Mantebea Mends** and **Johan de Meijere** (The Netherlands): A Study of the Institution of the Customary Land Tenure System in the Supply of Property Rights for Urban Development – An Example of Accra, Ghana

TS3.2 Dr. **Diane A. Dumashie** (United Kingdom): People and Places: The Importance of the Supply of Land in Delivering Affordable Housing in Informal Settlement

TS3.3 Dr. **Bioye Tajudeen Aluko** and Mr. **Abdul Amidu** (Nigeria): Urban Low – Income Settlements, Land Deregulation and Sustainable Development in Nigeria. This paper has not been presented in the conference.

TS3.4 Dr. **Chryssy Potsiou** and Prof. **Charalabos Ioannidis** (Greece): Informal Settlements in Greece: The Mystery of Missing Information and the Difficulty of Their Integration into a Legal Framework

TS3.5 Mr. **Wakuru Magigi** and Mr. **B. B. K. Majani** (Tanzania): Housing Themselves in Informal Settlements: A Challenge to Community Growth Processes, Land Vulnerability and Poverty Reduction in Tanzania. This paper has not been presented in the conference.

TS 4 – Professional Education in Africa

Venue: Kundum

Commission: 2

Chair: Dr. **E. Amamoo Otchere**, CERSGIS, Legon, Ghana

Rapporteur: Prof. **Stig Enemark**, Denmark, Vice President of FIG

TS4.1 Dr. **Peter C. Nwilo** and **Dennis A. Osanwuta** (Nigeria): Continuous Geoinformatics Curriculum Development for African Universities. This paper has been presented in the workshop on education in Africa.

TS4.2 Prof. **S. O. Asiamah** (Ghana): Professional Surveying Education at the KNUST

TS4.3 Prof. **Olubodun Ayeni** (Nigeria): Curriculum Development in Geomatics Education: New Challenges of Digital Information Technology

TS4.4 Mr. **William Kalande** (Kenya): Land and Geospatial Administrators' Professional Training after War – A Case Study of Somalia. This paper has not been presented in the conference.

Workshop – AFREF I

Venue: Odwira

Commission: UN ECA, RECTAS and FIG Commission 5

Chair: Dr. **Jide Kufoniyi** (Nigeria), Executive Director, RECTAS

Rapporteur: Prof. **Rudolf Staiger** (Germany), Chair Elect, FIG Commission 5

WS1.1 Dr. **Ruth E. Neilan** (USA): The Global Geodetic Infrastructure – A Framework for AFREF

WS1.2 Mr. **Richard Wonnacott** (South Africa): The AFREF Project: Background, Rationale and Progress

WS1.3 Mr. **Eugene C. Onyeka** (Nigeria): Relating the Nigerian Reference Frame and AFREF

WS1.4 Dr. **Paula Santos** and Dr. **Nuno Lima** (Portugal) and Mr. **José Luis Quembo** (Mozambique): Adjustment of the Classical Terrestrial Geodetic Network of Mozambique Tied to ITRF

WS1.5 Mr. **Yaw Poku-Gyamfi** (Ghana) and Dr. **Günter W. Hein** (Germany): Framework for the Establishment of Nationwide Network for Global Navigation Satellite System (GNSS) Reference Stations – A Cost Effective Tool for Land Development in Ghana

Wednesday, 8 March 2006

15:00–15:30

Coffee/Cocoa Break

Venue: Damba III

Wednesday, 8 March 2006

15:30–17:00

TS 5 – Customary Rights in Africa

Venue: Adaye Kesie

Commission: 7 and Ministry of Lands, Forestry and Mines

Chair: Dr. **Paul van der Molen**, Chair of FIG Commission 7

Rapporteur: Mr. **Alhaji H. I. Baryen**, Executive Secretary, Lands Commission, Ghana

TS5.1 Dr. **Yaw Adarkwah Antwi** (Ghana): Strengthening Customary Land Administration: A DFID/World Bank Sponsored Project in Ghana

TS5.2 Chief **Kuumbu Naa Yiri II (Alhaji Idrisu Abu)** (Ghana): Customary Lands Administration and Good Governance in Ghana – The State and Traditional Rulers Interface. This paper has not been presented in the conference.

TS5.3 Dr. **Augustine Mulolwa** (Zambia): Demystifying Customary Tenure in Zambia. This paper has not been presented in the conference.

