

Technical programme

Draft 1 October 2009

Saturday 17 October 2009

ACCO Meeting

Time: **Saturday, 17 October, 11:00-17:00**

Venue: Topaz Room, Daewoo Hotel

- By invitation only

Sunday 18 October 2009

ESRI Pre-conference Seminar Land Administration and GIS

Time: **Sunday, 18 October, 09:00-12:30**

Venue: Press Club, 59 A Ly Thai To St., Hanoi, Vietnam, tel. +84 4 3934 0888 and fax +84 4 3934 0899

- Fee: Free pre-registration preferred.

ACCO Meeting

Time: **Sunday, 18 October, 09:00-17:00**

Venue: Topaz and Ruby Rooms, Daewoo Hotel

- By invitation only

Council Meeting

Time: **Sunday, 18 October, 11:00-17:00**

Venue: Pearl Room, Daewoo Hotel

- By invitation only

Monday 19 October 2009

Opening Ceremony

Time: **Monday 19 October, 9:00-10:30**

Venue: Room 313, NCC

Cultural programme

Welcome Address – Dr. **Dang Hung Vo**, President of VGCR

Welcome Address – Mr. **Andrew Speedy**, FAO Representative for Vietnam

Welcome Address – Dr. **Mohamed El Sioufi**, Head, Shelter Branch, UN-HABITAT

Opening Welcome Address – Prof. **Stig Enemark**, FIG President
Cultural programme

Opening Keynote Address - Mr. **Pham Khoi Nguyen**, Minister of Environment, Vietnam Government

Cultural programme

PS 1 - Land Governance and Land Administration

Time: **Monday 19 October 2009, 11:00-12.30**

Venue: Room 313, NCC

Chair: Prof. **Stig Enemark**, FIG President

Mr. **Keith Clifford Bell**, World Bank, East Asia Pacific Region, USA:
New Trends in Land Administration and Management and the World Bank Support for
Projects in the East Asia Region (3750)

Dr. **Paul Munro-Faure**, Chief of the Land Tenure and Management Unit, FAO:
Responsible Governance of Tenure and the FAO Voluntary Guidelines (3787)

Mr. **Ton Gia Huyen**, Former Director General, General Department of Land
Administration and Mrs. **Tran Thi Minh Ha**, Director, International Relation Department,
Ministry of Natural Resources and Environment, Vietnam:
Vietnam Land Administration - the Past, Recent and for the Future (3762)

TS 1A -Land and Natural Resources Governance – Joint FIG / FAO Session

Time: **Monday, 19 October 2009, 14:00-15:30**

Venue: Room 313, NCC

Commission: FAO and FIG

Chair: Dr. **Paul Munro-Faure**, Chief of the Land Tenure and Management Unit, FAO
Rapporteur:

Dr. **Mika Törhönen**, FAO:
Good Governance in Land Tenure and Administration (3789)

Mr. **Danilo R. Antonio**, Coordinator, Global Land Tool Network (GLTN), UN-HABITAT:
Towards Good Land Governance (3759)

Dr. **Paul Munro-Faure**, Chief of the Land Tenure and Management Unit, FAO:
Compulsory Acquisition of Land and Compensation (3790)

Mr. **Tony Burns**, Australia, Dr. **Klaus Deininger**, Germany, Dr. **Harris Selod**, France
and Dr. **Kate Dalrymple**, Australia:
Implementing the Land Governance Assessment Framework (3775)

TS 1B - Land Governance and Land Management

Time: **Monday, 19 October 2009, 14:00-15:30**

Venue: Room 216, NCC

Commission: 7

Chair: Mr. **Godfried Barnasconi**, the Netherlands
Rapporteur: Dr. **Nguyen Quang Minh**, Vietnam

Dr.-Ing. **Fahria Masum**, Germany:
Urban Fringe Management and Role of Good Governance: Integrating Stakeholders in Land Management Process (3648)

Rev. **Andrus Nnaemeka Ukaejiofo**, Nigeria:
Identifying Appropriate Tools for Effective Land Governance in Nigeria (3643)

Mr. **Ganesh Prasad Bhatta**, Nepal:
How Successful Is the Land Distribution to 'Freed Bonded-labourer' (Mukta Kamaiya) in Nepal (3703)

Dr. **Quang Minh Nguyen**, Vietnam:
Enhancing Procedures for Land Use Applications and Registration for Investors in Can Tho City (3567)

Dr. **Yoji Kunimitsu**, Japan:
Public Capital Stocks for Improving Farmland Quality in Japan: Comparison Between the Less-favored Area and the Flat-Farming Area (3619)

TS 1C - Advances in GNSS Positioning and Applications I

Time: **Monday, 19 October 2009, 14:00-15:30**

Venue: Room 217, NCC

Commission: 5 and 6

Chair: Mr. **David Doyle**, USA

Rapporteur: Dr. **Gethin Wyn Roberts**, Commission 6 Chair Elect, United Kingdom

Ms. **Sharafat Gadimova** and Mr. **Hans Haubold**, Austria:
International Committee on Global Navigation Satellite Systems (ICG): A System of Systems (3705)

Dr. **Volker Schwieger**, Mr. **Jürgen Schweitzer** and Mr. **Detlev Kosmann**, Germany:
GPS Precise Point Positioning as a Method to Evaluate Global TanDEM-X Digital Elevation Model (3542)

Mr. **Joël Van Cranenbroeck**, Belgium, Mr. **Vincent Lui**, Hong Kong SAR, China and Prof. **Chris Rizos**, Australia:
Ultimate Advance in GNSS RTK Monitoring Accuracy (3611)

Mr. **T. Aris Sunantyo**, Indonesia:
GNSS CORS Infrastructure and Standard in Indonesia (3711)

TS 1D – Geo information Applied to Urban Development

Time: **Monday, 19 October 2009, 14:00-15:30**

Venue: Room 218, NCC

Commission: 8 and 3

Chair: Mr. **Wafula Nabutola**, Chair Elect of FIG Commission 8, Kenya

Rapporteur:

Ms. **Kari Strande**, Norway:
Spatial Data Infrastructure as Tools in Environment and Geohazard Management Examples from Norway (3595)

Mr. **Christian Hickel**, Germany:
Geoinformation as a Key Technology for Urban and Wastewater Planning - Semi Central
Waste Treatment in Hanoi (3556)

Mr. **Asmat Ali**, Pakistan:
Spatial Data Infrastructure for Land Administration in Pakistan (3571)

Ir. **Michel Van Acker**, Belgium:
UrbIS Hanoi 2010 - GIS Instrument for Comprehensive Management of Urban
Development Information (3580)

PhD Candidate **Frankie Lee**, USA:
Climate Change Impact on Farmland Conversion in California (4377)

TS 1E – SDI and Land Administration

Time: **Monday, 19 October 2009, 14:00-15:30**

Venue: Room 219, NCC

Commission: 3 and 7

Chair: Mr. **Daniel Roberge**, Chair Elect FIG Commission 7, Canada

Rapporteur:

Mr. **Warwick Jones** and Mr. **Michael Ellyett**, New Zealand and Mr. **Ngo Duc Mau**,
Vietnam:
Spatial Data Infrastructures (World Best Practice) Are Caused by State and Private Sector
Collaboration with Shared Responsibilities (3732)

Mr. **Babu Ram Acharya**, Nepal:
Adopting Geo-ICT for Land Administration: Problems and Solutions (3656)

Mr. **Kambiz Borna**, Dr. **Mohammad Saadi Mesgari** and Dr. **Ali Mansourian**, Islamic
Republic of Iran:
Database System Architecture for Fiscal Cadastre (3583)

Mr. **Nelson Wijenayake**, Sri Lanka:
Geo-spatial Metadata Information System to Support State Land Administration in
Colombo (3559)
This paper has not been presented at the conference.

