

Presentation summary of actually presented papers – ACRS 2008

1. Oral Presentations:

Presentations done in 37 technical sessions	: 178
Presentations done in two plenary sessions	: 08
Presentation done as keynote speeches	: 02
Country presentations/ Technology update	: <u>03</u>
Total of oral presentations done	: <u>191</u>

2. Poster Presentations:

Poster presentations done : **61**

Total presentations done at ACRS 2008 : **252**

3. Workshops:

1. Students Session
2. AIT workshop
3. ITC workshop
4. White elephant session

- Details of actually presented papers are given below.
- Papers that were not presented at ACRS 2008 were cross out and shown below.
- Presentation summary and participation from each country are given at the end of this document.

KEYNOTE SPEECHES

Day 1 :10th November 2008 (Monday)

Time : 11.15 – 12.15

Room :Main Conference Hall

Chairperson :*Mr. S.M.W. Fernando*
Additional Surveyor General
Survey Department, Sri Lanka

11.15 **3D Mapping from Space - Fact or Fiction**
Prof. Armin Gruen
Head, Chair of Photogrammetry
Institute of Geodesy and Photogrammetry
Federal Institute of Technology (ETH) Zurich, Switzerland.

11.45 **Monitoring of Terrestrial Scenes from Space:
environmental change and disaster**
Prof. Haruo Sawada
Institute of Industrial Science
The University of Tokyo

HOST COUNTRY PRESENTATIONS AND TECHNOLOGY UPDATES

Day 1 :10th November 2008 (Monday)

Time :13.30 – 14.50

Room :Main Conference Hall

Chairperson :*Dr. Lal Samarakoon*

13.30 **Presentation by host country, Sri Lanka
RS and GIS activities in Sri Lanka**

*Mr. S. Sivanantharajah
Senior Superintendent of Surveys
Survey Department, Sri Lanka*

13.50 **ERDAS Technology Track**

ERDAS, Inc.

14.30 **Presentation by next host country, China
The Main Progress of Remote Sensing for Land
Resources of China in Recent Years**

*Dr. Yang Rihong
China Aero-Geophysical Survey and Remote Sensing Center
for Land and Resources, China*

PLENARY SESSION - 1

Day 1 :10th November 2008 (Monday)

Time :15.10 – 16.50

Room :Main Conference Hall

Chairperson :*Prof. Ian Dowman*

15.10 **Earth Observation and Digital Earth:
Progress and the Future**

Prof. Guo Huadong

Director

Center for Earth Observation and Digital Earth

Chinese Academy of Sciences

15.35 **Image Merging to Support Georeferencing and
Orthoimage Generation from ALOS Imagery**

Prof. Clive Fraser

Research Director, CRC for Spatial Information &

Professor, Dept. of Geomatics

University of Melbourne, Australia

16.00 **Role of Remote Sensing in the Changing World**

Prof. Orhan Altan

President, International Society for Photogrammetry

and Remote Sensing (ISPRS)

16.25 **Personal Identification and Geoinformation
Technologies: Legal Issues and Implications**

Prof. George Cho

Chair, Academic Board

*Professor of Geoinformatics and the Law, Faculty of Applied
Science*

University of Canberra, Australia

Technical Sessions

The author, whose name shown as first name in the list of authors, presents the paper. When the presenter is not an author, presenters name is shown separately.

ORAL SESSION

DAY 2 :11 November 2008 (Tuesday)
TIME :08.30 – 10.15

Room :R 1
Session :TS – 01, Coastal Zone/ Fisheries
Chairperson :Shunji Murai

1

Asian Tsunami: Post Tsunami Implications and Vulnerability Towards South East Coast Fishing Hamlets in India
P.H.Anand

2

Research for a Long-Time Topographical Change of The Kwangan-Bridge Construction
Oh Che Young, Choi Chul-Uong, and Kim Ji Yong

3

Using MODIS to Estimate Water Turbidity in Taiwan
Che-Chuan Kang and Chi-Kuei Wang

4

~~Real Time Finite Difference Model for Modeling SAR Sea Surface Current~~
~~Maged Marghany and Mazlan Hashim~~

5

Estimation of The Tsunami Inundation Flow Momentum Mitigation Effect of The Coastal Forest Using A Numeric Model Case of Hambantota District, Sri Lanka
Wataru Ohira, Naoki Mitsuzuka, Kiyoshi Honda and Kenji Harada

6

Coastline Mapping and Isle Area Estimation by Region Growing Approach
Li-Guang Leu

7

Shore Line Delineation of Southern Caspian Sea Using ETM+ and IRS-ID Data
Shaban Shataee, Shadab Shahini and Javad Malek

ORAL SESSION

Room : R 2
Session : TS – 02, Automatic Feature Extraction
Chairperson : Ian Dowman

1

An Experimental Test for The Extraction of Structure Lines Using Empirical Mode Decomposition
Chao-Yuan Lo and Liang-Chien Chen

2

~~Recognition of Myanmar Handwritten Compound Words Based on MICR
Ei Ei Phyu, Zar Chi Aye, Ei Phyu Khaing, Yadana Thein and Myint Myint Sein~~

3

~~Virtual View Synthesizing of a Large Scale Object in a Scene
Thin Lai Lai Thein and Myint Myint Sein~~

4

Surface Feature Extraction From LIDAR Data
Yi-Hsing Tseng, Ying-Zhe Luo and Miao Wang

5

~~Automatic Mapping and Assessment of Overburden Dump in a Coal Mine From
IRS LISS III Satellite Data
Parmita Bose and S.N. Mohapatra~~

ORAL SESSION

Room :R 3
Session :TS – 03, DEM/ 3D Generation
Chairperson :Orhan Altan

1

Evaluation of Worldview-1 Stereo Scenes and Related 3D Products
Daniela Poli, Kirsten Wolff and Armin Gruen

2

~~Extraction of Digital Elevation Model From Stereo Satellite Data~~
~~Hammad Gilani, Urooj Saeed, Salman Ashraf and Asim Daud~~

3

~~Improvement of Insar Images Based on STRM DEM To Help Phase Unwrapping~~
~~Zheng Xiang and Xingzhao Liu~~

4

Level of Detail Generation of 3D Building Models
Wan-Rong Lin, Fuan Tsai and Jei-Jhong Chen

5

3D City Model for Part of Moratuwa Town in Sri Lanka
Shammie Jayatunga

6

Space Intersection Model Investigation Based on Generalized Stereopair
Weidong Song and Weixi Wang

7

Semi-automated Model-based Building Reconstruction by Fitting Models To
Versatile Data
Sendo Wang, Yi-Hsing Tseng, Liang-Chien Chen, Chieh-Tsung Chen, Hsu-Chen
Hsu and Szu-Jen Chen

ORAL SESSION

Room :R 4
Session :TS – 04, **Digital Camera & Photo-grammetry**
Chairperson :Clive Fraser

1

Auto-Selection of Airborne Oblique Images for Automatic Façade Texture Mapping

Chan-Yi Chu, Jiann-Yeou Rau, Liang-Chien Chen, Chieh-Tsung Chen and Hsu-Chen Hsu

2

Geometric Calibration of a PTZ Camera

Chi-Farn Chen, Su-Rung Yang and Li-Yu Chang

3

System Performance Considerations for Spaceborne High-Resolution Mapping

Rainer Sandau

4

Radiometric Performance Analysis of Mobile Phones Cameras

Devrim Akca and Armin Gruen

5

Three-Dimensional Positioning for Building Boundaries Using Highly Overlapped Aerial Images and Large-Scale Vector Maps

Han-Fang Tsai and Liang-Chien Chen

6

The Registration Between Building Facets and Aerial Images

Meng-Tsung Chiang and Liang-Chien Chen

7

Error Patterns on Digital Ortho-Photo

G.Sanka N.Perera and N.M.P.Milinda Piyasena

ORAL SESSION

DAY 2 :11 November 2008 (Tuesday)
TIME :10.45 – 12.30

Room : R 1
Session :TS – 05, Coastal Zone/ Fisheries
Chairperson :Karel Pavelka

1

~~Estimation of Chlorophyll Concentration From Satellite MODIS Data
Mazlan Hashim and Maged Marghany~~

2

Effects of Coastal Processes on Shoreline Changes Along Digha-Shankarpur
Coastal Tract Using Remote Sensing and GIS
Sailesh Samanta and Saikat Kumar Paul (**Presented in session TS-15**)

3

Solitary Waves Propagating by Variable-Coefficient Extended Korteweg-De Vries
Equation
Myo Myo Thu and Moe Moe Hlaing

4

Deformation of Two-Fluid Interfacial Flow
Sandar Lwin and Khaing Khaing Aye

5

Analysis of Tsunami Wave Profiles
Aye Aye Thwin and Cho Cho San

6

~~Development of Nonlinear Algorithm for Mapping Sea Surface Salinity From
MODIS Data
Maged Marghany, Salah Denasikah, Shattri Mansor and Mazlan Hashim~~

ORAL SESSION

Room : R 2
Session : TS – 06, **GIS Application in Resource Management**
Chairperson : P.H. Anand

1

~~Application of GIS for ecological land capability assessment using a weighted matrix model: a case study at Rahim-Abad (Iran) watershed~~
~~Ardavan Ghorbani, Hussein Ahani, Marzieh Rastegar Moghadam, Said Rashid Falah Shamsi and Majid Bagher Nejad~~

2

Spatial Aspects of Climate Change and Effects on Aquaculture in Bangladesh
M.A.Salam, Neil Handisyde and Lindsay G.Ross

3

Geospatial Information System for Integrated Fisheries Development in Kerala State, India
P.K.Mohanty and N.C.Anil Kumar