TS5.4 Eng. **Anthony Arko-Adjei** (Ghana): A Conceptual Approach for Enhancing Customary Land Management: Case from Ghana

TS5.5 Mr. **E. Amamoo-Otchere**, Mr. **F. K. Mensah** and Mr. **B. Akuetteh** (Ghana): Settlement Names and Cultural Identity Survey for Development of Multipurpose Geocoded Settlement Register and Database System for Ghana's Growth and Poverty Reduction Planning

TS5.6 Mr. **Tommy Österberg** (Sweden), Mr. **Mohamed Khadash** and Ms. **Kholoud Saad** (Egypt): Rwanda – Kigali City Council (KCC) Cadastral Information System

TS 6 – Spatial Data Applications

Venue: Damba I

Commission: 3 and 7

Chair: Dr. **Chryssy Potsiou**, Greece, Chair Elect of FIG Commission 3

Rapporteur: Dr. **Eric Forkuo**, KNUST, Ghana

TS6.1 Dr. **Albert J. Osei**, Dr. **Edmund C. Merem** and Dr. **Yaw A. Twumasi** (USA): Use of GIS and Remote Sensing Technology as a Decision Support Tool in Land Administration – The Case of Lagos, Nigeria

TS6.2 Dr. **Collins Fosu** (Ghana) and Mr. **Francis W. Derby** (United States): Reconciling Cadastral Records in a Dual Land Registration System in Ghana

TS6.3 Dr. **Francis I. Okeke** (Nigeria): Mapping Impervious Surface Changes in Watersheds in Part of South Eastern Region of Nigeria Using Landsat Data

TS6.4 Mr. **Stephen Yao Fiatornu** (Ghana): GIS a Tool for Transportation Infrastructure Planning in Ghana – A Case Study to the Dept. of Feeder Roads

TS6.5 Mr. **Martin Mensah**, Mr. **Eli Sablah**, Mr. **Emmanuel Amamoo-Otchere** and Mr. **Foster K. Mensah** (Ghana): Digital Mapping and GIS-Driven Feeder Road Network Database Management System for Road Project Planning and Implementation Monitoring in the Feeder Road Sector

TS6.6 Mr. **Okyeame Ampadu**, Mr. **Emmanuel Amamoo-Otchere**, Mr. **Foster K. Mensah** and Mr. **David Kpelle** (Ghana): Space Mapping Technology in Support of the Project for Biodiversity Restoration of Degraded Cocoa Production Landscapes in West Africa

TS6.7 Mr. **Simon K. Gyamfi**, Mr. **Emmanuel Amamoo-Otchere** and Mr. **Foster K. Mensah** (Ghana): Capacity Building of the COCOBOD's CSSVD Unit for Digital Maps Management in Support of the Cocoa Swollen Shoot Viral Disease Control Management Program

TS 7 – Planning and Administration Applied to Disaster Management and Land Conflicts

Venue: Damba II

Commission: 8, 7 and 3

Chair: Brigadier **Chris Kpoodor**, NADMO Director, Ghana

Rapporteur: Mr. **Simon Adcock**, Australia, Chair Elect of FIG Commission 8

TS7.1 Dr. **Olufemi Adesokan Adeleye** and Dr. **Lasun Mykail Olayiwola** (Nigeria): Town Planning Instruments as a Strategy for Disaster Risk Reduction in Nigeria. This paper has not been presented in the conference.

TS7.2 Mr. **Albert A. Abegunde** (Nigeria): Culture and Land Administration in an Industrial Environment; the Residents' Perception. The Case Study of Warri Region, Nigeria. This paper has not been presented in the conference.

TS7.3 Dr. **Abel Omoniyi Afon**, Mr. **Olajoke Abolade** and Mr. **Simon Ayorinde Okanlawon** (Nigeria): Users' Perception of Environmental Hazards and Risks as a Tool in Public Space Management: The Case of Selected Motor Parks in Lagos, Nigeria. This paper has not been presented in the conference.

TS7.4 Dr. **Babette Wehrmann** (Germany): Cadastre in Itself Won't Solve the Problem: The Role of Institutional Change and Psychological Motivations in Land Conflicts – Cases from Africa. This paper has not been presented in the conference.

TS 8 – Professional Education

Venue: Kundum

Commission: 2

Chair: Prof. **Ian Dowman**, President of ISPRS

Rapporteur: Mr. **Edwin Addo Tawiah**, Head, Photogrammetry Section, Survey Dept., Ghana

TS8.1 Mrs. **Naana Amakie Boakye-Agyeman** (Ghana): Polytechnic Education in Ghana: The Case of the HND Estate Management Programme

TS8.2 Mr. **J. C. Koos Landman** (South Africa): Designing a First Qualification in Land Administration in South Africa Using the Principles of Outcomes-Based Education

TS8.3 Prof. **Gheorghe Mugurel T. Radulescu** and **Corina Michaela Radulescu** (Romania): The Medium and Superior Level Professional Qualification of Topographers – The Romanian Experience. This paper has not been presented at the conference.