TS 1F – Professional Co-operation at Regional Level and Experiences on Promoting Professional Ethics

Time: **Monday, 19 October 2009, 14:00-15:30**

Venue: Room 212, NCC

Commission: 1 in co-operation with CLGE and ASEAN Flag

Chair: Mr. **Yaacoub Saade**, Chair of FIG Commission 1

Rapporteur: Ms. **Leonie Newnham**, Chair Elect of FIG Commission 1

Mr. **Henning Elmstroem**, President of CLGE, Denmark:
CLGE – Professional Co-operation in Europe (3801)

Prof. **Frances Plimmer**, United Kingdom:
Professional Ethics – The European Code of Conduct (3609)

Ms. **Diah Kirana Kresnawati**, President of the ASEAN Federation of Land Surveying and Geomatics, Indonesia (invited):
ASEAN Flag – Professional Co-operation Concept for South East Asia (3803)

TS 1G - Remote Sensing for Sustainable Development

Time: **Monday, 19 October 2009, 14:00-15:30**

Venue: Room 219C, NCC

Commission: 6 and 3

Chair: Prof. **Pham Van Cu**, Vietnam

Rapporteur: Mr. **Tong Si Son**, Vietnam

Mr. **Son Tong Si**, Ms. **Lan Pham Thi** and Prof. **Cu Pham Van**, Vietnam:
Land Cover Change Analysis Using Change Vector Analysis Method in Duy Tien District, Ha Nam Province in Vietnam (3666)

Dr. **Milan Talich**, Czech Republic:
Information Technology for Web Application in Surveying (3738)

Dr. **Fazel Amiri** and Ms. **Tayebeh Tabatabaie**, Islamic Republic of Iran:
EPM Approach for Erosion Modeling by Using RS and GIS (3707)

Dr. **Nguyen Lam-Dao**, Vietnam, Dr. **Armando Apan**, Australia, Dr. **Thuy Le-Toan**, France, Dr. **Frank Young**, Australia, Prof. **Trung Le-Van**, Vietnam and Dr. **Alexandre Bouvet**, France:

Towards an Operational System for Rice Crop Inventory in the Mekong River Delta, Vietnam Using Envisat ASAR Data (3691)

Dr. **Tran Thi Van**, Prof. **Le Van Trung** and Dr. **Hoang Thai Lan**, Vietnam:
Application of Thermal Remote Sensing in Study on Surface Temperature Distribution of HCM City (3693)

Mr. **Javed Mallick** and Assistant Prof. **Atiqur Rahman**, India and Ms. **Pham Viet Hoa**, Vietnam and Assoc. Prof. **P. K. Joshi**, India:
Assessment of Night-time Urban Surface Temperature – Land Use/cover Relationship for Thermal Urban Environment Studies Using Optical and Thermal Satellite Data (3754)

TS 2A - Legal Aspects in Land Administration

Time: **Monday, 19 October 2009, 16:00-17:30**

Venue: Room 313, NCC

Commission: 7

Chair: Prof. **Paul van der Molen**, the Netherlands

Rapporteur: Ms. **Gertrude Pieper Espada**, Netherlands

Mr. **John Blair**, Canada:
Cambodia National Land Titling Program - Land Mines to Land Registration (3615)

Mr. **Tan Liat Choon**, Dr. **Khadijah Binti Hussin** and Sr. **Ernest Khoo Hock Oon**, Malaysia:
Making 3D Property Legislation Feasible in Malaysia (3547)

Dr. **Michael Barry**, Canada:
Standards for Oral Tradition Evidence: Guidelines from First Nations Land Claims in Canada (3644)

Ms. **Naranchimeg Bagdai** and Ms. **Renchin Tsolmon**, Mongolia:
Land Privatization Practices in Transition Countries - Lessons on Transparency (3645)

TS 2B – SIM Tools for Environmental Monitoring and Protection

Time: **Monday 19 October 2009, 16:00-17:30**

Venue: Room 216, NCC

Commission: 3, 6 and 8

Chair: Mr. **Vu Anh Tuan**, Vietnam

Rapporteur: Ms. **Pham Thi Lan**, Vietnam

Dr. **Nguyen Manh Ha**, Vietnam:

Spatial Modeling for Soil Erosion Risk in Chay Basin, in Vietnam (3682)

Prof. **My Vo Chi**, Ms. **Lan Pham Thi** and Mr. **Son Tong Si**, Vietnam:

Monitoring Urban Space Expansion Using Remote Sensing Data in Ha Long City, Quang Ninh Province in Vietnam (3687)

Dr. **Tuan Vu Anh**, Vietnam:

Spatial Analysis for Mitigation the Environmental Impacts of Ho Chi Minh Road (3695)

Dr. **Bui Ta Long** and Mr. **Cao Duy Truong**, Vietnam:

Waste: A Computer Tool for Solid Waste Management in the Urban Areas (3696)

Dr. **Bui Ta Long** and Mr. **Duong Ngoc Hieu**, Vietnam:

Developing Information System Supporting Environmental Management for Industrial Zones (3697)

Dr. **Hien Le Thi Thu**, Vietnam:

Application GIS on Environmental Zoning and Management - Case Study in Sontay, Hanoi (3683)

TS 2C - Reference Frames and Datums

Time: **Monday, 19 October 2009, 16:00-17:30**

Venue: Room 217, NCC

Commission: 5 and 6

Chair: Prof. **Lan Pham Hoang**, Vietnam

Rapporteur: Mr. **Mikael Lilje**, Chair Elect of FIG Commission 5, Sweden

Mr. **David Doyle**, USA:

VDatum – A Utility to Perform Integrated Transformations between Classical Leveling, Tidal and Geometric Vertical Datums (3653)

Prof. **Lan Pham Hoang**, Vietnam:

Building a Unified Height System with Various Initial Points for the ASEAN Countries (3690)

Dr. **György Busics** and Dr. **Mihály Ágfalvi**, Hungary:

The New Role of Geodetic Networks in Hungary (3637)

Dr. **Chalermchon Satirapod**, Thailand, Mr. **Wim Simons**, the Netherlands, Col.