4

Justification of Physical Boundaries of Emerging Urban Centers of Sri Lanka Using Spatial Data on Land Use and Population by Grama Niladhari Divisions
I.K.Wijeratne, L.H.Indrasiri and J.A.D.C.C.Perera

5

~~The Challenges of River Basin Information System (RBIS) As Framework for Water Monitoring in Nigeria~~
~~A.O.Eludoyin, O.M.Eludoyin and A.V.Akinbode~~

6

Hydrological Modeling of Solani Watershed Using Soil Water Analysis Tool
Pryantha Jayakody, S.P.Aggarwal and Lal Muthuwatta

ORAL SESSION

Room : R 3
Session : TS – 07, DEM/ 3D Generation
Chairperson : Armin Gruen

1

~~Realism of 3D City Urban Model using LiDAR and IKONOS data for Security Hotspot Analysis
Mohd Rizaludin Mahmud, Mohd Hafiz Anuar and Mazlan Hashim~~

2

Evaluation on The Potential of L-Band ALOS PALSAR Imageries for DEM Generation and Land Subsidence Detection Using INSAR/DINSAR Techniques
Anuphao Aobpaet, Chaiyapon Keeratikasikorn, Itthi Trisirisatayawong

3

Comparison of a River Network Delineated From Different Digital Elevation Models Available in Public Domain
H.K.Nandalal and U.R.Ratnayake

4

Accuracy of 3 Dimensional Measurement by ALOS AVNIR-2
Mitsuhiro Kojima, Takahiro Nakagawa and Masataka Takagi

5

Accuracy Evaluation of 3D Data Generation From PRISM Images Using Least Squares Matching Method
Takahiro Nakagawa, Kojima Mitsuhiro and Masataka Takagi

6

Detection on Seasonal Changes in The Haeundae Marine Topography Using GIS

Kim Ji-Yong, Choi Chul-Uong and Lee Chang-Hun (Presentation done in TS-11)

7. (New inclusion at the conference. Same paper was presented in poster session)

Satellite Monitoring The Pali Lake Disaster In Tibet China
Wang Zhihua, Xu Qide and Cheng Zunlan

ORAL SESSION

Room : R 4
Session : TS – 08, **Digital Camera & Photo-grammetry
Geometric Correction**
Chairperson :Bradlay Skelton

1

~~Automatic Extraction of Building Planes From LIDAR Data~~
H.A.Nalani

2

Direct Georeferencing of Airborne Oblique Imagery from Multiple DSLR Cameras
Jiann-Yeou Rau, Liang-Chien Chen, Jen-Yu Wen, Ding-Ming Huang, Chieh-Tsung Chen and Hsu-Chen Hsu

3

Texture Mapping of 3-D Building Models Using Pose Estimation of Digital Photographs
Yong Kiat Allan Tan, Leong Keong Kwoh and Sim Heng Ong

4

Research for Relative Orientation of Satellite Images Using Existing Control Points
Jaehoon Jeong and Taejung Kim

5

Robust LM Algorithm and Its Application in Satellite Image Geometric Correction
Pengshan Chen, Weili Jiao, Xiupeng Jia and Wei Wang

6

Integrating The Advantages of Hyperion Image with Linear Spectral Unmixing To Detect The Urban Composition
D.R.Welikanna, V.Tolpekin and Yogesh Kant

ORAL SESSION

DAY 2 :11 November 2008 (Tuesday)
TIME :14.45 – 16.30

Room : R 1
Session :TS – 09, **Ecology and Environment
Integration of remote sensing**
Chairperson :K.G.P.K Weerakoon

1

Environmental Impact Study of a Pumped Storage Project on Hilly Tract of Purulia, - A Remote Sensing GIS Analysis
Abhisek Chakrabarty, Dilip Kumar Pal and Soumendu Chatterjee

2

Dynamic Monitoring of Ecological and Environmental Changes During 13 Years in Ertan Reservoir Catchment
Tao Sun, Zhiguo Pang, Shibing Pan and Dexiang Ge

3

Decomposition Approach for The Generation of Renewable Power Sources
May Than Tun and Khaing Khaing Aye

4

New Generation Remote Sensing Data Analysis for Mammal Biodiversity Richness Mapping in Tropical Rainforest
Mohd Rizaludin Mahmud and Mazlan Hashim

5

Data Analyses for Rehabilitation of a Dried Lake Using GIS and RS
Dursun Zafer Seker, Aysegul Tanik and Izzet Ozturk

6

Mapping Oil Spills in the Asian Seas using SAR imagery and GIS
Andrei Yu. Ivanov

ORAL SESSION

Room : R 2
Session : TS – 10, **GIS Application in Resource Management
Change Detection**
Chairperson :P.A.Ariyaratne

1

Impact of Urbanization on Urban Lake Using High Resolution Satellite Data and GIS (A Case Study of Man Sagar Lake of Jaipur, Rajasthan)
K.N.Joshi

2

Application of GIS for Identification of Potential Urban Centres for The Development As Solar Powered Cities in Sri Lanka
L.H.Indrasiri, W.R.Navodani and P.P.D.S.Sandamali Pathirage

3

Hydrogeochemical Mapping in Upper Gadilam River Basin Using GIS Technique, Tamil Nadu, India
S.Aravindan, Poovalinga Ganesh, K.Dharani Rajan and M.Manivel

4

Geomorphological Map for Uva Basin
R.M.C.W.M Rathnayake and P.Wickramagamage

5

Some Applications of GIS in Technology Infusion and Promotion of Farmers Participation in Irrigation and Farm Management - Sri Lanka
H.M. Jayatillake and Kenji Yasuda

6

Change Detection of Building Models From Multi-Source Geodata
Chao-Yuan Lo, Liang-Chien Chen, Chih-Yuan Huang and Tee-Ann Teo

7

Using Multidimensional Histogram Equalization As Relative Radiometric Calibration for Change Detection in Remote Sensing Imagery
Hsien-Ting Chen and Hsuan Ren

ORAL SESSION

Room :R 3
Session :TS – 11, **Application of New Sensors**
Chairperson :K.A.L.R.Silva

1

~~RazakSAT Medium-Sized Aperture Camera (MAC) System In-Flight Calibration~~
~~Shu Chuen Woo and Abdul Malik Bin Yacob~~

2

Global Change Observation Missions
Haruhisa Shimoda

3

UAV-Based Mapping System by Multi-Sensor Integration
Masahiko Nagai, Tianen Chen, Afzal Ahmed and Ryosuke Shibasaki

4

Spectral Responses of Water Subclasses in C Band HH Polarized Data
Abhijat A. Abhyankar, Anand Patwardhan and Arun Inamdar

5

Growth and Development of The DMC; New Developments in The International Constellation Build a Sustainable EO System
J.Paul Stephens

6

A New Remote Sensing Resource From Chinese FY-3A Satellite
Dong Chaohua, Yang Jun, Yang Zhongdong, Lu Naimeng, Shi Jinming, Zhang Peng, Liu Yujie and Cai Bin

ORAL SESSION

Room :R 4
Session :TS – 12, **Airborne Sensing
GPS**
Chairperson :M.A.Salam

1

Leica Geosystems' Latest Generation of Airborne Sensors and Its Big Variety of Applications
Mathias Motz

2

UAV Mapping of Surface Wave Spectra Under Influence of Bathymetry
Cho-Teng Liu, Dong-Jiing Doong and Chi-Jung Chang

3

Applications of Multi-Mode Airborne Digital Camera System in Wenchuan Earthquake and Qingdao Algae Disaster Monitoring
Fang Junyong, Li Qingting, Liu Xue, Li Ziwei and Tong Qingxi

4

Error Pattern Recognition of Static GPS Observation with Change of PDOP, Baseline and Observation Duration
N.M.P.M.Piyasena and G.S.N.Perera

5

Accuracy Variation of Dual-Frequency GPS Surveying Under Forest Canopy by Using an Extendable GPS Antenna Pole
Tetsuhiko Yoshimura, Hisashi Hasegawa and Tetsuro Sakai

6

Detecting and Locating Landmines by Using GPS & GIS Enabled Remotely Controlled Robot
Chaminda Saman Rathnayake

7

~~A Smoothing Algorithm Based on Least-Squares Estimation for GPS Data Processing~~
~~Seyed Mohammad Reza Mosavi~~

ORAL SESSION

DAY 3 :12 November 2008 (Wednesday)
TIME :08.30 – 10.15

Room :R 1
Session :TS – 13, **Agriculture & Crops
Forestry/ Ecosystem**
Chairperson : H.K.Nandalal

1

Near Real-Time Decision Support System for Drought Monitoring and Impact Assessment on Rice in Ubon Ratchathani, Northeastern Thailand
Daroonwan Kamthonkiat, Honda Kiyoshi, Sujitra Charoenhirunyingyos and Khun San Aung

2

Assessing Disease Severity of Rice Bacterial Leaf Blight with Canopy Hyperspectral Reflectance
Chwen-Ming Yang and Yih-Chang Chang

3

Distribution of Natural Rubber Cultivation in Relation To Soil and Landscape Attributes in India
Shankar Meti, D.V.K.N.Rao, N.Usha Nair and James Jacob

4

Benchmarking Cotton Water Use and Productivity Using Spectral Indices
X.L.Cai, P.S.Thenkabail and A.Platonov

5

Application and Integration of Remote Sensing Technology in Narcotic Crops Survey
Varisara Yasamuth and Pratchya Thawikun

6

Analysis of Economic Crop Reflectance by Field Spectral Signature: Case Study Sugarcane
Kridsakron Auynirundronkool, Kampanat Deeudomchan, Amornchai Prakobya, Varinthon Jarnkoon, Manuwat Tintarasara Na Ratchasema and Mayura Seechan