TS8.4 Mr. **Winston Ayeni** (Nigeria): Training of Technicians – The Kaduna Experience

Workshop – AFREF II

Venue: Odwira

Commission: UN ECA, RECTAS and FIG Commission 5

Chair: Mr. **Matt Higgins** (Australia), Chair of FIG Commission 5

Rapporteur: Mr. **Rob Sarib** (Australia), Vice Chair of FIG Commission 5

- **Richard Wonnacott**: Overview of AFREF - Basic Principles of AFREF
- **Jide Kufoniya**: Role of Regional Centres and NMOs - Terms of Reference
- **Richard Wonnacott**: Implementation Issues: IGS Standards
- **Richard Wonnacott**: Broad Outline of Costs

International Support

- IAG, **Ruth Neilan**
- FIG, **Matt Higgins**
- UN ECA, **Chukwudozie Ezigbalike**
- **Richard Wonnacott**: Way Forward: Cape Town Workshop; Call for Participation; Fund Raising (?)

Wednesday, 8 March 2006

19:00-

Welcome Reception

Venue: La Palm Hotel

Thursday, 9 March 2006

08:30-10:00

Plenary Session 2 – Capacity Building in Africa

Venue: Adaye Kesie

Chair: Prof. **Holger Magel**, President of FIG

Rapporteur: Dr. **B. E. K. Prah**, President of GhIS

PS2.1 Prof. **Stig Enemark**, Vice President of FIG (Denmark): Capacity Building for Institutional Development in Surveying and Land Management

PS2.2 Dr. **Ian Dowman**, President of ISPRS, University College London, Chair of Joint Board for Geoinformation Societies Ad Hoc Committee on Capacity Building for Africa, (United Kingdom): Capacity Building for Efficient Use of Geospatial Information

PS2.3 Captain **Hugo M. Gorziglia**, Director of IHO (Chile): The IHO Capacity Building Efforts in the Region

Thursday, 9 March 2006

09:00–17:00

Exhibition

Venue: Damba III

Thursday, 9 March 2006

10:00-10:30

Coffee/Cocoa Break

Venue: Damba III

Thursday, 9 March 2006

10:30–12:00

TS 9 – Need for Institutional Change and Land Administration

Venue: Adaye Kesie

Commission: 7

Chair: Mr. **Christiaan Lemmen**, The Netherlands

Rapporteur: Mr. **Kwame Gyan**, LAP Secretariat, Ghana

TS9.1 Mr. **András Osskó** (Hungary): Questions on Sustainable Land Administration

TS9.2 Prof. **Paul van der Molen** (The Netherlands): Unconventional Approaches to Land Administration; The Need for an International Research Agenda

TS9.3 Mr. **Tommy Österberg** (Sweden): Experiences of Cadastral Development in Southern and Eastern Africa

TS9.4 Dr. **Bioye Tajudeen Aluko** and Mr. **Abdul-Rasheed Amidu** (Nigeria): Women and Land Rights Reforms in Nigeria. This paper has not been presented in the conference.

TS 10 – Planning and Development in Governance: Urban and Rural Environments

Venue: Damba I

Commission: 8, 7 and 9

Chair: Dr. **Diane Dumashie**, United Kingdom, Chair of Commission 8

Rapporteur: Mr. **Edward T. Karbo**, Director, Town & Country Planning, Ghana

TS10.1 Mr. **David Parsons** (United Kingdom): The Quadrant – The Ownership, Management and Design of Property Schemes to Promote Sustainable Development

TS10.2 Mr. **Frank Friesecke** (Germany): Revitalization of Urban Areas through Business Improvement Districts (BIDs) – Trends and Expectations for Shrinking Cities

TS10.3 Mr. **Emmanuel A. Otoo**, Dr. **Duncan J. Whyatt** and Dr. **Uwem E. Ite** (United Kingdom): Quantifying Urban Growth in Accra Metropolitan Area (Ama), Ghana and Exploring Causal Mechanisms

TS10.4 Mr. **Wafula Nabutola** (Kenya): Financing Urban Infrastructure Development and Maintenance with Particular Reference to Nairobi. This paper has not been presented in the conference.