Ekkapob Panumastakul and Dr. **ITTHI Trisirisatayawong**, Thailand:

Updating the Thai Coordinate Reference Frame to ITRF2005 Using GPS Measurements: Observation on a Diversion between ITRF2000 and ITRF2005 in Southeast Asia Region (3566)

Dr. **Enrico C. Paringit**, USec. **Diony A. Ventura** and Dir. **Jose Galo P. Isada**, the Philippines:
Research and Development in Support of the Implementation of the Philippine Reference System of 1992: Results and Recommendations (3620)

TS 2D - Societal Balance: Resources and Rights

Time: **Monday, 19 October 2009, 16:00-17:30**

Venue: Room 218, NCC

Commission: 8 and 7

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

Rapporteur:

Dr. **Fabian Thiel**, Cambodia:
Law for State Land Management in Cambodia (3557)

Dr. **Kate Dalrymple**, Australia and Ms. **Brenda Batistiana**, the Philippines:
Bringing Gender Equity to the Surface (3596)

Mr. **Rashid Mohammed Azzan** and Mr. **Said Salmin Ufuzo**, Zanzibar, Tanzania:
Coastal Community and Land Resources – A Case Study of Kiwengwa Coastal Village – Zanzibar, Tanzania (3668)

Mr. **Babagana Abubakar**, Nigeria:
Land, Territory and Natural Resource Issues Affecting the Economies of the Indigenous Communities of the Sahel and the Horn of Africa (3526)

Ms. **Lani Roux** and Dr. **Michael Barry**, Canada:
Paradigms and Cadastral Research (3704)

TS 2E - Development Monitoring Tools and Standards

Time: **Monday, 19 October 2009, 16:00-17:30**

Venue: Room 219, NCC

Commission: 3

Chair: Prof. **Yerach Doytsher**, Chair Elect of FIG Commission 3, Israel

Rapporteur: Prof. **Hartmut Muller**, Germany

Mr. **Christodoulos Psaltis** and Dr. **Charalabos Ioannidis**, Greece:
Change Detection Using Machine Learning Algorithms for Development Monitoring (3606)

Prof. **Yerach Doytsher** and Mr. **Sagi Dalyot**, Israel:
Producing Seamless Multi-Source Quality-Dependent Digital Terrain Models (3590)

Prof. **Van Cu Pham**, Ms. **Thi Thuy Hang Nguyen** and Mr. **Phan Dong Nguyen**, Vietnam:
Comparison of Pixel Based and Object Oriented Classifications in Land Cover Mapping in the Red River Delta - Example of Duy Tien District, Ha Nam Province, Vietnam (3663)

Mr. **Ouy Bui Ngoc** and Ms. **Ha Le Phuong**, Vietnam:
Multimedia Map for Tourism Advertisement of Hanoi (3662)

Dr. **Tran Bach Giang**, Vietnam:
Results of Development and Application of Geographic Information Standard in Vietnam (3579)

Mr. **Doi Do Duc**, Mr. **Thang Nguyen Van**, Dr. **Giang Tran Bach**, Mr. **Tuan Vo Anh** and Mr. **Toan Nguyen Quang**, Vietnam:
Developing Vietnam's Cadastral Data Standards Based on ISO 19100 (3576)

TS 2F - Investments, Valuation and Analysis

Time: **Monday, 19 October 2009, 16:00-17:30**

Venue: Room 212, NCC

Commission: 9, 7, 8 and 10

Chair: Prof. **Kauko Viitanen**, Chair of FIG Commission 9, Finland

Rapporteur:

Prof. **Frances Plimmer**, United Kingdom:

Responsible Property Investment: Making a Difference (3610)

This is a peer review paper.

Prof. Dr. **Winrich Voss**, Germany:

New Market-value Based Property Tax in Germany? (3604)

Prof.h.c. Dr.-Ing. **Ingolf Burstedde**, Germany:

Asset Management in the Province of Aceh, Indonesia (3544)

Mr. **Chen-Kuang Cheng**, Dr. **Jiann-Yeou Rau**, Mr. **Yen-Ting Chou** and Mr. **Wei-Teng Cheng**, Chinese Taipei:

Web-based 3-D GIS for Location Query in Real Estate Application (3600)

FAO – FAO Regional Consultation Meeting – Preparatory Meeting

Time: **Monday, 19 October 2009, 16:00-17:30**

Venue: Room 219C, NCC

Commission: FAO

Chair:

- Preparatory meeting for the FAO Regional Consultation Meeting
- By invitation only

Tuesday 20 October 2009

PS 2 - Infrastructures for Sustainable Environment

Time: **Tuesday 20 October 2009, 9:00-10:30**

Venue: Room 313, NCC

Chair: Mr. **Matt Higgins**, FIG Vice President, Australia

Ms. **Jude Wallace**, Land Policy Lawyer and Researcher, University of Melbourne, Australia:

Land Acquisition in Developing Economies (3791)

Dr. **Tran Thuc**, Director, Vietnam Institute of Meteorology, Hydrology and Environment, Vietnam:

Climate Change in Vietnam and Response (3763)

Prof. **Chris Rizos**, President Elect, IAG, Australia:

The Importance of Geodetic Infrastructure (3767)

FAO 1 – Scene Setting Workshop: Voluntary Guidelines on Responsible Governance of Tenure of Land and Other Natural Resources

Time: Tuesday, 20 October 2009, 09:00-10:30

Venue: Room 216, NCC

Commission: FAO

Moderator:

Orapan Srisavalak-Napangchan:

Video presentation on the Governance of tenure in South East Asia (10 minutes)

Moderated discussion on Governance, Land and Natural Resources in South-East Asia Region.

TS 3A - SDI in Support of Urban Management

Time: Tuesday 20 October 2009, 11:00-12:30

Venue: Room 216, NCC

Commission: 3

Chair: Dr. **Cam Van Nguyen**, Vietnam

Rapporteur:

Dr **Chryssy Potsiou**, Greece and Prof **Yerach Doytsher**, Israel:

Technical Tools for Environmental Urban Management (3760)

Mr. **Paul Kelly**, Australia, Mr. **Robin McLaren**, United Kingdom and Prof. **Hartmut Müller**, Germany:

Spatial Data Infrastructure and the Environment of Urban Areas (3657)

Mr. **Oludayo Emmanuel Abiodun**, Dr. **James Bolarinwa Olaleye** and Miss

Oluwaseun Adeyomoye, Nigeria:

Management Information Systems for Fire Risk Services in Lagos Metropolis, Nigeria (3621)

Mr. **Jianpeng Chu** and Mr. **Yunjun Yao**, China, P. R:

Design and Development of Land Resources Information System of Zibo Area Based on Client/Server (3622)

Mr. **Nazib Faizal**, Indonesia:

Indonesian National Road Geotechnical Database (INROG) of Ministry of Public Works Indonesia (3625)

Mr. **Quy Bui Ngoc** and Dr. **Cam Van Nguyen**, Vietnam:

Electronic Atlas for Land Management in Hanoi (3688)