7

Understandings for Regional Characteristics of Agriculture Using Terra/Aster Data
Genya Saito, Daisuke Kunii, Istumi Yatsu, Katsuya Yabe, Fumiko Namiwa, Kohta Imai and Takahiko Sugihara

ORAL SESSION

Room :R 2
Session :TS – 14, **Data Processing**
Chairperson :Sarath Jayathilake

1

A New Approach To Noise Reduction in a Hyperspectral Image
Li-Yu Chang and Chi-Farn Chen

2

~~Investigation on The Class Dependent Properties of Atmospheric Scattering
Effects on Satellite Signal in The Visible and Near Infrared Region of Solar
Spectrum
Bidyut Kumer Saha and Hafizur Rahman~~

3

Possibility Study on Image Matching for GCP Collection Using High Resolution
Satellite Images
Kyaw Sann Oo and Masataka Takagi

4

~~Thales Alenia Space (France) High Resolution Remote Sensing System
D.Esterhazy, E.Pailharey and L.Frecon~~

5

Removal of Cloud Cover in Image Data Processing
Mohamed Aroos and Pathma Guruge

6

Integrated Adjustment of Multi-Sensor Blocks for Optical Satellite Images
Wen-Chi Chang, Liang-Chien Chen, Tee-Ann Teo and A.J.Chen

7

TDI-CCD Image Simulation and Quality Assessment in Asynchronous Imaging
Mode for Remote Sensing Satellite
Cynthia Liu, Feng-Tai Hwang and Jer Ling

ORAL SESSION

Room :R 3
Session :TS – 15, **GIS Application in social themes**
Chairperson :Wataru Ohira

1

GIS Based Multi-Criteria Evaluation for Spatial Distribution of Schools in Western Province. A Case Study in Colombo District
K.G.P.K Weerakoon and H.M.I.D.P.Jayawardena

2

~~GIS Approach To Reconstruct Galle in Sri Lanka for Modern World Tourism~~
~~Sunethra Wickramasinghe~~

3

~~Extension of Modern Healthcare Infrastructure of Major Cities To The Rural Areas Using GIS - A Pilot Study for Indian Condition~~
~~Biswajit Sarma~~

4

Geographic Information System and Remote Sensing for Determining Dengue Fever Risk Areas in Thailand
Anusorn Rungsipanich and Jiratiwan Kruasilp

5

A Proposal for Disease Mapping in General and Cancer Research in Particular - Asking Questions for Health GIS Implementation in Sri Lanka
Ishwari Sivagnanam

6

An Implementation of Web Based Mobile Sensing for Human Flow Visualization and Analysis
Teerayut Horanont and Ryosuke Shibasaki

ORAL SESSION

Room :R 4
Session :TS – 16, **Image Classification**
Chairperson :L.H.Indrasiri

1

~~Interpretation Keys for Crater and Dome Mapping From Satellite Images~~
~~S.Vijayan, K.Vani and S.Sanjeevi~~

2

Three Dimensional Texture Computation of Gray Level Co-Occurrence Tensor in Hyperspectral Image Cubes
Jhe-Syuan Lai and Fuan Tsai

3

Object Oriented Image Analysis for Building Façade Information Extraction
M.T.M.Rafeek

4

Algorithm Research of Maximum Likelihood Classification Based on Fuzzy Inference
Jingxue Wang, Weidong Song and Feng Gao

5

Landslide Classification Using LIDAR-Derived Data and SPOT Imagery
Mon-Shieh Yang , Ming-Chang Lin and Jin-King Liu

6

Effects of Land Cover Class Spectral Separability and Parameter Estimation in Super Resolution Mapping of an ASTER Image
Valentyn Tolpekin, Jeremy Sikazwe and Alfred Stein

7

~~Multi Scale Segmentation Techniques in Object Oriented Image Analysis~~
~~A.K.R.N. Ranasinghe~~

ORAL SESSION

DAY 3 :12 November 2008 (Wednesday)
TIME :10.45 – 12.30

Room :R 1
Session :TS - 17, **Agriculture & Crops
Forestry/Ecosystem**
Chairperson :J.S.M.Fowze

1

Difficulties in Using Spectral Properties To Map Irrigated Areas in a Temperate Climate: A Case Study of Potatoes in England
S.A.M.Shamal, E.K.Weatherhead and J.W.Knox

2

Mapping Paddy Rice Using Multi-Temporal MODIS Images
Chi-Farn Chen, Qing Chen, Li-Yu Chang and Chu-Yen Chen

3

Evaluating The Function of Soil Erosion Prevention on Farmland Based on Satellite Images and GIS Database - Case Study of all Farmlands on Okayama Prefecture, Japan
Shigeo Ogawa, Takahiro Shiono and Hiroshi Yoshisako

4

~~Role of Space Technology for Crop Monitoring and Food Security Planning in Bangladesh
M.A.Salam and H.Rahman~~

5

Forest Cover Assessment Using Remote Sensing and GIS: A Case Study of Chamoli District, Uttarakhand, India
Praveen Mishra and Mohan Singh Panwar

6

Forest Extent Mapping Using Fusion of Multi Spectral and PAN Data, Comparison of ETM+ and IRS-PAN Imagery
Mohammad Rashid Amini and Shaban Shataee

7

Monitoring Forest Dieback Severity and Plant Communities Diversity Using Multi-Temporal Satellite Data in The Horton Plain National Park, Sri Lanka
Sisira Ediriweera, Sumith Pathirana, B.M.P.Singhakumara and P.Wickramagamage

ORAL SESSION

Room :R 2
Session :TS - 18, **Data Processing**
Chairperson : Devrim Akca

1

Optimal Load Sharing for a Divisible Job and Markov Chain Models on a Bus Network

Ma Ni Ni Win and Cho Cho San

2

~~Application of Statistic and Crosta Technique for Alteration Region Mapping (Barjaz Area)~~

~~Z.Adeli, F.Malek Saba and I.Rasa~~

3

~~Comparitive Analysis of Dsm Filing Techniques Applied on Satellite Stereo Dataset~~

~~Shefali Agrawal, Poonam S. Tiwari, Hina Pande and V.K. Dadhwal~~

4

A Novel Feature Extraction Approach for Remote Sensing Image Based on The Shape-Adaptive Neighborhood

Hongsheng Zhang and Yan Li

5

Classification of Multitemporal ALOS PALSAR Data

M.Ganzorig, D.Amarsaikhan, H.H.Blotevogel, D.Oyunchimeg, D.Narantuya and B.Nergui

6

~~Comparision of Urban Backscatter Characteristics of Multitemporal ALOS PALSAR Images~~

~~D.Amarsaikhan, D.Oyunchimeg, H.H.Blotevogel and M.Ganzorig~~

~~*Presenter: B. Tumenbayar*~~

7

~~Temporal Landslide Hazard Analysis Based on a Historic Approach Along a Road Corridor, Using High Resolution Panchromatic & Multispectral Data Within a GIS Environment: a Case Study From Uttarakhand India~~

~~Sumana Chakraborty~~

ORAL SESSION

Room :R 3
Session :TS – 19, **GIS Application in social themes**
Chairperson : K.N.Joshi

1

Importance of Integration of Spatial Data in GIS for Rural Development -
Meegahakivula, Sri Lanka
K.R.M.U.Bandara, Henri Eisenbeiss, Martin Sauerbier and Dominik Ramp
Presenter: Armin Gruen

2

The Study of The Pattern of Health of Rural Population of Sir Gobardhanpur
Nyaya Panchayat, Varanasi District, Uttar Pradesh
Narender Verma, B.R.K.Sinha and Panchanan Verma
Presenter: Narpat Singh Rathore

3

An Analysis of Individual Public Land Price Fluctuation Using GIS & RS in
Haeundae Gu of Busan
Son Jung-Woo, Choi Chul-Uong, Lee Chang-Hun, and Kim Min-Ji

4

Spatial Patterns and Geographic Determinants of Poverty in Sri Lanka: Linking
Poverty Mapping with Geoinformatics
G.W.J.Chandrasiri and Lal Samarakoon

5

~~Dietary Influences on Cancer in and Around Coimbatore, India: A GIS Based
Risk Assessment Study~~
~~P.B.Harathi, M.Prashanthi Devi, S.Valarmathi and S.Balasubramanian~~

6

~~Tracing The Spatio Temporal Path of Peak Malaria Incidences Using Walk
Analysis and GIS~~
~~S.Valarmathi, M.Prashanthi Devi, P.B.Harathi and S.Balasubramanian~~

7

Spatial Interpretation of Population Distribution in Colombo Metropolitan Area
Using GIS
K.G.P.K Weerakoon

ORAL SESSION

Room :R 4
Session :TS – 20, **Image Classification
Innovation Problem Solving Methodologies**
Chairperson :Rabin K. Sharma

1

3D Parallel Thinning for Extracting Medial Lines and Surfaces
Ma Win Yu Nwe and Cho Cho San

2

Derivative Based on Discrete Version in Image Segmentation
Ma Zin Myint Maw and Khaing Khaing Aye

3

Wavelet Transform in Image De-Noising
Suu Suu Yee and Khaing Khaing Aye

4

~~IRS and MODIS Image Fusion for Improving Classification Accuracy Using
Linear Mixing Model~~

~~A.A.Matkan, Maryam N.Jahromi, P.Zeaeian Firouzabadi and A.Alimohammadi
Sarab~~

5

Remote Sensing Ontology Development for Data Interoperability
Masahiko Nagai, Masafumi Ono and Ryosuke Shibasaki

6

An Approach Using Artificial Intelligence for Automated Cartographic
Generalization
P.G.R.N.I.Pussella and Jagath Gunatilake