TS10.5 Mr. **Robert N. Wayumba** and Mr. **Jasper N. Mwenda** (Kenya): The Impact of Changing Land Tenure and Land Use on Wildlife Migration within Group Ranches in Kenya: A Case Study of the Amboseli Ecosystem

TS 11 – Land Management Using GNSS and GIS

Venue: Damba II

Commission: 5 and 3

Chair: Mr. **Hartmut Müller** (Germany)

Rapporteur: Mr. **Robert Sarib** (Australia)

TS11.1 Mr. **Sean Wiid** (South Africa) and Dr. **Mike Barry** (Canada): Combining Soft Systems Methodology and the Process Outcomes Model for the Evaluation of Location Based Services in South Africa

TS11.2 Mr. **Collins Fosu** and Mr. **Yaw Poku-Gyamfi** (Ghana) and Dr. **Günter W. Hein** (Germany): Global Navigation Satellite System (GNSS) – A Utility for Sustainable Development in Africa

TS11.3 Mr. **Sylvester Gabianu** and Mr. **Herbert Djaba** (Ghana) and Ms. **Magdalena Andersson** (Sweden): Urban Management Land Information System in Ghana

TS11.4 Mr. **Joseph Yeng Faalong**, Mr. **Mawuli Agboka**, Mr. **E. Amamoo-Otchere** and Mr. **B. Akuetteh** (Ghana): Capacity Building in Digital Mapping and GIS for Boosting the Agricultural Sector: Development of GIS-driven Horticulture Produce Information System for Managing the Export Sector

TS11.5 Dr. **Liang Yong**, Mr. **Lin Xiang-guo Lin** and Mr. **Zhang Cheng-ming** (China P. R.): Study on Digital Water Conservancy Based on 3S Technology. This paper has not been presented in the conference.

TS11.6 Mr. **Joseph Owusu**, Mr. **Francis Afukaar** and Mr. **B. E. K. Prah** (Ghana): Towards Improving Road Traffic Data Collection: The Use of GPS/GIS

TS11.7 Mr. **Yaqin Wang**, Mr. **Hua Gao**, Mr. **Huaxue Tao**, Dr. **Yong Liang** and Mr. **Pingju Ge** (China P. R.): Research on the Framework System and Technical Platform of Digital Agriculture. This paper has not been presented in the conference.

TS 12 – Land Administration Issues in Africa

This session will be in French

Venue: Kundum

Commission: Joint with FGF (Fédération des Géomètres Francophones)

Chair: M. **Alain Gaudet**, President of FGF

Rapporteur: Dr. **Ralf Schroth**, Germany, Vice President of FIG

TS12.1 M. **Jacques Gastaldi** (France): Politiques Foncières et le Cadastre Rural

TS12.2 M. **Roch Abdon Bah** (Benin): L'immatriculation collective, le Registre Foncier Urbain et le Plan Foncier Rural: Expériences Béninoises et la généralisation du cadastre

TS12.3 M. **Alain Bagré** (Burkina Faso): Customary and Modern Laws and the Surveyor's Role in Burkina Faso

TS12.4 M. **Henri Njomgang** (Cameroun): Enjeux et perspectives d'une réforme foncière au Cameroun

TS12.5 M. **Séraphin Matshitshi** (Democratic Republic of the Congo): Presentation de la Problématique du Foncier de la R. D. Congo

TS12.6 M. **Sani Moussa Loutou** (Niger): Immatriculation du Foncier Rural au Niger

TS 13 – Mine Issues

Venue: Odwira

Commission: ISM and Commission 3

Chair: Mr. **Svend Kold Johansen**, Denmark, Chair of FIG Commission 6

Rapporteur: Mr. **Joseph Moses**, Ghirano Mines, Ghana

TS13.1 Prof. **Yu Changxing**, Deputy President of ISM (China, P. R.): About the Sustained Development of Mine Cities and Districts

TS13.2 Mr. **Bill Feast**, Mr. **Jonathan Davids** and Mr. **Toby Mills** (South Africa) and Mr. **Paul DeVries** (Sweden): Mining Cadastre in Africa – Lessons Learnt. This paper has not been presented at the conference.