TS 3B - Global and Regional Observing Systems and Services

Time: Tuesday 20 October 2009, 11:00-12:30

Venue: Room 313, NCC

Commission: 5 in co-operation with IAG, PCGIAP and IGS

Chair: Prof. **Rudolf Staiger**, Chair of FIG Commission 5, Germany

Rapporteur: Mr. **Steven Fisher**, IGS Central Bureau, USA

Dr. **Chris Rizos**, President Elect IAG, Australia:

Global and National Geodesy, GNSS Surveying, and CORS Infrastructure (3558)

Dr. **Ruth E. Neilan**, The International GNSS Service (IGS), USA:
IGS Products and Services (3776)

Mr. **Mikael Lilje**, Chair Elect, FIG Commission 5, Sweden
Regional Reference and Observing Systems with Europe as a Case Study (3660)

Mr. **John Dawson**, Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP), Australia:
PCGIAP WG1 and IAG WG 1.3 (3781)

TS 3C - Compulsory Purchase and Land Acquisition I

Time: **Tuesday 20 October 2009, 11:00-12:30**

Venue: Room 217, NCC

Commission: 9, 7 and 8

Chair: Dr. **Frances Plimmer**, Chair Elect of FIG Commission 9, United Kingdom

Rapporteur: Mr. **Wafula Nabutola**, Chair Elect of FIG Commission 8, Kenya

Prof. **Rachelle Alterman**, Israel:
Expropriation, Land Readjustment and the Dilemmas about the Public Purpose (3710)

Ms. **Heidi Falkenbach** and Prof. **Kauko Viitanen**, Finland:
Compulsory Purchase and Compensation - General Principles (3659)

Dr. **Fabio Pittaluga**, Bangladesh:
Land Scarcity and the Imperative of Growth: Challenges for Bangladesh Development (3584)

Mr. **Muhammad Bashir Nuhu**, Nigeria:
Development of Appropriate Methodologies for Land Acquisition in Developing Economies: The Case of Nigeria (3617)

TS 3D - Cadastre and Land Registration

Time: **Tuesday 20 October 2009, 11:00-12:30**

Venue: Room 218, NCC

Commission: 7

Chair: Mr. **Rik Wouters**, the Netherlands

Rapporteur: Mr. **Babu Ram Acharya**, Nepal

Engr. **Rhea Lyn M. Dealca**, the Philippines:
Initiatives to Improve Land Administration System in the Philippines (3652)

Mr. **Alexander Caparas**, Prof. **Florence Galeon**, Ms. **Anjillyn Mae Cruz**, Mr. **Jeark Principe** and Ms. **Vanessa Dela Cruz**, the Philippines:
Data Build-up and Transformation of Cadastral Data from Different Local Plane Coordinate System to PPCS-TM/PRS9 (3628)

Mr. **Nenad Tesla**, Ms. **Stojanka Brankovic** and Ms. **Zagorka Gospavic**, Serbia:
Real Estate Cadastre and Rights Registration Project Financed through the World Bank's Loan and through Other Donor Projects (3548)

Ms. **Ann K. Myles**, Sweden:
Solving Problems – or Implementing Absent Solutions (3631)

TS 3E - Disaster Risk Management: Approaches and Consequences

Time: **Tuesday 20 October 2009, 11:00-12:30**

Venue: Room 219, NCC

Commission: 8, 5 and 6

Chair: Prof. **Nguyen Dinh Duong**, Vietnam

Rapporteur: Ms. **Trinh Thi Hoai Thu**, Vietnam

Mr. **Ian Wood**, Australia and Mr. **Thai Bui Duc**, Vietnam:

Practical Application of Aerial Survey for Disaster Risk Management in Vietnam (3591)

Mr. **David Jonas**, Malaysia:

How Aerial Survey in Vietnam Is Now Serving People and Building the Capacity (3573)

Mr. **Kambiz Borna**, Mr. **Mohamad Reza Rajabi**, Dr. **Ali Mansourian** and Dr. **Majid Hamrah**, Islamic Republic of Iran:

Developing a Quasi-Temporal GIS for Prediction Stop Time in Flood Hazard Modeling (3585)

Prof. **Le Van Trung**, Vietnam:

Outline of the Waterlog and Flood Prevention Solutions in Ho Chi Minh City (3692)

Dr. **Tuan Tran Anh** and Prof. **Duong Nguyen Dinh**, Vietnam:

Flood Monitoring Using ALOS/PALSAR Imagery (3720)

Ms. **Thu Trinh Thi Hoai**, Vietnam:

Monitoring Changes in Land Use (3675)

FAO 2A – 2E – Working Group Session: Issues of Governance of Tenure of South East Asia to Be Listed in the Regional Assessment – Breakout Session

Time: **Tuesday, 20 October 2009, 11:00-12:30**

Venue: Rooms 212A, 212B, 212 C, 217C, 219C, NCC

Commission: FAO

Free division to groups reflecting roughly peoples' backgrounds

Group 1; Land tenure and administration (Moderated by NN)

Group 2; Natural resources (Moderated by NN)

Group 3; Civil society, gender, vulnerable groups (Moderated by NN)

Group 4; Land use planning, urban issues, development (Moderated by NN)

Group 5; Land economics, markets, valuation (Moderated by NN)

TS 4A - Spatial Data Infrastructures

Time: **Tuesday 20 October 2009, 14:00-15:30**

Venue: Room 217, NCC

Commission: 3

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

Rapporteur: Mr. **Vo Anh Tuan**, Vietnam

Mr. **Tuan Vo Anh** and Prof. **Xuan Nguyen Truong**, Vietnam:

Proposed Models for and Approaches to a Vietnam National Spatial Data Infrastructure (3575)

Mr. **Dimo Todorovski**, Macedonia, FYROM:
Spatial Data – The Fundament for the National Spatial Data Infrastructure of the Republic of Macedonia (3554)

Mr. **Ayansina Ayanlade** and Dr. **Odeyemi T. Odekunle**, Nigeria:
GIS Approach in Assessing Seasonal Rainfall Variability in Guinea Savanna Part of Nigeria (3397)

Mr. **Nguyen Anh Tuan**, Dr. **Nguyen Van Viet** and Mr. **Ngo Tien Giang**, Vietnam:
Using the Spatial Data of Agroclimatic Elements and Soil to Define the Suitable Lands for Some Industrial Crops in Tay Nguyen Highland of Vietnam (3689)

TS 4B - GNSS CORS Infrastructure and Standards

Time: **Tuesday 20 October 2009, 14:00-15:30**

Venue: Room 313, NCC

Commission: 5 in co-operation with IAG, PCGIAP and IGS

Chair: Dr. **Ruth E. Neilan**, USA

Rapporteur: Mr. **Matt Higgins**, FIG Vice President, Australia

Mr. **Steven Fisher** and Mr. **Robert Kachikyan**, USA:
International Global Navigation Satellite System Service (IGS) Reference Station Guidelines (3862)