ORAL SESSION

DAY 3 :12 November 2008 (Wednesday)
TIME :14.45 – 16.30

Room :R 1
Session :TS – 21, **Agriculture & Crops
Forestry/Ecosystem**
Chairperson :Sjaak J.J. Beerens

1

An Application Research of Multi-Temporal Satellite Images for Forest Reclamation Monitoring in The Abandoned Mine Area
Byeong-Hyeok Yu and Kwang-Hoon Chi

2

Classification of Tree Species in Field Science Center, Tohoku University, Using Aerial Hyper Spectral Data
Katsuya Yabe, Fumiko Namiwa, Takahiko Sugihara, Itsumi Yatsu, Genya Saito, Shinya Odagawa and Yukio Kosugi

3

Monitoring of Japanese Forest Biomass Using Stereoscopic Ability of Aster Sensor
Takahiko Sugihara, Fumiko Namiwa, Kohota Imai, Daisuke Kunii and Genya Saito

4

Expected Properties of Remote Sensing Applications for Forest Managers: Lesson Learnt From Their Experiences and Expectations
Gen Takao, Hari Priyadi and Wim Ikbal Nursal

5

Investigating The Performance of JERS-1 SAR and ALOS PALSAR Mosaics for Forest Cover Mapping in Vietnam
Wataru Takeuchi, Preesan Rakwatin, Masanobu Shimada and Haruo Sawada

6

~~The FAO global Forest Resource Assessment Remote Sensing Survey
Patrick Evans, Mette Wilkie and Adam Gerrard~~

7

Evaluation of BIOME-BGC Model for Estimating NPP and LAI of Teak Plantation of Thailand Using SPOT-Data As Reference
Chomchid Imvitthaya and Kiyoshi Honda

ORAL SESSION

Room :R 2
Session :TS – 22, **Water Resources**
Chairperson :Vivarad Phonekeo

1

~~Estimation of Evapotranspiration Using Fused Remote Sensing Image Data and M-SEBAL Model for Improving Water Management in Arid Mountainous Area~~
~~A.Almhab and I.Busu~~

2

Application of Remote Sensing and GIS Techniques in Groundwater Exploration in Attanagalu Oya Basin
A.S.M.N.B.Samarakoon and A.P.G.R.Lasantha Perera

3

Assessment of Changing Pattern of The River Course and Its Impact on Adjacent Riparian Areas Highlighting The Importance of Multi- Temporal Remotely Sensed Data
N.D.K.Dayawansa

4

~~Geomatics Modelling of Geosystems for Groundwater Targetting, Pudukkottai District, Tamil Nadu, India~~
~~K.Palanivel, S.Gunasekaran, SM.Ramasamy and C.J.Kumanan~~

5

Estimating The Spatial Variability of Water Consumption in The Karkheh River Basin - Iran Using MODIS Data
L.P.Muthuwatta, Mobin-Ud-Din Ahmad, M.G.Bos, T.H.M.Rientjes

6

Extracting Flood Extent From RADARSAT SAR Data Using Neural Network
R.Suwanwerakamtorn and E.Salakkham

7

~~Using Geospatial Information System (GIS) for Locating The Best Water Quality Monitoring Stations~~
~~Ali Babaei, Ali.A Alesheikh and Saeed Behzadi~~

ORAL SESSION

Room :R 3
Session :TS - 23, Urban Change / Monitoring
Chairperson :Mohamed Aroos

1

~~Change Analysis Between High Resolution Satellite Imagery and Digital Map Using Object-Based Algorithms~~
M.Nikfal and F.Samadzadegan

2

~~Assessment of Large Scale Maps From Quickbird Images for Kafr Az-Zayyat Region, Egypt~~
Ahmed I. Ramzi, Nikola Gorgiev and Rumen Nedkov

3

~~Development of New Urban Extent Map with Integration of ASTER Satellite Images and Existing Urban Extent Maps~~
Hiroyuki Miyazaki, Koki Iwao and Ryosuke Shibasaki

4

~~Application of Geoinformatics To Urban Environmental Management in View of Urban Climatology: Case Study in Ho Chi Minh City, Vietnam~~
Tran Thi Van and Ha Duong Xuan Bao

5

~~Fringe and Fusion: a Study in Urban Dynamics~~
Monika Vij

6

~~Urban Growth - Expansion Impacts and Evaluation of Stress on Land Use Patterns - Case Study of Three Large Cities of Tamil Nadu, India~~
G. Bhaskaran, N.Sivagnanam, R.Jaganathan and Dipankar C.Patnaik

7

~~Exhaust Emissions Assessment Over Asian Mega Cities with Satellite Remote Sensing and City Traffic Modeling~~
Hirotoshi Kishi, Wataru Takeuchi and Haruo Sawada

ORAL SESSION

Room :R 4
Session :TS – 24, **Students Session -2**
Chairperson :Kohei cho

1

~~The Challenges of GIS Education and Training: (GIS Use by Municipal Urban and Regional Planning)~~

Hester J.W Marais

2

Spatial Statistics of Cotton Textile Industry in Late Ming Songjiangfu, China
Peiyao Zhang, Hui Lin and Billy K.L.So

3

Entity-Based 3D Building Modeling
Tung-Chi Yang and Yi-Hsing Tseng

4

Space Science and Geomatics Education in Nepal
Krishna Raj Adhikary

5

Plane Fitting Methods of LIDAR Point Cloud
Chien-Ming Huang and Yi-Hsing Tseng

6

Participatory Approach To Identify Priority Areas for Conservation a GIS
Application for Kurundu Oya Catchment Sri Lanka
R.M.K.Kumarihamy and N.D.K.Dayawansa

ORAL SESSION

DAY 4 :13 November 2008 (Thursday)
TIME :08.30 – 10.15

Room :R 1
Session :TS – 25, Climate / Environment
Chairperson :Lal Samarakoon

1

Estimation of Precipitable Water Distribution Over Northeast Asia Using NOAA AVHRR
Shin Akatsuka, Wataru Takeuchi and Haruo Sawada

2

Comparison of Modis and Aeronet Aerosol Optical Thickness Over Taiwan
D.Gerelmaa, G.R.Liu, T.H.Lin and T.H.Kuo

3

~~Estimation of Solar Radiation in Bangladesh From NOAA AVHRR Time Series Digital Images~~
~~M.S.Ali, H.Rahman and R.K.Mazumder~~

4

Remote Sensing Measurements of Aerosol Optical Thickness and Correlation with In-Situ Air Quality Parameters During a Biomass Burning Episode in Southeast Asia
Boon Ning Chew, Chew Wai Chang, Santo Valentin Salinas and Soo Chin Liew

5

Rainfall Characterization by Satellites and Ground Data for Soil Erosion Estimation in Cape Verde
Juan F. Sánchez-Moreno, Chris M. Mannaerts and Victor Jetten

6

Detecting Flooded Location Using SAR Data and Assessment of Post-Flooded Condition
Moungjin Lee, Seongwoo Jeon, Soojyoung Myoung and Juongsun Won

ORAL SESSION

Room :R 2
Session :TS – 26, **Geo-hazards/ Disasters**
Chairperson : M.K.Hazarika

1

Analyses of Relations Between Variable Factors and Water Erosion Changes Using GIS and RS (Case Study: Yamchi Dam Drainage Basin, Ardabil, Iran)
Abazar Esmali

2

~~Detection The Assessment of Environmental Changes From Satellite Image~~
~~Nang Mya Mya Nwe and Myint Myint Sein~~

3

~~Damage Detection of The 2008 Sichuan, China Earthquake From ALOS Optical Images~~
~~Wen Liu and Fumio Yamazaki~~

4

Assessment of Geomorphic Response and Landform Evolution Due To Active Tectonics At Himalayan Frontal Thrust
Altanshagai Shirnen and P.K.Champati Ray

5

~~Topographic Correction for The Initial Rainfall Factor for Landslide Prediction~~
~~Jin-King Liu, Zu-Yi Liao and Tian-Yuan Shih~~

6

Characterization of Flooded Areas in The 2008 Myanmar Cyclone Using ALOS/PALSAR Data and DEM
Keita Kato and Fumio Yamazaki

7

Extraction of Building Damages in The 2007 Niigata-Ken Chuetsu-Oki Earthquake Using Digital Aerial Images
Daisuke Suzuki and Fumio Yamazaki

ORAL SESSION

Room :R 3
Session :TS – 27, Land Use/ Land Cover
Chairperson :I.K.Wijeratne

1

Relationships Between Land Use and River Nutrients in Northern Region of Japan Using Remote Sensing and GIS
Daisuke Kunii, Kohta Imai and Genya Saito

2

A Remote Sensing Case Study of Land Use/Land Cover Changes in The Peatlands of Muaro Jambi, Indonesia, Between 1989-2007
Ping Chen, Jukka Miettinen, Soo Chin Liew and Leong Keong Kwoh

3

Land Use Discrimination in The Tropical Humid Climate Region Using Variation of Land Cover Characteristics Derived From Remote Sensing Data
Satoshi Uchida

4

Agricultural Characteristics and Interpretation of Cyclone Damage in Myanmar Using Satellite Data
Itsumi Yatsu, Katsuya Yabe and Daisuke Kunii

5

Understanding of Plants Transition and Development of Vegetation Maps of Field Science Center, Tohoku University Using Remote Sensing and GIS
Fumiko Namiwa, Daisuke Kunii, Katsuya Yabe and Genya Saito

6

Cost-Effective Pasture Resources Estimation From Space
Akira Hirano, Bayaraa Batbileg and Kazumasa Shindo

7

~~Classification of Fused Data for Land Use Mapping in Local Plan~~
~~Norzailawati Mohd Noor and Mazlan Hashim~~

ORAL SESSION

Room :R 4
Session :TS – 28, **Laser Scanner Mapping**
Chairperson :Gottfried Konecny