TS13.3 Prof. **Song Weidong** and Mr. **Yang Lun** (China P. R.): Research on the Principle and Methodology of Open Pit Dumping Area Ecological Restoration and Rebuilding

Thursday, 9 March 2006

12:00–13:30

Lunch

Venue: La Palm Hotel

Thursday, 9 March 2006

13:30–15:00

TS 14 – Innovations in Land Administration Processes

Venue: Aday Kesie

Commission: 7

Chair: Mr. **András Osskó**, Hungary, Chair Elect of FIG Commission 7

Rapporteur: Mrs. **Rebecca Sittie**, Ag. Chief Registrar of Lands, Land Title Registry, Ghana

TS14.1 Dr. **Mike Barry** (Canada): Talking Titler Multimedia Land Management System

TS14.2 Dr. **Bob Arnot** (Nigeria) and Mr. **John Meadows** (United Kingdom): Reforming the Land Registration Process in Nigeria

TS14.3 Dr. **Peter Kuntu-Mensah** (USA): On the Implementation of Land Title Registration in Ghana

TS14.4 Mr. **Sohail El Abd** and Ms. **Kholoud Saad** (Egypt): Egyptian Survey Authority Geographic Information Management System (ESA GIM)

TS14.5 Mr. **Bryson B. H. Morebodi** (Republic of Botswana): Botswana – Department of Surveys and Mapping (DSM) Cadastral Information System

TS 15 – Geodetic and GNSS Developments

Venue: Damba I

Commission: 5

Chair: Prof. **Rudolf Staiger** (Germany), Chair Elect, FIG Commission 5

Rapporteur: Mr. **Robert Sarib** (Australia)

TS15.1 Mr. **Matt Higgins**, Dr. **Chris Rizos** and Mr. **Steve Hewitson** (Australia): Next Generation Global Navigation Satellite Systems

TS15.2 Prof. **Adam Łyszkowicz** and Prof. **Jan Krynski** (Poland): Regional Quasi-Geoid Determination in the Area of Poland

TS15.3 Mr. **Qudus O. Taiwo** and Mr. **C. O. Adeofun** (Nigeria): Accuracy Assessment of Digital Terrain Model Data: A Cost Effective and Analytical Approach. This paper has not been presented in the conference.

TS15.4 Dr. **Hansbert Heister** (Germany): Standards for Checking GNSS Surveying Systems –The Actual Status. This paper has not been presented in the conference.

TS 16 – Marine and Coastal Zone Management – Environmental Planning Issues

Venue: Damba II

Commission: 4 and 8

Chair: Mr. **Simon Adcock** (Australia)

Rapporteur: Mr. **Adam Greenland** (United Kingdom/New Zealand), Chair of Commission 4

TS16.1 Dr. **Michael Sutherland** (Canada): Environmental Management of Marine and Coastal Spaces: Lessons from a Canadian Aquaculture Case Study

TS16.2 Mr. **David Neale** (Trinidad and Tobago): Marine Administration in Small Island Developing States (SIDS)

TS16.3 Mr. **Teo Cheehai** and Mr. **Ahmad Fauzi Nordin** (Malaysia): A National Geocentric Datum and the Administration of Marine Spaces in Malaysia

TS16.4 Mr. **Isaac Boateng** (United Kingdom): Shoreline Management Planning: Can it Benefit Ghana? A Case Study of UK SMPs and Their Potential Relevance in Ghana

TS16.5 Mr. **J. A. Allotey**, Mr. **D. S. Amlalo**, Mr. **G. M. Biekro**, Mr. **E. Amamoo-Otchere** and Mr. **B. Akuette** (Ghana): Aerospace and GIS Technology for Addressing Multi-institutional Coastal Environment Monitoring: The Way forward in Ghana and the West African Sub-region

TS16.6 Prof. **Fatai Egberongbe**, Dr. **Peter Nwilo** and Mr. **Olusegun Badejo** (Nigeria): Oil Spill Disaster Monitoring Along Nigerian Coastline

Workshop – Education in Africa I

Venue: Kundum

Commission: 2 and Joint Board of Geospatial Information Societies (JB-GIS)

Chair: Prof. **Stig Enemark**, Denmark, Vice President of FIG

Rapporteur: Mr. **Christiaan Lemmen**, The Netherlands and Mr. **Julius Kramba**, Past President of GhIS, Ghana

WS2.1 Dr. **B. E. Kesi Prah**, President of GhIS and KNUST (Ghana): Education in Ghana and Western Africa

WS2.2 Dr. **Peter C. Nwilo** (Nigeria): Education in Nigeria and Aspects on Surveying Education Situation in Central Africa

WS2.3 Mr. **Alain Bagré** (Burkina Faso): Surveying Education in Sub-Saharan Francophone Africa

TS 17 – Mine Issues – Ecological and Environmental Issues

Venue: Odwira

Commission: ISM and Commission 3

Chair: Prof. **Yu Changxing**, China, P. R., Deputy President of ISM

Rapporteur: Mr. **Edward E. Duncan**, University Mines and Technology, Ghana

TS17.1 Mr. **Richard K. Afenu**, Mr. **Philip Y. O. Amoako**, Mr. **Benjamin Aryee**, Mr. **Peter Awuah**, Dr. **Andreas Barth**, Mr. **Andre Barth**, Mr. **Thomas Berndt**, Mr. **Kwame O. Boamah** and Dr. **Frank Schmidt** (Ghana and Germany): Planning and Implementation of the Information Management System of the Mining Sector of Ghana