Dr.-Ing. habil. **Volker Schwieger**, Germany, Mr. **Mikael Lilje**, Sweden and Mr. **Rob Sarib**, Australia:
GNSS CORS - Reference Frames and Services (3642)

Mr. **David Martin**, FIG / ESRF, France:
GNSS CORS Calibration and Testing (3712)

Dr. **Neil D. Weston** and Mr. **Dave Doyle**, National Geodetic Survey, NOAA, USA:
Status of GNSS CORS Networks in the Asia Pacific Region (3714)

TS 4C – Compulsory Purchase and Land Acquisition II

Time: **Tuesday 20 October 2009, 14:00-15:30**

Venue: Room 218, NCC

Commission: 9, 8, 7

Chair: Dr. **Isaac Boateng**, United Kingdom

Rapporteur: Mr. **Wafula Nabutola**, Chair Elect of FIG Commission 8, Kenya

Mr. **Wafula Nabutola**, Kenya:
Compulsory Purchase and Land Acquisition in Kenya (3716)

Dr. **Junping (Patrick) Liao**, China P. R.:
Land Expropriation in China P. R. (3717)

Ms. **Linh Dang Thuy**, Vietnam:
Investigation into the Causes of Impediment of Access to Land Information in Land Market - Case Study in Hanoi, Vietnam (3700)

Mr. **Daniel Weldegebriel Ambaye**, Ethiopia:
Land Valuation for Expropriation in Ethiopia: Valuation Methods and Adequacy of Compensation (3753)

Mr. **Chu Jianpen**, China, P. R.:
A Discussion on the Reform of China's Collective Land Expropriation Compensation (3593)
Flash presentation.

Mr. **Chu Jianpen**, China, P. R.:
A Research on the Renewal of State-Owned Land (3602)
Flash presentation.

TS 4D – Planning for Environmental Adaptations

Time: **Tuesday 20 October 2009, 14:00-15:30**

Venue: Room 219, NCC

Commission: 8

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

Rapporteur: Ms. **Pham Thi Lan**, Vietnam

Dr. **Diane Dumashie**, United Kingdom:
Marine and Coastal Access Bill: Coastal Planning (3715)

Mr. **Kenny Chan**, Hong Kong SAR, China:
Minimizing Waste to Safeguard Landfill and Environment (3563)

Dr. **Isaac Boateng**, United Kingdom:
Spatial Planning and Climate Change Adaption in Coastal Regions: The Case of Vietnam (3574)

Ms. **Doan Huong Mai** and Ms. **Pham Thi Lan**, Vietnam:
Ecological Planning for One Mountaineous District of Vietnam - Case Study: Kim Boi District, Hoa Binh Province (3676)

Ms. **Thao Luu Thi**, Vietnam:
Land Used for the Construction of Golf Courses and Related Concerns in Vietnam (3674)

Mr. **Soheil Sabri**, Dr. **Ahmad Nazri Muhamad Ludin** and Dr. **Ho Chin Siong**, Malaysia:
Spatial Planning in Redevelopment of Kuala Lumpur Inner City Brownfields (3731)

TS 4E – Coastal Zone Issues

Time: **Tuesday 20 October 2009, 14:00-15:30**

Venue: Room 219C, NCC

Commission: 4, 3 and 6

Chair: Mr. **Andrew Leyzack**, Chair of FIG Commission 4, Canada

Rapporteur: Mr. **Gordon Johnston**, United Kingdom

Dr. **Michael Sutherland**, Canada:
Prototype Marine Cadastre (3783)

Ms. **Hang Le Minh** and Prof. **Duong Nguyen Dinh**, Vietnam:
Oil Spill Detection and Classification by ALOS PALSAR at Vietnam East Sea (3684)

Mr. **Tran Dinh Lan** and Mr. **Nguyen Van Thao**, Vietnam:
Remotely Sensed Data Analysis of Landuse for Strategic Environment Assessment of Sea Port Development: Case Study of Haiphong, Vietnam (3686)

Ms. **Nguyen Kim Anh**, Vietnam:

Research, Database Construction of Oil and Gases Exploitation and Processing Units in the East Sea, and Preliminary Assessment about Potential of Oil Spills in the Vietnam Sea (3667)

Mr. **Anh Le Van**, Prof. **Duong Nguyen Dinh** and Ms. **Thu Ho Le**, Vietnam:

Sources of Oil Pollution in Vietnam Sea and East Sea (3670)

TS 4F – Commission 10 I

Time: **Tuesday 20 October 2009, 14:00-15:30**

Venue: Room 217C, NCC

Commission: 10

Chair: Mr. **Andrew Morley**, Chair of FIG Commission 10, United Kingdom

Rapporteur: Mr. **Robert Sinkner**, Chair Elect of FIG Commission 10, Czech Republic

FAO 3 – Working Group Session: Issues of Governance of Tenure of South East Asia to Be Listed in the Regional Assessment - continued

Time: **Tuesday, 20 October 2009, 14:00-15:30**

Venue: Room 216, NCC

Commission: FAO

Moderator:

Conclusions, preparation of working group report and presentation preparation.

TS 5A - Risk Management Tools

Time: **Tuesday 20 October 2009, 16:00-17:30**

Venue: Room 217, NCC

Commission: 3 and 8

Chair: Dr. **Charalabos Ioannidis**, Greece

Rapporteur:

Dr. **Krishna Nadimpalli**, Australia:

National Exposure Information System (NEXIS) – A Capability for Evidence Based Disaster Management (3658)

Mr. **Dheeraj Sharma**, India, Mr. **Pham Viet Hoa**, Mr. **Tran Viet Cuong** and Mr. **Hoang Trung Tuyen**, Vietnam and Mr. **Neeraj Sharma**, India:

Forest Fire Risk Zonation for Jammu District Forest Division Using Remote Sensing and GIS (3661)

Mr. **Teddy Nakato**, Uganda and Mr. **Ayansina Ayanlade**, Nigeria:

Mapping the Distribution of Tsetse Flies in Eastern Uganda (3394)

Mr. **Mohammadreza Rajabi**, Dr. **Ali Mansourian** and Mr. **Kambiz Borna**, Islamic Republic of Iran:

A Comparison between Intelligent Algorithms for Solving Site-selection Problems in GIS (3561)

Dr. **Cam Van Nguyen**, Vietnam:

The Establishment of Maps Supporting Environmental Management in Bacgiang Province (3664)

Prof. **Florence Galeon**, the Philippines:
Identification of Informal Settlement Clusters in a QuickBird Satellite Image Using Fractal Dimensions (3629)
Flash presentation.