1

Simultaneous Localization and Mapping for Mobile Robot with Laser Range Scanner

Naoki Okada, Huijing Zhao, Ryosuke Shibasaki and Kyoichiro Katabira

2

Remote sensing applications within SIIRM

Jerome Courboules

3

Automatic Registration of Conjugate Points for Mobile Mapping Image Sequences

Ren-Yu Li and Yi-Hsing Tseng

4

Generalization of 1:10 000 Database To Create Subset Databases

H.J.S. Fonseca

5

A Study for Safe Driving Using a Laser Scanner -Integration of The Sensor on Motionless Objects and Moving Objects

Hisaya Hirose, Kyoichiro Katabira, Huijing Zhao and Ryosuke Shibasaki

6

Use of High Resolution Satellite Imageries in Mapping

Mohamed Aroos, Kelum Priyantha and Nalina Sanjaya

7

~~Mountain Mapping with ALOS Triplet~~

~~Yang Ming Hui and Ren Wei Chun~~

ORAL SESSION

DAY 4 :13 November 2008 (Thursday)
TIME :10.45 – 12.30

Room :R 1
Session :TS – 29, **Spatial Database
Global Issues**

Chairperson :Devrim Akca

1

1/10,000 scale mapping process over Sri Lanka using Quickbird images – SIIRM project
Michael Tonon

2

MODIS Activities in Geoinformatics Center, AIT
Vivarad Phonekeo and Lal Samarakoon

3

~~A Comparative Study of Map Calculus and Map Algebra in a GIS Environment~~
~~Zahra Bahramian and Mahmoud Reza Delavar~~

4

Establishing a Land Information System in a Relational Database Management System in Sri Lanka
K.A.B.S.Rupasinghe

5

GIS Based E- Plan for Urban Local Authorities in Sri Lanka
Pushpa Gamage

ORAL SESSION

Room :R 2
Session :TS – 30, **Geo-hazards/ Disasters**
Chairperson :M.A.Salam

1

~~Applying Partial Least Squares Regression Technique for Rapid Detection of Changes in Soil Chemical Composition Related To Land Degradation~~
M. Luleva

2

Application of Perpendicular Drought Index in The Drought Assessment in Northeast Region of Thailand Using MODIS Data
Anusorn Rungsipanich and Woranut Chansury

3

Flood Hazard Mapping in Lower Reach of Kelani River, Sri Lanka
J.S.M.Fowze, I.P.A.Gunasekara, P.P.Liyanage, M.K.Hazarika and L.Samarakoon

4

Flood Hazard in Savannakhet Province, Lao PDR Mapping Using HEC-RAS, Remote Sensing and GIS
A.Bormudoj, M.K.Hazarika, L.Samarakoon, S.Phosalath and V.Sengtianthr

5

~~Study Relation Between Length and Width of Faults in Alluvium with DEM for Decreasing Disaster in Cities~~
~~Shohreh Rafice and Mohammad Reza Abbassi~~

6

~~Fuzzy B-Spline for Three-Dimensional Visualization From Remote Sensing Data and Its Impact on Shoreline Changes~~
~~Maged Marghany and Mazlan Hashim~~

ORAL SESSION

Room :R 3
Session :TS – 31, **Land Use/Land Cover
Soil/Land Management**
Chairperson :Liang-Chien Chen

1

Eastern Asia Land Cover Classification Using MODIS Surface Reflectance Products
Haruhisa Shimoda and Kiyonari Fukue

2

Expert Classification Based Land Use / Land Cover Change Detection : A Case Study of Dehradun, India
Kumar Minakshi, A.Harinda Lakmal, A.M.K.B.Abeysinghe and V.K.Dadhwal

3

Preparation of Land Use Data for Municipalities Using Remote Sensing and Geographical Information System Technology
Rabin K. Sharma

4

Pasture Biomass Monitoring Using NOAA, MODIS and FY-2C Satellites Data
M.Erdenetuya, B.Erdenetsetseg and D.Odonkhoo

5

~~Land Use/Land Cover Dynamics: A Case Study of The Pachin River Basin, Eastern Himalaya, Arunachal Pradesh
J.S.Rawat, Binita Baruah and R.C.Joshi~~

6

~~Spatial Pattern Analysis of Land Degradation Using Satellite Remote Sensing Data and GIS in Mandalay Watershed, Central Myanmar
Kyaw Zaya Htun, Swe Swe Aye and Lal Samarakoon~~

7

A Study on Changing Land Use Pattern Using GIS, Special Reference To Colombo Urban Area. Case Study in Boralasgamuwa
K.G.P.K Weerakoon, H.M.I.D.P.Jayawardena and D.L.Samarasingha

ORAL SESSION

Room :R 4
Session :TS – 32, **GIS Decision Support and Models**
Chairperson :P.A.Ariyaratne

1

Measuring Monsoonal Effects on Pollution Dispersion Pattern and Its Spatial and Temporal Variation in Relation To Physical Development in The City of Colombo Using GIS

P.R.Thamara Kumari Dissanayake and L.H.Indrasiri

2

Assessing Coastal Vulnerability To Climate Change and Anthropogenic Factors Around Darwin, Northern Territory of Australia

Sumith Pathirana and Serwan Baban

3

~~A Study on Developing GIS Based Decision Support System for EEZ Policy Making~~

~~Eunji Park and Kyehyun Kim~~

4

~~A Framework of Spatial Decision Support System for Trip Planning Using Activity-Based Modeling~~

~~M.R.Delavar, S.Kolyaie and M.R.Malek~~

5

A Spatial Decision Support System (SDSS) Using Web Map Services (WMS)-A Minimal Cost GIS Analysis and Implementation

Ishwari Sivagnanam, Ganeshalingam Vasanthan and Fazeem M.Farook

6

The Development of The Web Processing Service Engine Facilitating Spatial Data Query and Analysis

Soravis Supavetch and Sanphet Chunithipaisan

7

~~Integrated Planning and Decision Support Systems: Concept and Applications~~

~~M.A.Sharifi~~

ORAL SESSION

DAY 4 :13 November 2008 (Thursday)
TIME :13.30 – 14.30

Room :R 4
Session :TS – 33, **Disaster risk mitigation**
Chairperson :G.D.S.K. Gunarathna

1

Early Warning System for Glacial Outburst Flood Imja Lake
Ponthip Limlahapun and Hiromichi Fukui

2

~~Thales Alenia Space (France) Ratcom Project – Network of Alarm To The
Tsunamis and Risks Coastal in The Mediterranean
David Esterhazy and Claire Anne Reix~~

3

Tsunami Hazard Assessment in Indonesia Integrating Numerical Model and
Geospatial Data
M.K.Hazarika, R.Borah, L.Samarakoon, A.Subarkah, A.Velly, I.Carolita, and
J.Sitorus

4

Flood Monitoring & Catastrophe Assessment by Remote Sensing
Li Jiren

ORAL SESSION

DAY 4 :13 November 2008 (Thursday)
TIME :14.45 – 16.30

Room :R 1
Session :TS – 34, **Geo-hazards/ Disasters**
Chairperson :K.A.L.R.Silva

1

UAV Borne Search and Detection System Development for Disaster Area:
Application of Fish-Eye Lens
Masahiko Nagai, Afzal Ahmed, Chen Tianen, Ryosuke Shibasaki

2

Cyclonic Storm Surge Vulnerability of The Coastal Regions The Case of Periodic
Disasters of Orissa, India
Dipankar C.Patnaik and N.Sivagnanam

3

~~Collapse Mechanism for The Dam Lake in Iwate-Miyagi Inland Earthquake
Takako Shiraishi, Susumu Ogawa, Naoki Okada and Ryosuke Shibasaki~~

4

Flood Prevention Using GIS and Remote Sensing
Saru Chandrakar and Ani Thomas

5

Serious Land Slide Assessment Using ALOS Sensors Data Fusion Techniques
Yusuke Matsumura, Wataru Takeuchi and Haruo Sawada

6

Torrential Flood Hazards and Management, in Wadi Aday Muscat Area,
Sultanate of Oman, a GIS and Remote Sensing Approach
A.S.Saleh and S.M.AI-Hatrush

ORAL SESSION

Room :R 2
Session :TS – 35, LIDAR
Chairperson :Jiann-Yeou Rau

1

LIDAR Strip Adjustment with Height and Feature Strength Data
Chao-Liang Lee and Rey-Jer You

2

Point Clouds Filtering Techniques
G. Sanka N. Perera

3

Feature-Based Registration of Terrestrial and Aerial LIDAR Point Clouds
Towards Complete 3D Scene
Jen-Jer Jaw and Tzu-Yi Chuang

4

Locating Edge Points in Barhymetric LIDAR Data
Guo-Hao Huang and Chi-Kuei Wang

5

Error Elimination of Laser Scanner Data in GCP with Used of Prism
Tomonori Miyazaki, Ryo Inada and Masataka Takagi

6

~~Quantifying Urban Trees Using LIDAR Point Cloud Data~~
~~Anil Kumar and Pritam Chand~~

ORAL SESSION

Room :R 3
Session :TS – 36, **Geology/ Archaeology**
Chairperson :Daniela Poli

1

~~Mapping Neoproterozoic Structures Along The Central Allaqi-Heiani Suture, Southeastern Egypt, Using Remote Sensing and Field Data~~
Mamdouh M. Abdeen and Amr A. Abdelghaffar

2

~~Relating VNIR Spectra and Mineralogy of Anorthosites~~
R.S.Aarthy and S.Sanjeevi

3

~~Lineament Mapping Using Landsat TM Image and SPOT 4 in The Middle of Cameron Highland-Gua Musang Road (Km40-Km75)~~
Norbert Simon, Sharul Ezani and Juhari Mat Akhir