TS17.2 Mr. **Ken Allen** (Ghana): Open Pit Mine Scheduling – A Case Study at Bogoso Gold Limited

TS17.3 Prof. **Shi Jinfeng**, Mr. **Wang Jiren** and Mr. **Wang Leigui** (China P. R.): Develop a Mine and Geology Park – The Best Choice for Large Open Mine When Completion

TS17.4 Mr. **Xu Aigong** (China P. R.): Ecological and Environmental Influences in the Construction of West Gas Supplying to East Project in China

Thursday, 9 March 2006

15:00–15:30

Coffee/Cocoa Break

Venue: Damba III

Thursday, 9 March 2006

15:30–17:00

TS 18 – Making Land Administration Pro Poor

Venue: Aday Kefie

Commission: 7 and 8

Chair: Dr. **Diane Dumashie**, United Kingdom, Chair of Commission 8

Rapporteur: Mr. **Thomas Ansre**, LAPU, Ghana

TS18.1 Mr. **Ibrahim Usman Jibril** (Nigeria): Resettlement Issues, Squatter Settlements and the Problems of Land Administration in Abuja, Nigeria's Federal Capital

TS18.2 Dr. **Lasun Mykail Olayiwola** and Mr. **Olufemi Adeleye** (Nigeria): Land Reform – Experience from Nigeria

TS18.3 Ir. **Paul C. M. van Asperen** (The Netherlands) and Dr. **Augustine Mulolwa** (Zambia): Improvement of Customary Tenure Security as Pro Poor Tool for Land Development – A Zambian Case Study

TS18.4 Mr. **Paul Chege** (Kenya): Participatory Urban Planning and Partnerships Building: Supporting Provision of Access to Basic Services for the Urban Poor: A Case Study Based on Practical Action's (ITDG) Experiences in Kitale, A Secondary Town in Kenya

TS18.5 Mr. **Emmanuel Offei Akrofi** (Ghana): Urbanisation and the Urban Poor in Africa

TS 19 – Positioning and Measurement in Practice

Venue: Damba I

Commission: 5 and 6

Chair: Prof. **Rudolf Staiger** (Germany), Chair Elect, FIG Commission 5

Rapporteur: Mr. **Svend Kold Johansen**, Denmark, Chair of FIG Commission 6

TS19.1 Dr. **Ivo Milev** and Prof. **Lothar Gruendig** (Germany): Geometrical Approximation and Segmentation of Laser Scanning Point Clouds

TS19.2 Dr. **Francis I Okeke** (Nigeria): InSAR Operational and Processing Steps for DEM Generation

TS19.3 Mr. **Warwick Hadley** (Canada): Airborne Laser Remote Sensing Technology: Providing Essential Hydrologic Information in the 21st Century

TS19.4 Prof. **Adam Łyszkowicz** and Mr. **Marcin Leonczyk** (Poland): The Fourth Precise Levelling Campaign of Poland in 1999–2003

TS19.5 Mr. **L. G. (Jake) Jenkins** (Canada): Key Drivers in Determining Lidar Sensor Selection

TS 20 – Hydrography

Venue: Damba II

Commission: 4

Chair: Mr. **Adam Greenland**, United Kingdom/New Zealand, Chair of Commission 4

Rapporteur: Mr. **David Neale**, Trinidad and Tobago

TS20.1 Captain **Dominique Baggio**, SHOM (France): Assessment and Future Prospects for Hydrography in Western and Central Africa Maritime Safety and Coastal Global Development.

TS20.2 Mr. **George Owusu-Ansah**, Port Hydrographic Surveyor (Ghana) : Hydrographic Surveying in Ghanaian Perspective

TS20.3 Mr. **Innocent N. Egbuh** (Nigeria): Charting Nigerian Waters for Safer Navigation

Workshop – Education in Africa II

Venue: Kundum

Commission: 2 and JB GIS

Chair: Prof. **Stig Enemark**, Denmark, Vice President of FIG

Rapporteur: Mr. **Christiaan Lemmen**, The Netherlands and Mr. **Julius Kramba**, Past President of GhIS, Ghana

TS 21 – Professional Practice – Enhancing Professionalism

Venue: Odwira

Commission: 1

Chair: Ms. **Leonie Newnham**, Australia

Rapporteur: Mr. **Dietmar Sperling**, Germany

TS21.1 Mr. **Iain Greenway** (Ireland): Business Practices for Surveyors

TS21.2 Mr. **Francis Chigiinge** (Botswana): The Balance between Data Quality and User's Information Needs – Thinking Strategically for Rational Decision-Making. This paper has not been presented in the conference.