TS 5B – GNSS CORS Networks – Case Studies

Time: **Tuesday 20 October 2009, 16:00-17:30**

Venue: Room 313, NCC

Commission: FIG Commission 5 in co-operation with IAG, PCGIAP and IGS

Chair: Mr. **Mikael Lilje**, Chair Elect of FIG Commission 5, Sweden

Rapporteur: Mr. **Rob Sarib**, Australia

Mr. **Rudolf W. Matindas** and Mr. **Cecep Subarya**, Indonesia:
Present Status of the Indonesian Permanent GPS Station Network and Development (3815)

Case studies by using GNSS CORS template (invited):

Mr. **John Dawson**, Australia:
Australian and South Pacific Networks

Dr. **Victor Khoo**, Singapore:
Singapore Satellite Positioning Reference Network (SiReNT)

Mr. **Simon Kwok**, Hong Kong SAR China:
The Hong Kong Satellite Positioning Reference Station Network (SatRef)

Dr. **Azhari bin Mohamed**, Malaysia:
MyRTKNET, Malaysia

Representatives from following countries have also been invited: China P. R., Philippines, Thailand and Vietnam

TS 5C – Advanced Technology for Cadastre and Land Management

Time: **Tuesday 20 October 2009, 16:00-17:30**

Venue: Room 218, NCC

Commission: 7

Chair:

Rapporteur: Dr. **Doan Thi Xuan Huong**, Vietnam

Mr. **Ian Harper**, Australia and Dr. **Doan Thi Xuan Huong**, Vietnam:
Creating a Survey Data Model and Cadastral Fabric for a Future Land Administration System for Vietnam (3577)

Ir. **Rik Wouters**, the Netherlands:
Digitizing Large Volumes of Historic Information and Interpretation by OCR (3603)

Mr. **Canh Dinh Le** and Dr. **Trong Duc Tran**, Vietnam:
The Integration of GIS and Fuzzy Multi-Objective Linear Programming - An Interactive Decision Making Tool in Sustainable Use of Agriculture Land (3623)

Dr. **Fazel Amiri** and Ms. **Tayebeh Tabatabaie**, Islamic Republic of Iran:
Operational Monitoring of Vegetative Cover by Remote Sensing in Semi-arid Lands of Iran (3706)

TS 5D – Monitoring Using Vision Technologies

Time: **Tuesday 20 October 2009, 16:00-17:30**

Venue: Room 217C, NCC

Commission: 6

Chair: Prof. **Alojz Kopacik**, Chair of FIG Commission 6, Slovakia

Rapporteur: Mr. **Tran Trung Anh**, Vietnam

Dr. **Susumu Hattori**, Mr. **Yoshiyuki Ohnishi** and Mr. **Izuru Kuronuma**, Japan :
Deformation Monitoring of Slopes by Vision Metrology with a Simulator for Network
Design and the Hypothetical Test (3560)

Mr. **Rishiraj Dutta**, the Netherlands, Mr. **Rajib Mohan Bhagat** and Mr. **Alka Singh**,
India:

Monitoring Tea Plantations in India Using Remote Sensing Approaches (3562)

Mr. **Ba Duy Nguyen** and Mr. **Dinh Ho Tong Minh**, Vietnam, Dr. **Francesco Sarti** and
Dr. **Steffen Dransfeld**, Italy and Dr. **Ramon Hanssen**, the Netherlands:
Measuring Land Subsidence in Hanoi City by Means of Radar Interferometry Technique
(3678)

Mr. **Tran Trung Anh**, Vietnam:

Epipolar Resampling of Stereo Image Base on Airbase in the Digital Photogrammetry
(3685)

TS 5E – Commission 10 II

Time: **Tuesday 20 October 2009, 16:00-17:30**

Venue: Room 219, NCC

Commission: 10

Chair: Mr. **Robert Sinkner**, Chair Elect of FIG Commission 10, Czech Republic

Rapporteur: Mr. **Andrew Morley**, Chair of FIG Commission 10, United Kingdom

FAO 4 – Out of Conference Plenary

Time: **Tuesday, 20 October 2009, 16:00-17:30**

Venue: Room 216, NCC

Commission: FAO

Moderator:

Important regional initiative/approach/success in the field of governance or policy or
institutional development.

Thilak Hewasam:

Governance Aspects in an Urban Resettlement Program

Kirsten Ewers:

Governance in Communal Land Tenure Systems

N.N.:

Civil Society Participation and Land Governance

Discussion

Introduction to the Breakout workshop on Wednesday (FAO Officer/Moderator)

Commission 9 Roundtable on Good Practice in Compulsory Purchase and Compensation

Time: **Tuesday 20 October 2009, 16:00-17:30**

Venue: Room 219C, NCC

Commission: 9

Chair: Prof. **Kauko Viitanen**, Chair of FIG Commission 9, Finland

- Open Forum for participants interested in Good Practice in Compulsory Purchase and Compensation (FIG Commission 9 WG 1)

Wednesday 21 October 2009

PS 3 - Capacity Building

Time: **Wednesday 21 October 2009, 9:00-10:30**

Venue: Room 313, NCC

Chair: Mr. **Iain Greenway**, FIG Vice President, United Kingdom

Prof. **Holger Magel**, FIG Honorary President, Technical University of Munich, Germany:
Capacity Building in Land Management: The Need for Global Academic Partnership (3612)

Prof. **Dang Nam Chinh**, Dean of Faculty of Surveying and Mapping, Hanoi University of Mining and Geology and Prof. **Vo Chi My**, Vice-President, Vietnam Association of Geodesy, Cartography and Remote Sensing, Vietnam:
Innovation in Surveying and Mapping Training for an Integrated World (3764)

Mr. **Teo CheeHai**, FIG Vice President, Malaysia:
Building the Capacity – Professionalism and Ethics (3785)

FAO 5 – Working Group Feedback Workshop: Issues and Actions to be Recommended in the Regional Assessment

Time: **Wednesday, 21 October 2009, 09:00-10:30**

Venue: Room 216, NCC

Commission: FAO

Moderated discussion, working group panelists.

TS 6A – New Challenges in Land Administration

Time: **Wednesday 21 October 2009, 11:00-12:30**

Venue: Room 313, NCC

Commission: 7

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

Mr. **Godfried Barnasconi** and Prof. **Paul van der Molen**, the Netherlands:
The Dutch Kadaster in Times of Financial Crisis (3594)

Ms. **Gertrude Pieper Espada**, Netherlands:
From Low-Cost to Open Source: Choices and Challenges for the Cambodian Land Registration System (3550)

Mr. **John Blair**, Canada:
Land Management and Land Registration in the Tsunami Recovery Program, Aceh, Indonesia (3618)

Prof. **Paul van der Molen**, the Netherlands:
The Evolving Function of Land Administration in Society – Capitalizing on Investments in a Digital Land Register and Cadastre in the Netherlands (3598)

TS 6B - Panel Session - Asia Pacific Reference Frame

Time: **Wednesday 21 October 2009, 11:00-12:30**

Venue: Room 217, NCC

Commission: FIG Commission 5 in co-operation with IAG, PCGIAP and IGS

Chair: Prof. **Chris Rizos**, IAG, Australia

Rapporteur: Mr. **Mikael Lilje**, Chair Elect of FIG Commission 5, Sweden

Mr. **Matt Higgins**, FIG Vice President, Australia:
Positioning Infrastructure and GNSS- Relevance to Land Administrators (3792)

