



IPWE 2011

January 4-6, 2011

National University of Singapore, Singapore



TECHNICAL PROGRAM ADDENDUM

Tuesday, January 4, 2011

Papers Rescheduled

4a) Ecological Modeling

A Multiobjective Water Quality Model for River-Lake System

Mr Rupas Kumar M, Dr Subhankar Karmakar

From: January 4th, 4a) Ecological Modeling, 1050 - 1110

To: 1450 - 1510, Room: EA-02-15

Paper Cancellations

5b) Flood, Drought and Pollution Early Warning Systems

Recent Advances in Early Warning Systems - A Conceptual Framework for Jamuneshwari River Basin, Bangladesh

Prof N.K. Goel, Mr Md. Mizanur Rahman, Dr D.S. Arya,

1530 -1550, Engineering Auditorium



IPWE 2011

January 4-6, 2011

National University of Singapore, Singapore



TECHNICAL PROGRAM ADDENDUM

Wednesday, January 5, 2011

Changed from Oral Presentation to Poster Presentation

1d) Water Management for Food Security

Rain Water Harvesting: Its Necessity in Limpopo Province in South Africa and the Proposed Methods Used

Mr Pramod Sinha; Dr Francois Ilunga

0930 - 0950, Room: Engineering Auditorium

Paper Additions

1e) Sustainable Urban and Rural Water Development

Buried Infrastructure: Uncovering Issues to Achieve Sustainable Water and Wastewater Systems

Cy Ho, Mr Richard Nelson, Mr Timothy Coleman, Mr Chris Peluso

1210 - 1230, Room: Engineering Auditorium

1g) Development of Integrated Water Management Plans

Development of an Algorithm for Designing Optimal Monitoring Network for the purpose of Surface Water Quality Management

Mrs Parisa Zojaji, Ms Nadia Roostaei, Dr Massoud Tajrishy, Mrs Mitra Tofigh, Dr Amin Sarang

1130 - 1150, Room: Lecture Theatre 7A

1e) Sustainable Urban and Rural Water Development

Application of Solar Water Disinfection to Enhance Water Supply and Sanitation in Rural and Peri Urban Communities in Uganda

Mr Kenan Okurut, Dr Eleanor Wozei, Mrs Robinah Bulabako, Dr Rose Kaggwa, Mr Joel Kinobe, Dr Charles Niwagaba

1550 - 1610, Room: Engineering Auditorium

6b) Applications of Numerical and Physical Models

Breakwater Arms Optimization against Wave Diffraction and Sensitive Analysis on Effective Parameters

Mahyar Poursak; Hamidreza Rabiefar

0930 - 0950, Room: EA-02-11

6c) Soft Computing and Data-driven Modeling

Effects of Elevation and Soft Information in Spatial Modeling of Precipitation Variations in a Large Watershed: BME versus Ordinary Kriging

Bardia Bayat, Banafsheh Zahraie, Farahnaz Taghavi, Mohsen Nasseri

1630 - 1650, Room: EA-02-11

1d) Water Management for Food Security

Evaporation study of Creeper Covered On-Farm Reservoir Using Bowen Ratio Energy Budget

Mr Pravin Patil, Prof Sudhindra Nath Panda, Dr Bharat Chandra Sahoo

0950 - 1010, Room: Engineering Auditorium



IPWE 2011

January 4-6, 2011

National University of Singapore, Singapore



TECHNICAL PROGRAM ADDENDUM

Papers Rescheduled

4c) Solid Waste Management

Managing Urban Waste Allocation under Multiple Uncertainties

Mr Ye Xu, Dr Xiaosheng Qin

From: January 4th, 4c) Solid Waste Management, 0950 - 1010

To: 0910 - 0930, Room: EA-02-15



IPWE 2011

January 4-6, 2011

National University of Singapore, Singapore



TECHNICAL PROGRAM ADDENDUM

Thursday, January 6, 2011

Paper Additions

5b) Flood, Drought and Pollution Early Warning Systems

Estimation of Design Flood using Hydrological Modeling and Synthetic UH Based Approaches in the Mahanadi River Basin of Eastern India

Mr Siddhartha Biswas, Dr Chandranath Chatterjee

1230 - 1250, Room: EA-02-11

1h) Water Quality Modeling and Best Management Practices

Quality of Water in Water Supply - A Case Study Amravati City

Dr Narendra Shinkar

1210 - 1230, Room: Lecture Theatre 7A

1f) 3a) Effects of Climate Change on Environmental and Water Resources

Factors Affecting the Quality of Roof-Harvested Rainwater

Dr V Meera, Dr M Mansoor Ahammed

1330 - 1350, Room: EA-02-15

3a) Effects of Climate Change on Environmental and Water Resources

Developing a Support Vector Machine Model for Rainfall Prediction: A Case Study

Dr Azadeh Ahmadi, Dr Ali Moridi, Mr Ghasem Kianpisheh

1350 - 1410, Room: EA-02-15

3a) Effects of Climate Change on Environmental and Water Resources

Rainfall Long Term Forecasting by Integrated Artificial Neural Networks-fuzzy Logic-wavelet Models (IANFW) in Karoon Basin