TS21.3 Mr. **G. K. (Ken) Allred** (Canada): Marketing the Profession – Some Strategies that Work

TS21.4 Mr. **Yaacoub Saade** (Lebanon): Professional Partnership – A Vision through Ethics

Thursday, 9 March 2006
17:15–18:15

ISPRS Open Meeting

Venue: Odwira

Commission: ISPRS

Thursday, 9 March 2006
19:00–

Ghanaian Evening

Venue: Coconut Grove Hotel

Friday, 10 March 2006
08:30–10:00

Plenary Session 3 – New Cadastral Domains

Venue: Adaye Kesie

Chair: Prof. **Paul van der Molen**, The Netherlands, Chair of FIG Commission 7

Rapporteur: Mr. **Samuel Larbi Darko**, Director, Sibus Ltd., Ghana

PS3.1 Dr. **Clarissa Augustinus** Chief, Land and Tenure Section, UN-Habitat: Cadastral Domain Model

PS3.2 Mr. **Christiaan Lemmen** (The Netherlands): The Core Cadastral Domain Model: Focus on Non-Statutory Systems

PS3.3 Mr. **Iain Greenway** (Ireland): Why Standardise?

PS3.4 **Antony Joseph, Joseph T. Odametey, Emmanuel K. Nkebi, Ehrlich Desa, Arvind Pereira, R. G. Prabhudesai, Prakash Mehra, Alexander B. Rabinovich, Vijaykumar, Shivanand Prabhudesai and Philip Woodworth**: Detection of the 26 December 2004 “Sumatra Tsunami” on the Eastern Atlantic Coast

Friday, 10 March 2006
09:00–12:00

Exhibition

Venue: Damba III

Friday, 10 March 2006

10:00-10:30

Coffee/Cocoa Break

Venue: Damba III

Friday, 10 March 2006

10:30–12:00

TS 22 – e-Governance – Management of SDI

Venue: Adaye Kesie

Commission: 3

Chair: Mr. **Gerhard Muggenhuber**, Austria, Chair of Commission 3

Rapporteur: Dr. **Collins Fosu**, Head, Geodetic Dept., KNUST, Ghana

TS22.1 Dr. **Harmut Müller** (Germany): Promoting Land Administration and Good Governance by SDI – The European Way

TS22.2 Mr. **Anthony A. Adeoye** (Nigeria): Abuja Geographic Information Systems (AGIS) as a Tool for Good Governance in Nigeria

TS22.3 Mr. **Andreas Barth** (Germany): Nationwide Collection, Recording and Provision of Geo-scientific Data: Examples from Ghana, Namibia, Germany and Kosovo – An Experience Report

TS22.4 Mr. **Bo Lauri** (Sweden): Land and Geographic Information, an Important Part of the Infrastructure in Sweden

TS22.5 Mr. **Brent A. Jones** (USA): The Use of GIS for Surveyors and Engineers in Developing Nations for Building Infrastructure

TS22.6 Dr. **Peter Kuntu-Mensah** (USA): Geographic Information Systems: Indispensable Ingredient for Good Governance in Ghana

TS 23 – Planning Urban Space

Venue: Damba I

Commission: 8 and 3

Chair: Dr. **Chryssy Potsiou**, Greece, Chair Elect of FIG Commission 3

Rapporteur: Dr. **Chryssy Potsiou**, Greece, Chair Elect of FIG Commission 3

TS23.1 Dr. **Joel I. Igbokwe** (Nigeria): Mapping and Spatial Characterisation of Major Urban Centres in Parts of South Eastern Nigeria with Nigersat-1 Imagery. This paper has not been presented in the conference.

TS23.2 Dr. **Andrew Manu**, Dr. **Yaw A. Twumasi** and Mr. **Tommy L. Coleman** (USA): Is It the Result of Global Warming or Urbanization? The Rise in Air Temperature in Two Cities in Ghana

TS23.3 Dr. **Yaw A. Twumasi**, Dr. **Andrew Manu**, Dr. **Tommy L. Coleman** and Dr. **Albert J. Osei** (USA): Role of Geo-spatial Information Management as a Decision Support Tool in Land Use Planning: A Case of Ghana

TS23.4 Prof. **N. N. N. Nsowah-Nuamah**, Mr. **E. Amamoo-Otchere**, Mr. **F. K. Mensah** and Mr. **B. Akuetteh** (Ghana): GIS-Conversion of the Population and Housing Census Data and Harmonization with Other Government Databases for Use by Planning and Development Agencies

TS23.5 Mr. **Boualem Chorfa**, Mr. **Larbi Benmohamed** and Mr. **Nadir Allal** (Algeria): Assistance System to the Issuance of Urbanism Authorizations – ASIUA: Application to the Arzew City. This paper has not been presented in the conference.