Mr. **Ahmad Fauzi bin Nordin**, Mr. **Hasan bin Jamil**, Dr **Azhari bin Mohamed** and Mr. **Chang Leng Hua**, Malaysia
Relevance of Reference Frame to the Region and Industry (3908)

Mr. **Dave Doyle**, National Geodetic Survey, NOAA, USA:
Case Studies on Developing Regional GNSS Networks (3793)

Mr. **John Dawson**, Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP), Australia:
Forum Summary and APREF Proposal (3782)

TS 6C – Capacity Building

Time: **Wednesday 21 October 2009, 11:00-12:30**

Venue: Room 217C, NCC

Commission: 2

Chair: Dr. **Steven Frank**, Chair Elect of FIG Commission 2, USA

Rapporteur: Dr. **Bela Markus**, Chair of FIG Commission 2, Hungary

Mr. **Christian Paresi**, the Netherlands and Dr. **Tuan Tran Anh**, Vietnam:
Worldwide Network of Academic Partners; a Mechanism for Improving Capacity Building in Land Administration (3582)

Ms. **Kari Strande**, Norway:
Bringing People Together - Exchange Program in Geomatics between Vietnam, Laos and Norway (3597)

Ir. **Liza Groenendijk**, the Netherlands and Dr. **Bela Markus**, Hungary:
Towards an FIG Publication on e-Learning: Online Joint Content Development (3638)

Mr. **Dimo Todorovski** and Mr. **Vasil Mishkovski**, Macedonia, FYROM:
Building the Capacities in the Cadastral and Land Registration Organizations at Individual Level in Developing and Transition Countries (3553)

Er. **Narayan Bhattarai**, Nepal:
Geomatics Engineering Education in Kathmandu University: Issues and Challenges (3541)

Mr. **Keshav Sharma**, Nepal:
Geomatics Education: A Rising Sector for Value Addition in HRD in Nepal (3581)

TS 6D – Engineering Application of GNSS

Time: **Wednesday 21 October 2009, 11:00-12:30**

Venue: Room 218, NCC

Commission: 6 and 5

Chair: Prof. **Dang Nam Chinh**, Vietnam

Rapporteur: Prof. **Alojz Kopacik**, Chair of FIG Commission 6, Slovakia

Dr. **Gethin Wyn Roberts**, Mr. **Lukasz Kosma Bonenberg** and Mr. **Craig M. Hancock**,
United Kingdom:

Integrating Localities and GNSS for Engineering Works (3589)

Prof. **Christiana Mitsakaki**, Ms. **Aggeliki Marinou**, Mr. **Xanthos Papanikolaou** and
Ms. **Kalliope Papazissi**, Greece:

Evaluating Large Volume GPS Data for Deformation Studies (3605)

Mr. **Joël van Cranenbroeck**, Belgium, Mr. **Doug Hayes**, United Arab Emirates, Mr.
Soang Hun Oh, Kuwait and Mr. **Mohammed Haider**, United Arab Emirates:

Core Wall Control Survey - The State of the Art (3613)

Mr. **Matthew Oliver Ralph L. Dimal** and Mr. **Louie P. Balicanta**, the Philippines:

Comparative Analysis of GPS Azimuth and Astronomic Derived Azimuth for the
Establishment of Project Controls (3627)

TS 6E – Economic Benefits of Hydrography

Time: **Wednesday 21 October 2009, 11:00-12:30**

Venue: Room 219, NCC

Commission: 4

Chair: Dr. **Michael Sutherland**, Chair Elect of FIG Commission 4, Canada

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

CDR **Brian Douglas Connon**, USA and CDRE **Rod Nairn**, Australia:

Economic Impact of Hydrographic Surveys (3633)

Captain **Hugo Gorziglia**, IHB Director, IHO:

Why a National Hydrographic Service? (3746)

*This paper will be presented by **Gordon Johnston**.*

Mr. **Gordon Johnston**, United Kingdom:

The Economic Benefits of Hydrography (3640)

Flash presentation.

Mr. **Andrew Leyzack**, Canada:

Economic Benefits of Hydrography in the Canadian Arctic - A Case Study (3655)

Flash presentation.

Dr. **David Dodd**, Canada, Mr. **Gordon Johnston**, United Kingdom and Mr. **Andrew
Hoggarth**, Canada:

The Economic Impact of Appropriate Education in Hydrography (3649)

Mr. **Cyril Mbeau Ache**, Cameroon and Dr. **Victor Abbott**, United Kingdom:

The Cost-benefit of Charting Cameroon Waters (3723)

TS 6F - Mapping, Aerial Survey and Remote Sensing I

Time: **Wednesday 21 October 2009, 11:00-12:30**

Venue: Room 219C, NCC

Commission: 3, 5, 6

Chair: Dr. **Van Anh Tran**, Vietnam

Rapporteur: Mr. **Giang Huong Nguyen**, Vietnam

Dr. **Hasanuddin Z. Abidin**, Mr. **Heri Andreas**, Mr. **Irwan Gumilar** and Mr. **Mohammad Gamal**, Indonesia, Prof. **Yoichi Fukuda** and Dr. **T. Deguchi**, Japan:
Land Subsidence and Urban Development in Jakarta, Indonesia (3491)

Prof. **Vo Chi My** and Ms. **Pham Viet Hoa**, Vietnam:
The Effect of Mining Exploit for Environment in Quang Ninh Province (3721)

Ms. **Ha Le Thi Thu** and Ms. **Giang Tran Thi Huong**, Vietnam:
Research the Impact of Expansion Process of Mining Area to the Change of Vegetation Cover by Using Remote Sensing Data and GIS (3680)

Mr. **Anh Luu The**, Vietnam:
Regional Scale Soil Erosion Modelling for Conservation Planning Using Remote Sensing and GIS Techniques - A Case Study in the Centre of Himalayan Ranges (3671)

Dr. **Van Anh Tran**, Vietnam:
Integrating of Microwave Remote Sensing and WebGIS in Flooding Detection and Web-mapping (3698)

FAO 6 – Working Group Feedback Workshop: Issues and Actions to Be Recommended in the Regional Assessment - continued

Time: **Wednesday, 21 October 2009, 11:00-12:30**

Venue: Room 216, NCC

Commission: FAO

Moderator:

Moderated discussion, working group panellists.