4

~~Application of Matched Filtering Technique To Target Alteration Minerals~~
Zanbagh Adeli, Iraj Rassa and Ali Darvishzadeh

5

~~Determinations of The Ancient Amazon Civilization Using ASTER and PALSAR Data~~
Kohta Imai, Kunii Daisuke, Genya Saito and Susumu Ogawa

6

~~Concept of Active Tectonic Mapping Using Satellite Based Lineaments, Parts of South India~~
J.Saravanavel, S.M.Ramasamy and C.J.Kumanan

ORAL SESSION

Room :R 4
Session :TS – 37 **Capacity Building**
Chairperson :Sarath Jayathilake

1

Extended Finite Element Method in Modeling Cracks
Ma Aye Myat Mon and Khaing Khaing Aye

2

Numerical Solution for Electrical Impedance Tomography Problem by D-bar Method
Ma Khin Aye Myint and Khaing Khaing Aye

3

Building Damage Assessment in Galle District Over The Construction of Southern Highway Using Satellite Images
Pathma Guruge, Bandu Adikari and Mohamed Aroos

4

Numerical Analysis for One Dimensional Electromagnetic Problem
Ma Marlar Tin and Cho Cho San

5

Finite Difference Method on Voronoi Diagram
Mg Zaw Min Tun and Khaing Khaing Aye

6

Blood Flow Modelling in Compliant Arteries
Aye Thanda Lwin and Cho Cho San

7

Relationship Between Land Use Map, Satellite Image and Soil Map
H.R.S.Bandara

POSTER SESSION

DAY 2 :11 November 2008 (Tuesday)
TIME :13.30 – 14.30

Room :R 5
Session :PS – 1

1

A Bedrock Exposure Change Monitoring In A Coastal Area Using Automated Determination Of Optimal Threshold (DOT) Algorithm
Kwang-Hoon Chi And Byeong-Hyeok Yu

2

Using Of Remote Sensing And Photogrammetry For Documentation Of Geoglyphs In Nazca/Peru Region
Karel Pavelka

3

From The Field To Your Desktop In Real Time - Open Source Business Solutions Using WEB GIS
Ishwari Sivagnanum, Ganeshalingam Vasanthan And Fazeem M.Farook

4

~~Benchmarking Cotton Water Use And Productivity Using Spectral Indices~~
~~X.L.Cai, P.S.Thenkabail and A.Platonov~~

5

SPECTRO-CAPP As A Tool To Estimate And Map Pasture Biomass And Mineral Component In New Zealand
Kensuke Kawamura, Keith Betteridge, Des Costall, Ieda D. Sanches, Mike P. Tuohy And Yoshio Inoue

6

Estimation Of Leaf Chlorophyll Concentration In Winter Wheat At Heading To Anthesis Using IKONOS Data
Shinya Tanaka, Mitsunori Ishihara, Seijiro Goto, Masayasu Maki, Tsuyoshi Akiyama, Yasunori Muramoto And Kazuaki Yoshida

7

Monitoring Changes In Rice Due To Tropical Cyclone Using RADARSAT-1 SAR Data
Abhijat A. Abhyankar, Anand Patwardhan And Arun Inamdar

POSTER SESSION

8

Video Stabilization Algorithm Comparison Based On Spatial Domain And Frequency Domain Matching

Xiaoguang Zhao And Taejung Kim

9

~~A Comprehensive Method For Inspecting Cube Corner Prism Based On Shack-Hartmann Wavefront Sensor~~

~~Jinye Zhang, Wei Gong, Liangpei Zhang And Pingxiang Li~~

10

~~Growth And Development Of The DMC; New Developments In The International Constellation Build A Sustainable EO System~~

~~J.Paul Stephens~~

11

~~Development And On-Orbit Performance Of HR Camera For CBERS-02B Satellite~~

~~Wang Xiaoyong, Hu Yongli, He Hongyan, Wang Jinqiang and Zhu Yonghong~~

12

The DMC Consortium for Earth Observation Information Services

Qiang Wu, Zhiyong Wang And Peihong Sun

13

Comparison And Performance Analysis For Relative Radiometric Calibration Methods

Tung-Han Hsieh And Hsuan Hren

14

Eco-Environmental Problems Research And Eco-Environmental Status Change Evaluation Of Earthquake Area Using Beijing-1 Small Satellite Images

Yu Bingyang and Wu Fei

15

~~The approach of Atmospheric Transmittance for ALOS/PRISM Imagery~~

~~Gin-Rong Liu, Tang-Huang Lin, Fuan Tsai and Kuo-Kuang Li~~

16

Land Surface Monitoring With Japanese Geostationary Satellite

Kei Oyoshi, Wataru Takeuchi And Masayuki Tamura

POSTER SESSION

17

Characterization Of Aerosol Optical Depth And Angstrom Exponent Across Singapore From Sun Photometer Measurements

L.Xin, T.W.Ern, R.Khoo, A.K.Yong, B.N.Chew, S.V.Salinas And S.C.Liew

18

Estimation Of Oceanic Heat Storage From Satellite And Model Data

Chun-Yi Lin, Chung-Ru Ho, Zhe-Wen Zheng And Nan-Jung Kuo

19

Regional Comparison Of Trends In The Arctic Sea Ice Cover Derived From Satellite Passive Microwave Data Sets

Yuta Tochigi, Kohei Cho, Koki Nishiura And Yutaka Tonegawa

20

~~Revalidation Of TRMM Precipitation Data With Ground Based Measurements For Selected Cities Of Pakistan~~

~~R.Jilani, P.Sidiqui, S.Munir And M.Haq~~

21

~~Classification Of Clouds With Object Oriented Technique~~

~~H.Azari, A.A.Matkan, A.Shakiba And H.Pourali~~

22

Monitoring Of Coastal Zone Activities Along The Southern Coastal Belt Of Sri Lanka

U.Samarasena, A.Wadigamangawa And Kelum Priyantha

23

~~Coastline mapping and evolution with respect to amplitude, coherence and phase information of ERS SAR tandem pair~~

~~Aung Lwin~~

24

An Analysis Of Haeundae Beach Coastal Topography Change And Sea Level Rise

Kim Ji-Yong, Choi Chul-Uong And Kim Young-Seup

25

~~Finite Element Model For Current Velocity Modeling From Advection Processes Using MODIS Data~~

~~Maged Marghany And Mazlan Hashim~~

POSTER SESSION

26

Depth Sounding With Satellite Imagery And Underwater Photos

Chung-Chen Liu, Cho-Teng Liu, Chin-Jung Chang, Hsiu-Jui Chen And Li-Guang Leu

27

Higher Resolution Reconstruction Of Hyperspectral Images

Sang-Hoon Lee

28

~~Evaluation of Different Hyperspectral Image Detection Methods~~

~~Davood Akbari, Mohammad Saadatseresht and Saied Homayouni~~

29

A Spatially Correlated Image Fusion Algorithm For Multispectral Remotely Sensed Imagery

Chen Shao-Ang And Hsuan Ren

30

~~Thales Alenia Space (France) High Resolution Remote Sensing System~~

~~D.Esterhazy, E.Pailharey and L.Frecon~~

31

Object Identification Using Multi-Resolution Satellite Sensor Images

Cengizhan Ipbuker And Sinasi Kaya

32

~~Stationary Wavelet Transform in Extracting the Object Features from Airborne Laser Scanner Data~~

~~Kivanc Babacan and Cankut Örmeci~~

33

~~Myanmar Intelligent Character Recognition (MICR) And Myanmar Voice Mixer (MVM) System~~

~~Zar Chi Aye, Ei Ei Phyu, Yadana Thein And Myint Myint Sein~~

34

Visualization Method Development Of Virtual Space Using Hybrid GIS Data Modeling Method

Sanghun Song And Myunghee Jo

35

Analysis Of Surface Circulation With Digital Camera

Zhe-Wen Zheng, Kun-Cheng Hsieh, Chung-Ru Ho, Chun-Yi Lin And Nan-Jung Kuo

POSTER SESSION

36

Observing Oil Spill And Tidal Current From High Ground With Digital Camera
Chih-Jung Chang, Cho-Teng Liu, Chung-Chen Liu And Hsiu-Jui Chen

37

Apply A Terrestrial Laser Scanner On The Measurement Of Structural
Deformation
K.T.Chang, Y.M.Chang, E.H.Wang and S.M.Peng

38

~~Massive Sulphide Deposits Exploration Using ASTER Image Analysis
A.Assiri, A.Alsaleh And H.Mousa~~

POSTER SESSION

DAY 3 :12 November 2008 (Wednesday)
TIME :13.30 – 14.30

Room :R 5
Session :PS – 2

1

Building Reconstruction By Combining 2-D Topographic Maps And Highly Overlapped Aerial Images

Tee-Ann Teo, Liang-Chien Chen, Hong-Kuei Cheng, Hsin-Ta Liu

2

Close Range Photogrammetric Model For Measuring The Size Of Objects

Jinsang Hwang, Hongsic Yun, Miran Lee, Jihun Kang

3

~~Thales Alenia Space (France) Ratcom Project - Network Of Alarm To The Tsunamis And Risks Coastal In The Mediterranean~~

~~David Esterhazy And Claire Anne Reix~~

4

~~A debris flow forecast model for typhoon event~~

~~Hung-Ping Wang, Yao-Min Fang, Tien-Yin Chou and Lung-Shih Yang~~

5

Change Analysis Of The Estuary Of Touchien River Using Multi-Temporal Images And DEM Data

Kuo-Hsin Hsiao, Jin-King Liu, Hsin-Yu Ho And Mon-Shieh Yang

6

Observing Biomass Change Of An Agro-Ecosystem From Ground And Space

H.M. Abdullah, M. Ishihara And T. Akiyama

7

Biodiversity Characterization At Landscape Level In A Part Of Hoshiarpur District In Punjab State Using Satellite Remote Sensing And GIS