Dr Sara Afshin, Dr Hedayat Fahmi, Prof Amin Alizadeh

1410-1430, Room: EA-02-15

1f) Irrigation Management and Land Reclamation

Simulating Water Flow and Salt Leaching under Sequential Flooding between Subsurface Drains

M.S. Mirjat, M. Tuller,

1530 - 1550, Room: Engineering Auditorium

1f) Irrigation Management and Land Reclamation

Real-time Infiltration Evaluation Strategy for Automation of Border Irrigation

N.S. Raghuwanshi, Rajat Saha, Damodhara R. Mailapalli, S.K. Upadhyaya

1550 - 1610, Room: Engineering Auditorium



IPWE 2011

January 4-6, 2011

National University of Singapore, Singapore



TECHNICAL PROGRAM ADDENDUM

Papers Rescheduled

1i) Saltwater Intrusion in Coastal Aquifers

Optimal Management of Coastal Aquifers using Ensemble-based Genetic Programming Surrogate Models and Multi-objective

Mr. Janardhanan Sreekanth; Dr. Bithin Datta

From: January 6th, 1i) Saltwater Intrusion in Coastal Aquifers, 1130 – 1150

To: January 6th, 1k) Management of Contaminated Aquifers, 1610 – 1630, Room: Lecture Theatre 7A

1j) Artificial Recharge of Aquifers

Turning Commons into Commodities: Socio Economic Cost of Privatization of Groundwater Aquifers in North-Western India

Ms Anindita Sarkar

From: January 4th, 2a) Privatization and Pricing in the Water Sector, 1030 – 1050

To: 1410 – 1430, Room: Lecture Theatre 7A

1e) Sustainable Urban and Rural Water Development

Drainage of Pondered Surface by a Trapezoidal shaped Ditch Drain

G.P. Vadodaria, Janki Thakkar

From: January 6th, 1f) Irrigation Management and Land Reclamation, 1430 - 1450

To: 1210 – 1230, Room: Engineering Auditorium

Paper Cancellations

5b) Flood, Drought and Pollution Early Warning Systems

Recent Advances in Early Warning Systems - A Conceptual Framework for Jamuneshwari River Basin, Bangladesh

Prof N.K. Goel, Mr Md. Mizanur Rahman, Dr D.S. Arya,

1530 -1550



IPWE 2011

January 4-6, 2011

National University of Singapore, Singapore



TECHNICAL PROGRAM ADDENDUM

Changes to Session Chairs

JANUARY 4, 2011

Final Program Page#: 8
Session(s): 2a) Privatization and Pricing in the Water Sector
2b) Interbasin Transfer of Water

New Session Chair: Chua Soon Guan (replaces Samuel William)
Time: 1030 - 1210

Final Program Page#: 10
Session(s): 2b) Interbasin Transfer of Water
2c) Conflict Resolution in Interstate and International Water Disputes

New Session Chair: Harry Seah (replaces Chua Soon Guan)
Time: 1330 - 1510

Final Program Page#: 10
Session(s): 6b) Applications of Numerical and Physical Models

New Session Chair: Avdesh Tyagi (replaces Lois Motz)
Time: 1330-1510



IPWE 2011

January 4-6, 2011

National University of Singapore, Singapore



TECHNICAL PROGRAM ADDENDUM

JANUARY 5, 2011

Final Program Page#: 14
Session(s): 1d) Water Management for Food Security
1e) Sustainable Urban and Rural Water Development

New Session Chair: Samuel Williams (replaces Harry Seah)
Time: 1030-1230

Final Program Page#: 15
Session(s): 4c) Solid Waste Management
4d) Addressing Widespread Arsenic Contamination in Aquifers

New Session Chair: S.K. Ooi (replaces Chua Yew Peng)
Time: 1030- 1210

Final Program Page#: 16
Session(s): 1e) Sustainable Urban and Rural Water Development

New Session Chair: Mahdi Zarghami (replaces Indumathi Nambi)
Time: 1530-1730



IPWE 2011

January 4-6, 2011

National University of Singapore, Singapore



TECHNICAL PROGRAM ADDENDUM

JANUARY 6, 2011

Final Program Page#: 21
Session(s): 3a) Effects of Climate Change on Environmental and Water Resources

New Session Chair: Avinash Patwardhan (replaces K.P. Sudheer)
Time: 1330-1530

Final Program Page#: 21
Session(s): 1e) Sustainable Urban and Rural Water Development

New Session Chair: Abhijit Badwe (replaces Paul Reiter)
Time: 1030-1230 **Room:** Engineering Auditorium

Final Program Page#: 21
Session(s): 1i) Saltwater Intrusion in Coastal Aquifers
 1j) Artificial Recharge of Aquifers

New Session Chair: Rabindra Panda (replaces Bijay Panigrahi)
Time: 1330-1530 **Room:** Lecture Theatre 7A

Final Program Page#: 22
Session(s): 1k) Management of Contaminated Aquifers
 1h) Water Quality Modeling and Best Management Practices

New Session Chair: Sudhindra Nath Panda (Jagath Kaluarachi)
Time: 1530-1730 **Room:** Lecture Theatre 7A