TS 7A – Economy and Land Administration

Time: **Wednesday 21 October 2009, 14:00-15:30**

Venue: Room 313, NCC

Commission: 7 and 8

Chair: Ms. **Ann-Katrin Myles**, Sweden

Rapporteur:

Mr. **András Osskó**, Hungary:
Questions on Sustainable Land Administration (3572)

Surv. **Gertrude Nnanjar Njar** and Dr. **Olusola Atilola**, Nigeria:
Geospatial Information, Land Administration Reform and Sustainability in Developing Economies: The Nigerian Experience (3599)

Mr. **Manohar Velpuri**, Switzerland:
Life Cycle Assessment and Cadastral Administration for a Better Environmental Sustainability (3701)

Ms. **Zhao Daihong** and Mr. **Zong Xiang Zha**, China P. R.:
China's National Cadaster Information System (3718)

TS 7B - Advances in GNSS Positioning and Applications II

Time: **Wednesday 21 October 2009, 14:00-15:30**

Venue: Room 217, NCC

Commission: 5

Chair: Dr. **Volker Schwieger**, Germany

Rapporteur: Mr. **David Martin**, France

Dr. **Ivo Milev**, Germany:

EUPOS (European Position Determination System) a Cooperation of 17 European Countries for Union Use of Spatial Data (3952)

Mr. **Joël van Cranenbroeck**, Belgium:

A GNSS Network Is a Sustainable Positioning Infrastructure for Supporting Land Management Operations (3614)

Mr. **Neil Ashcroft** and Mr. **Graham Barber**, Australia:

Using a Real Time CORS - Gold Coast CORS Network (3568)

Mr. **Mohd Hafiz Yahya**, Assoc. Prof. **Md Nor Sr Dr. Kamarudin** and Ms. **Zuhaidah Nordin**, Malaysia:

The Impact of Monsoon Circulations on the Performance of Space-based Radio Navigation Satellites for Surveying Applications (3647)

Dr. **Quyen Nguyen Hanh**, Dr. **Y. Tran Minh**, Ms. **Hoa Pham Viet**, Ms. **Giang Nguyen Vu**, Mr. **Dat Dinh Ngoc**, Mr. **Son Tong Si**, Mr. **Toan Le Quang** and Mr. **Hai Nguyen Phuc**, Vietnam:

Design of Surveying Methodology for Construction Subsidence Monitoring Using GPS Technology (3681)

TS 7C – Roundtable on Professional Education

Time: **Wednesday 21 October 2009, 14:00-15:30**

Venue: Room 217C, NCC

Commission: 2

Chair: Mr. **Christian Paresi**, the Netherlands

Rapporteur: Dr. **György Busics**, Hungary

Dr. **Steven Frank**, USA:

Proposed Commission 2 Work Plan (2011-2014) (3626)

TS 7D - Mapping, Aerial Survey and Remote Sensing II

Time: **Wednesday 21 October 2009, 14:00-15:30**

Venue: Room 218, NCC

Commission: 6, 5

Chair: Prof. **Le Van Trung**, Vietnam

Rapporteur: Mr. **Ho Tong Dinh Minh**, Vietnam

Prof. **Le Van Trung** and Mr. **Ho Tong Minh Dinh**, Vietnam:

Monitoring Land Deformation Using Permanent Scatterer INSAR Techniques – Case Study: Ho Chi Minh City (3694)

Mr. **Peter Tarsoly**, Hungary:
Digital Topographical Maps - Positional Accuracy (3639)

Mr. **Harintaka**, Dr. **Subaryono**, Prof. **Adhi Susanto**, and Dr. **Hartono**, Indonesia:
Assessment of Low Cost Small Format Aerial Photogrammetry for Cadastral Mapping
(Case Study in Klaten Regency, Central Java, Indonesia) (3586)

Ms. **Nguyen Mai Phuong** and Prof. **Nguyen Dinh Duong**, Vietnam:
Some Discussions on Noise Filtering Technique of Microwave Remote Sensing Data for Oil
Spill Detection at Sea (3679)

Ms. **Hanh Tran Hong** and Dr. **Tuan Vu Anh**, Vietnam:
Combination of Microwave and Optical Remote Sensing in Land Cover Mapping (3719)

Mr. **Vinh Pham Quang** and Mr. **Anh Luu The**, Vietnam:
Integration of Remotely Sensed Data with GIS Technology for Classification of One Crop
of Rice (3699)

TS 7E – Sensors and Data Processing for Surveying

Time: **Wednesday 21 October 2009, 14:00-15:30**

Venue: Room 219, NCC

Commission: 6

Chair: Dr. **Ha Minh Hoa**, Vietnam

Rapporteur: Dr. **Gethin Wyn Roberts**, Chair Elect of Commission 6, United Kingdom

Prof. **Xiaoli Ding**, Mr. **G. C. Feng**, Mr. **L. Zhang** and Mr. **M. Jiang**, Hong Kong SAR,
China:

InSAR: Current Capabilities and Limitations as a Surveying Technology (3551)

Mr. **Davood Akbari**, Islamic Republic of Iran:
Target Detection Improvement in Hyperspectral Images (3543)

Dr. **Quang Minh Nguyen** and Mr. **Van Duong Do**, Vietnam and Prof. **Peter M.**
Atkinson and Dr. **Hugh G. Lewis**, United Kingdom:

Downscaling Multispectral Imagery Based on HNN Using Forward Model (3569)

Mr. **Sergio C. Abad II** and Assoc. Prof. **Florence Galeon**, the Philippines:
Rapid and Low Cost Digital Elevation Model (DEM) Production of the Guinsaugon
Southern Leyte Landslide Area Using Close Range Terrestrial Photogrammetry (3630)

Dr. **Ha Minh Hoa** and Dr. **Nguyen Ngoc Lau**, Vietnam:
Tidal Effects to Absolute Gravity Measurements on the Off-shore Islands (3752)

TS 7F – Hydrographic Capacity Building

Time: **Wednesday 21 October 2009, 14:00-15:30**

Venue: Room 219C, NCC

Commission: 4

Chair: Mr. **Gordon Johnston**, United Kingdom

Rapporteur: Mr. **Andrew Leyzack**, Chair of FIG Commission 4, Canada

Mr. **Egil O. Aarstad**, Norway:
Restructuring of a National Hydrographic Service (3665)

Mr. **David Neale**, Trinidad and Tobago:
Alternatives for Building Hydrographic Surveying Capacity in Small Island Developing States (SIDS) (3651)

FAO 7 – Working Group Review: Draft Regional Assessment on FAO Voluntary Guidelines

Time: **Wednesday, 21 October 2009, 14:00-15:30**

Venue: Room 216, 212A, 212B and 212C, NCC

Commission: FAO

Moderator:

Draft Regional Assessment on FAO Voluntary Guidelines for Responsible Governance of Tenure of Land and Other Natural Resources.

Closing Ceremony

Time: **Wednesday 21 October 2009, 16:00-17:30**

Venue: Room 313, NCC

Chair:

Closing Address - Dr. **Dang Hung Vo**, President of VGCR

Closing Address - Dr. **Paul Munro-Faure**, Chief of the Land Tenure and Management Unit, FAO:

Closing Address and Conference Resolutions - Prof. **Stig Enemark**, FIG President

FAO – Distribution and Emailing of a Draft Regional Assessment

Time: **Wednesday, 21 October 2009, 17:30-18:00**

Venue:

Commission: FAO

Distribution and emailing of a draft Regional Assessment on the region-specific issues, proposed principles of governance of tenure and associated strategic actions of the FAO Voluntary Guidelines for responsible governance of tenure of land and other natural resources.