E.M.A.S.K.Wimalathailke And Sarnam Singh

8

Forest Fire Risk Mapping By Using Satellite Imagery And GIS For Quang Ninh Province, Vietnam

Anh Tuan, Tran, Ngoc Dat Dinh, Danh Thanh Hai, Nguyen And Vivarad Phonekeo

POSTER SESSION

9

~~Monitoring Forest Dieback Severity And Plant Communities Diversity Using Multi-Temporal Satellite Data In The Horton Plain National Park, Sri Lanka~~
Sisira Ediriweera, Sumith Pathirana, B.M.P. Singhakumara And P. Wickramagamage

10

Estimation Of Carbon Release After Land-Use Change Using And Ecosystem Model And ALOS Data For The Forest Carbon Monitoring System
Akihiko Ito

11

The Application Of Vegetation And Water Indices For Spatio-Temporal Exploration Of The Physiological State Of Tropical Monsoon Forest As Related To Drought
Charat Mongkolsawat, Khaesaet Mongkolsawat And Nagon Watanakij

12

Comparison Of Minnaert Constants Based On Multi-Temporal SPOT/HRV Data For Three Forest Types
Takuhiko Murakami

13

Verification Of Seasonal Variation Pattern Of MODIS/NDVI According To Mixture Ratio Of Vegetation Types
Mitsunori Ishihara, Din Ara Wahid And Tsuyoshi Akiyama

14

Seasonal Patterns Of MODIS/NDVI At Different Altitude Zones In Takayama Forest
Tsuyoshi Akiyama, Mitsunori Ishihara And Din Ara Wahid

15

Advantage Of MODIS Time Series NDVI Data For Forest Situation Analysis In Case Of Cambodia
Naoki Mitsuzuka And Wataru Ohira

16

Developing Interpretation Methodology Of Detailed Forest Species Using Aerial Photo And GIS
Dong-Young Kim And Myung-Hee Jo

POSTER SESSION

17

~~Land Subsidence Monitoring and Analysis Using Multi-source Multi-temporal Digital Elevation Models~~

~~Pai-Hui Hsu~~

18

~~Disaster Mapping using High Resolution satellite Images~~

~~Shammie Jayatunga~~

19

~~Improving The Consistency Between Tiles In Tiles Based GIS - Case Study: Survey Department 10k Digital Topographical Database~~

~~D.T.N.Jayasumana~~

20

~~Satellite Monitoring The Pali Lake Disaster In Tibet China~~

~~Wang Zhihua, Xu Qide and Cheng Zunlan~~

21

~~Using Of VHR Satellite Data And Aerial Orthophoto For Archeological Prospection~~

~~Karel Pavelka And Jirina Svatuskova~~

22

~~Monitoring Landscape Responses to Regional Uplift using Digital Elevation Model A case Study Heart Fault System; Afghanistan (India-Eurasia Collision)~~

~~Syed Amer Mahmood, Faisal Shahzad and Richard Gloaguen~~

23

~~3D Lineament Reconstruction From Multispectral Remotely Sensed Data In United Arab Emirate (UAE)~~

~~Maged Marghany And Mazlan Hashim~~

24

~~Development Of An Adaptive Algorithm For Lineaments Automatic Detection From RADARSAT-1 SAR~~

~~Maged Marghany And Mazlan Hashim~~

25

~~Mapping Of Environmentally Sensitive Areas In North-Western Province Of Sri Lanka Using Geographic Information System~~

~~K.A.M.Perera~~

POSTER SESSION

26

A Study On Cadastral Maps Data Changes Processing And Display
Jin-Tsong Hwang and Huang-Chen Liu

27

Some Applications of GIS in Technology Infusion and Promotion of Farmers
Participation in Irrigation and Farm Management - Sri Lanka
H.M. Jayatillake and Kenji Yasuda

28

Application of GIS in Land Management and Local Governance
R. Jaganathan, G. Bhaskaran and N. Sivagnanam

29

Improvement In GIS-Based DRASTIC Model Using Statistical Methods And
Analytical Hierarchy Process (AHP)
Ali Akbar Matkan, Hamid Reza Nassery And Zohreh Ostadhashemi

30

Remote sensing applications within SIIRM
Jerome Courboules

31

Automated System For Digital Field Data Processing In Land Surveying
K.A.B.S. Rupasinghe

32

Flood Early Warning With Integration of Hydrologic and Hydraulic Models, RS
and GIS (Case study: Madarsoo basin, Iran)
H. Azari, A.A. Matkan, A. Shakiba And H. Pourali

33

On The Application Of Public Participation Geographic Information Systems To
Land Use Management
Chin-Ching Chang, Ya-Wen Lin, Yao-Cheng Kuo, Yu-Cheng Yeh And Chi-Farn
Chen

34

Assessing Coastal Vulnerability To Climate Change And Anthropogenic Factors
Around Darwin, Northern Territory Of Australia
Sumith Pathirana And Serwan Baban

POSTER SESSION

35

Development Of Precise Geoid Model For Jeju Island In Korea

Dongha Lee, Hongsic Yun, Taejun Jeong, Huang He And Taewoo Kim

36

Multispectral Image Classification Using Generalized Fully Constrained Least Squares Approach

Ren-Jie Yang And Hsuan Ren

37

Multi-Level And Multi-Scale Imaging Of Ocean Bottom For Better Image Classification

Hsiu-Jui Chen, Cho-Teng Liu, Chin-Jung Chang, Chung-Chen Liu And Li-Guang Leu

38

Capability Investigation Of ASTER Imagery For Mixed Hardwood Forest Types Classification

Fariba Ghanbari and Shaban Shataee

POSTER SESSION

DAY 4 :13 November 2008 (Thursday)
TIME :13.30 – 14.30

Room :R 5
Session :PS – 3

1

~~Determination of vertical displacements in Korea height system using GPS-levelling and tide gauge data~~

~~Jeong TaeJun, Yun HongSic, Lee DongHa and Huang He~~

2

~~Mathematical Base Of Spatial Data In Remotely Sensed Image Software And GIS Software~~

~~Di Wu, Hai Hu, Shao-Hua Tang And Hong-Gang Chen~~

3

~~Distribution Of Geothermal Manifestation In Parakan Salak, West Java~~
~~Adi Wibowo~~

4

~~Application GIS & Remote Sensing Data In Survey And Land Use Mapping In Phetchabun Province~~

~~Salila Jamittipon~~

5

~~Landcover Monitoring Using Satellite Imagery For Environmental Assessment~~
~~Fuan Tsai, En-Kai Lin, Tang-Huang Lin And Gin-Rong Liu~~

6

~~Land Cover Change Detection on Namhan River in South Korea Using Landsat Data, 1980-2000~~

~~Cho JaeMyoung, Yun HongSic and Lee MiRan~~

7

~~Landuse Classification Using Aerial Photographs And LIDAR Data~~
~~Hsin-Yu Ho, Kuo-Hsin Hsiao, Mon-Shieh Yang And Jin-King Liu~~

8

~~Mapping The Spatial Distribution Of Leucaena Leucocephala Using Multi-Temporal Spot Data~~

~~Ming-Lun Lu, Shou-Tsung Wu And Yuh-Lurng Chung~~

POSTER SESSION

9

~~Remote Sensing Application To Study The Aquaculture Dynamics In Kolleru Lake, India~~

~~Chiranjibi Pattanaik, Nidhi Nagabhatla, S.Seneratna Sellamuttu, S.N.Prasad And C.M.Finlayson~~

10

Point Cloud Classification Of Optech ILRIS3D

Chi-Kuei Wang And Yao-Yu Lu

11

Efficient Digital True Orthophoto Generation

H.A.Nalani

12

Exploitation Of LIDAR Point Clouds For Building Roof Reconstruction

Jen-Jer Jaw and Chieh-Chung Cheng

13

Accuracy Assessment Of Planimetric Position Using LIDAR Wall Reflected

Hee-Sook Woo, Byung-Guk Kim And Jong-Seong Yoon

14

Investigating Tree Crown Parameter With A Airborne LIDAR

Sung-Hoo Hong, Seung-Ho Lee, Hyun-Kook Cho And Choen Kim

15

~~Multi-Wavelength LIDAR For Remote Sensing Applications~~

~~Shalei Song, Pingxiang Li, Wei Gong And Liangpei Zhang~~

16

Mapping Deforestation In Riau, Indonesia By Using 50m ALOS PALSAR

Mosaic

Preesan Rakwatin, Osamu Isogushi, Masanobu Shimada And Yumiko Uryu

17

~~Application Of GIS For Japanese Encephalitis Risk Zone Mapping Basedon~~

~~Socio-Cultural And Environmental Factors -A Case Study Of Kailali, Badriya~~

~~And Banke Districts Of Nepal~~

~~Krishna Prasad Bhandari, P.L.N.Raju, B.S.Sokhi And Keshav Banstola~~

POSTER SESSION

18

~~Preliminary analysis of Unification Vertical datum in East-Asia Region
Huang He, Yun HongSic, Lee DongHa and Jeong TaeJun and Jang EunSeok~~

19

~~Using Spectral And Spatial Information Coupled With Mathematical Morphology
For Oil Spill Detection In Multispectral Imagery
Ling-Ling Tsao, Hong-Ming Kao And Hsuan Ren~~

20

~~1/10,000 scale mapping process over Sri Lanka using Quickbird images – SIIRM
project
Michael Tonon~~