TS23.6 Dr. **Edward Fekpe** (USA): Spatial Data Quality and Transportation Applications. This paper has not been presented in the conference.

TS 24 – Valuation and Quantity Surveying Aspects from Africa

Venue: Damba II

Commission: 9 and 10

Chair: Mr. **Simon Adcock**, Australia, Chair Elect of FIG Commission 8

Rapporteur: Mr. **Charles Sagoe**, Past President of GhIS, Ghana

TS24.1 Ms. **Theodora M. Mends** (Ghana): Property Valuation in Ghana: Constraints and Contradictions

TS24.2 Mr. **Frank Gyemfi-Yeboah** and Mr. **Jonathan Ayitey** (Ghana): Assessing Depreciation for Valuation Purposes – A Decompositional Approach

TS24.3 Mr. **Jonathan Ayitey**, Mr. **Frank Gyemfi-Yeboah** and Mr. **Anthony Gambrah** (Ghana): Value Inventors or Assessors?

TS24.4 Dr. **Lasun Mykail Olayiwola**, Mr **Olufemi A. Adeleye** and Mr. **Adeleke Oduwaye** (Nigeria): Spatial Variation of Residential Land Value Determinants in Lagos, Nigeria. This paper has not been presented in the conference.

TS24.5 Prof. **Olubodun O. Ayeni** and Mr. **Oluwaseun S. Adewale** (Nigeria): Evaluation of Tenement Rate Administration Using the GIS Tools. This paper has not been presented in the conference.

TS24.6 Mr. **Simon Adcock** (Australia): Land Administration of Contaminated Sites – Considering Alternative Uses

Workshop – Cadastral Domain Model

Venue: Kundum

Commission: 7 and UN-Habitat

Chair: Prof. **Paul van der Molen**, The Netherlands, Chair of FIG Commission 7

Rapporteur: Mr. **Christiaan Lemmen**, The Netherlands and Dr. Mrs. **Matilda Fiadzigbey**, Administrator of Stool Lands, Ghana

TS 25 – Improving Professional Practice and Education

Venue: Odwira

Commission: 1 and 2

Chair: Mr. **Amoah Mensah**, Snr Vice President of GhIS, Ghana

Rapporteur: Mr. **Dietmar Sperling**, Germany

TS25.1 Mr. **G. K. (Ken) Allred** (Canada): The Professional Association and Its Role in Protecting the Public Interest in a Developing Nation

TS25.2 Ms. **Leonie Newnham** (Australia): Innovation within Various Components of the Land Management Paradigm, What Creates Success?

TS25.3 Mr. **Teo CheeHai** (Malaysia): Implementing Mutual Recognition of Surveying Qualification in ASEAN

TS25.4 Mr. **Jones Ofori-Boadu** (Ghana): Standards in Ghana

Friday, 10 March 2006

12:00

Coffee/Cocoa

Friday, 10 March 2006

12:00–13:30

Closing Ceremony and Opening of the GhIS Annual General Meeting

Venue: Adaye Kesie

Chair: Hon. **Felix O. Adjapong**, Minister of Parliamentary Affairs, Ghana and

Hon. **Theresa Amarley Tagoe**, Dep. Minister of Lands, Forestry & Mines

Rapporteur: Ms. **Yvonne Sowah**, GhIS, GP Chairperson, Ghana

Univ.-Prof. Dr.-Ing. **Holger Magel**, President of FIG: Summary of the Conference and Conference Recommendations

Mr. **Thomas Gollwitzer**, Congress Director, FIG 2006: Welcome to FIG 2006 in Munich

Dr. **B. E. Kesi Prah**, President of GhIS: Presidential Address and Opening of the GhIS Annual General Meeting

Univ.-Prof. Dr.-Ing. **Holger Magel**, President of FIG: Closing of the Conference

Friday, 10 March 2006

14:00–17:00

GhIS Annual General Meeting

Venue: Adaye Kesie

Friday, 10 March 2006
15:00–17:30

Technical Tour to Land Administration Program

Saturday, 11 March 2006
07:00–18:00

Technical Tour to Cape Coast