21

~~A Preliminary Change Detection Of Land-Cover In Busan, Korea: For
Suggestion To Make Connected Analysis Technique Of Unification Of Multi-
Spatial Resolution
Tae-Woo Kim, Ji-Yong Kim, Choi-Hee Hwang, Yong-Cheol Suh, Chul-Uong Choi,
Young-Seup Kim~~

22

~~A Study Of The World's First Man - Made River Links, River Diversion And Micro
Watershed Of Udaipur Basin, Rajasthan, India
Narpat Singh Rathore~~

23

~~Evaluation Linear Spectral Unmixing And NDSI Methods For Snow Cover
Studying
Sepideh Dadashi, Ali-Akbar Matkan, Parviz Ziaian And Davood Ashorlo~~

24

~~Mapping Of Kart Water Resource And Cave Potentials By Integration Of Thermal
Infrared Image And Terrain Factors In Azarshahr Area, Iran
Nader Jalali And Museyyib Museyyibov~~

25

~~Groundwater Exploration in Jubeji Conglomerate Aquifer using Remote Sensing,
GIS, and Fuzzy Logic Method- South West Iran
Z.Ostadhashemi, L.Mirzaei, F.Alijani and R.Alijani~~

POSTER SESSION

26

~~The Heat Island Pattern Observed by MODIS and Air-Borned IR Sensor~~

~~Liu Gin-Rong and Chih-Ping Huang~~

27

~~Study of urban growth of Kathmandu valley using remotely sensed data (1964-2008)~~

~~Kamal Ghimire and Raja Ram Chhatkuli~~

28

~~Estimation of Urban vegetation fraction by Linear Spectral Mixture Analysis(Case study: Bam, Iran)~~

~~M.Azadbakht, A.A.Matkan, A.Alimohammadi and D.Ashourloo~~

29

~~Analysis of the crime occurrence to a house type~~

~~Cho-Hee Hwang, Tea-Woo Kim and Yong-Cheol Suh~~

30

~~E-learning Of High School's Geographic Education Based On Google Earth~~

~~Jeng-Wei Lai, Tsu-Chiang Lei, Hui-Chung Yeh, Mei-Ling Yeh and Tien-Yin Chou~~

31

~~Remote Sensing as a Tool to Study the Epidemic~~

~~Kamal M. Sheikho~~

32

~~Multi-temporal Compositing Method Using Minimum Distance in Spectral Space~~

~~Sungjin Kang and Kyusung Lee~~

33

~~Study on land cover change detection in Vastegan basin of Charmahal-va-Bakhtiari during last decades using aerial photo~~

~~Ataollah Ebrahimi and Gelavij Zamani Dadaneh~~

34

~~A Land Inventory Project 'one Map for one China'~~

~~Yang Jihong~~

35

~~Remote Sensing of crop residue burning in Punjab (India): A study on burnt area estimation using multi-sensor approach~~

~~Gurdeep Singh and Yogesh Kant~~

POSTER SESSION

36

~~Neural Network based Fish and Prawn Classification Using Prewitt Edge Operator~~

~~Hnin Lelt Win and Marlar Kyaw~~

37

~~Conceptual Hydrological Model for Sutlej River basin in Nangal thesil at Rupnagar district of Punjab, India by GIS using Remote Sensing and Ancillary data~~

~~Sudhir Kumar Singh and Saumitra Mukherjee~~

38

~~Mapping of Groundwater Vulnerability Using DRASTIC, Fuzzy Logic and Groundwater Models in GIS - Izeh Aquifer, South West of Iran~~

~~L. Mirzaei, F. Alijani, H. Nassery and B. Biglari~~

39

~~Extraction of Mangrove Forests in Sri Lanka Using Satellite Images~~

~~Chandana Dinesh and Masayuki Tamura~~

STUDENTS SESSION

DAY 2 :11 November 2008 (Tuesday)
TIME :08.30 – 12.30 (inclusive of coffee break)

Room :R 6
Session-1 :WS – 1, How to promote student activities within ACRS
Chairperson :Dr. Lal Samarakoon

1. Importance of tutorials at ACRS
2. Studying Remote Sensing and Geo-information Science abroad:
Opportunities and Challenges
3. Promotion of Students within ISPRS
4. ISPRS Student Consortium

Session-2 : WS – 2, Students' Activities
Chairperson : Prof. Kohei Cho

1. Student activity in each country
2. Discussion

WHITE ELEPHANT SESSION

DAY 2 :11 November 2008 (Tuesday)
TIME :14.45 – 16.45

Room :R 6
Session :WS - 3
Chairperson :Prof. Shunji Murai

1.
Thesis Writing
Prof. Armin Gruen
2.
Project Proposal Writing
Prof. Ian Dowman
3.
Presentation Techniques
Prof. Shunji Murai
4.
Economic Aspects of Photogrammetry and Remote Sensing
Prof. Gottfried Konecny

WORKSHOP SESSIONS

DAY 3 :12 November 2008 (Wednesday)

1. AIT Workshop (Only for selected participants)

Room :R 6
Session :WS-4, Web Mapping
TIME :08.30 – 14.30 (inclusive of lunch and coffee break)

2. ERDAS Workshop (Open for everyone)

Room :R 6
Session :WS-5, ERDAS Workshop
TIME :14.45 – 16.30

DAY 4 :13 November 2008 (Thursday)

3. ITC Workshop (Only for selected participants)

Room :R 6
Session :WS-6, ITC Workshop
TIME :08.30 – 16.30 (inclusive of lunch and coffee break)

PLENARY SESSION - 2

Day 5 :14th November 2008 (Friday)

Time :08.30 – 10.30

Room :Main Conference Hall

Chairperson :*Dr. Sumith Pathirana*

08.30 **Proposal of the Learning Environment Sharing System On the Net (LESSON)**

Prof. Kohei cho

*Department of Network and Computer Engineering
Tokai University, Japan*

09.00 **Geoinformatics for Disaster Risk Reduction and Recovery**

Dr. Lal Samarakoon

*Director
Geoinformatics Center, AIT, Thailand*

09.30 **Wenchuan Earthquake Disaster Monitoring and Assessment by Remote Sensing**

Dr. Wang Wei

10.00 **JICA Sponsored Distance Education on Remote Sensing and GIS for Developing Countries**

*Emeritus Prof. Shunji Murai
Secretary General, AARS*

Presentations at ACRS 2008

Country/ Region	Abstracts Received		Withdrawals		Scheduled		Actually presented		Percentage	
	Oral	Poster	Oral	Poster	Oral**	Poster	Oral	Poster	Oral	Poster
Australia	4	1	1	0	3	1	3	1	100.0	100.0
Bangladesh	4	0	0	0	4	0	1	0	25.0	-
Bulgaria	1	0	0	0	1	0	0	0	0.0	-
China	14	9	1	1	13	8	11	4	84.6	50.0
China Taipei	38	27	9	3	29	24	26	18	89.7	75.0
Czech Republic	2	2	0	0	2	2	0	2	0.0	100.0
Egypt	2	0	2	0	0	0	0	0	-	-
France	4	4	0	0	3	4	2	2	66.7	50.0
Germany	2	2	1	0	1	2	1	0	100.0	0.0
Hong Kong	4	0	0	0	1	0	1	0	100.0	-
India	47	6	15	0	25	6	13	2	52.0	33.3
Indonesia	1	1	0	0	1	1	1	0	100.0	0.0
Iran	21	11	1	0	13	11	4	1	30.8	9.1
Italy	1	0	0	0	0	0	0	0	-	-
Japan	43	12	2	0	37	12	35	12	94.6	100.0
Korea	9	17	1	3	7	14	4	5	57.1	35.7
Kuwait	1	0	0	0	1	0	1	0	100.0	-
Malaysia	14	3	1	0	10	3	2	0	20.0	0.0
Mongolia	5	0	0	0	4	0	2	0	50.0	-
Myanmar	31	3	3	0	17	3	14	0	82.4	0.0
Nepal	4	2	1	0	2	2	2	1	100.0	50.0
Netherlands	4	0	0	0	4	0	2	0	50.0	-
Nigeria	2	0	0	0	1	0	0	0	0.0	-
Oman	1	0	0	0	1	0	1	0	100.0	-
Pakistan	2	1	0	0	1	1	1	0	100.0	0.0
Papua New Guinea	1	0	0	0	1	0	1	0	100.0	-
Russia	2	0	1	0	1	0	1	0	100.0	-
Saudi Arabia	0	2	0	0	0	2	0	0	-	0.0
Singapore	4	1	1	0	3	1	3	1	100.0	100.0
South Africa	1	0	0	0	1	0	0	0	0.0	-
Sri Lanka	46	12	0	0	38	12	36	8	94.7	66.7
Sudan	1	0	0	0	0	0	0	0	-	-
Switzerland	5	0	0	0	5	0	5	0	100.0	-
Thailand	18	3	2	0	14	3	14	3	100.0	100.0
Turkey	2	2	0	0	2	2	2	1	100.0	50.0
United Kingdom	2	1	0	0	2	1	1	0	50.0	0.0
Vietnam	1	0	0	0	1	0	1	0	100.0	-
Total	344	122	42	7	249	115	191	61	76.7	53.0

**Full papers received for oral presentations: 249

ACRS 2008 - Number of participants from each country / Region

Country/ Region	Number of participants
China Taipei	59
Japan	51
China	34
Thailand	22
India	16
Myanmar	14
Korea	13
France	7
Netherlands	7
Nepal	6
Australia	5
United Kingdom	5
Singapore	4
Switzerland	4
Turkey	4
Iran	3
Malaysia	3
Germany	2
Hong Kong	2
Mongolia	2
Russia	2
Vietnam	2
Bangladesh	1
Czech Republic	1
Indonesia	1
Kuwait	1
Oman	1
Pakistan	1
Papua New Guinea	1
Sri Lanka	220
Total	494