

SYMPOSIUM SESSION PLAN AT-A-GLANCE

Friday, 12 June 2015							Saturday, 13 June 2015											
Construction EXPO							Registration											
							Session 2A	S8045		Session 2B	S8021		Session 2C	S8015				
								S8037			S8026			S8050				
								S8057			T8005			S8062				
								S8068			S8046			S8049				
							Q&A			Q&A			Q&A					
							Tea / Coffee Break											
							Session 3A	S8028		Session 3B	S8002		Session 3C	S8029				
								S8070			S8008			T8003				
								T8002			T8001			T8004				
								S8019			S8022			S8066				
							Q&A			Q&A			Q&A					
							Lunch											
							Symposium Inauguration							Session 4B	S8030		Session 4B	S8036
S8032		S8039		S8043														
S8067		S8061		S8053														
S8020		S8051		S8017														
Q&A			Q&A			Q&A												
Tea / Coffee Break																		
Panel Discussion																		
Session 1A	S8069		Session 1B	S8059		Session 1C	S8042		Symposium Sum-Up									
	S8024			S8035			S8052											
	S8060			S8054			S8063											
	S8055			S8056			S8064											
	S8058			S8025			S8041											
		S8027																
Q&A			Q&A			Q&A												
Cultural Dinner																		

DETAILED SESSION PLAN

Friday, 12 June 2015

Session 1A

Theme Sustainable Materials and Technology

Session Chair Prof. Lalith de Silva

Venue/Time Salon Orchid – 04.30 pm – 06.15 pm

Time **Paper ID, Title and Author(s)**

04.30 – 04.45 pm **S8069 - Supervision of Fabrication of Precast Steel Fibre Reinforced Concrete (SFRC) Segmental Lining**
George Varghees

04.45 – 05.00 pm **S8024 - Use of Locally Available Material to Develop a Treatment Technique to Reduce the Water Absorption Capacity of Recycled Aggregates**
W.K.A. Madawa, R.M.S.I.B. Rathnayake, D.B. Wijethunga, T.C. Gamage and S. Karunarathne

05.00 – 05.15 pm **S8060 - How to Design Durable Concrete Mix for Sustainability?**
Lu Jin Ping

05.15 – 05.30 pm **S8055 - A Study on Applicability of Bamboo Fibre Reinforced Mycelium Bonded Sawdust Material for Partition Wall**
O.D.P.C. Vithanage, S.R. Chandrathilake and R.U. Halwathura

05.30 – 05.45 pm **S8058 - Building Demolition Waste Management Practices – An Indian Case Study**
V. G. Ram and Satyanarayana Kalidindi

05.45 – 06.15 pm **Q&A**

Session Coordinator : Nilmini Weerasinghe

Friday, 12 June 2015

Session 1B

Theme Sustainable Built Environments and Green Buildings

Session Chair Prof. P.K.S. Mahanama

Venue/Time Salon Jasmine – 04.00 pm – 06.30 pm

Time Paper ID, Title and Author(s)

04.30 – 04.45 pm	S8059 - Indoor Environmental Quality and Occupants' Productivity: Green Certified Office Buildings in Sri Lanka <i>Harshini Mallawaarachchi, Lalith de Silva and R. Rameezdeen</i>
04.45 – 05.00 pm	S8035 - A Framework for the Evaluation of Indoor Environmental Quality (IEQ) Performance in Apparel Industry Buildings in Sri Lanka <i>M.G.D.T. Vijerathne and L.D. Indunil P. Seneviratne</i>
05.00 – 05.15 pm	S8054 - Sustaining the Future with Legacy: A Case Study on the UK Government Carbon Emission Targets 2025 and London Olympics 2012 <i>G.A.G.R. Godawatte</i>
05.15 – 05.30 pm	S8056 - Comparative Study of Water Efficiency in Green and Non – Green Buildings in Apparel Industry in Sri Lanka <i>Sudeepa N. Silva, K.G.A.S Waidyasekara and D.M.P.P. Dissanayake</i>
05.30 – 05.45 pm	S8025 - Water Efficiency Techniques and Strategies for Sustainable Use of Water during Construction Phase of Building Projects <i>K.G.A.S. Waidyasekara, Lalith de Silva and R. Rameezdeen</i>
05.45 – 06.00 pm	S8027 - Identifying the Success Factors and Failure Factors of Green Building Projects <i>Vignesh Venkataraman and Jack C.P. Cheng</i>
06.00 – 06.30 pm	Q&A

Session Coordinator : Kaushalya Weththasinghe

Friday, 12 June 2015

Session 1C

Theme Human Resources in Construction

Session Chair Dr. Anupa Manewa

Venue/Time VIP Lounge – 04.30 pm – 06.15 pm

Time Paper ID, Title and Author(s)

04.30 – 04.45 pm **S8042 - Framework to Improve Labour Productivity for Indian Building Projects**

Rahul Sahay, Ritesh Kumar Agarwal and Koshy Varghese

04.45 – 05.00 pm **S8052 - Team Working in Road Maintenance Functions for Sustainable Construction in Sri Lanka**

H.G.N. Premakanthi and Sepani Senaratne

05.00 – 05.15 pm **S8063 - An Investigation into Skilled Labour Requirement in Sri Lankan Building Construction Industry**

Nishadi Anuruddika and Y.G. Sandanayake

05.15 – 05.30 pm **S8064 - Strengthening the Safety Culture in Raw Rubber Processing Stage through Human Capacity Building: A Conceptual Framework**

D.M.P.P. Dissanayake and Nirodha Gayani Fernando

05.30 – 05.45 pm **S8041 - Training and Development Framework to Improve Employee Job Performance in Public Sector Banks in Sri Lanka**

M.L. Thilini Saubhagya Chandrasiri and Nirodha Gayani Fernando

05.45 – 06.15 pm **Q&A**

Session Coordinator : Mathusha Francis

Saturday, 13 June 2015

Session 2A

Theme **Construction Cost Management**
Session Chair Prof. K.N. Satyanarayana
Venue/Time Salon Orchid – 09.00 am – 10.30 am

Time	Paper ID, Title and Author(s)
09.00 – 09.15 am	S8045 - Comprehensive Study about Sri Lankan Contractors' Estimation Practice <i>P.Ganeshu, P.A.P.V.D.S.Disaratna and M. Francis</i>
09.15 – 09.30 am	S8037- Labour Productivity Norms for Aluminium System Formwork in Low-Cost Housing Construction Projects in Sri Lanka <i>S.J.A.R.S. Jayasinghe and Nirodha Gayani Fernando</i>
09.30 – 09.45 am	S8057 - Value Engineering Practices and its Impact to Construction Industry <i>R.G. Kosala and Gayani Karunasena</i>
09.45 – 10.00 am	S8068 - Payment Evaluation Method for Controlling Environmental Defilement in Road Construction Projects in Sri Lanka <i>W.M.P.C. Walimuni, Lalith de Silva and Aparna Samaraweera</i>
10.00 – 10.30 am	Q&A

Session Coordinator : Chandanie Hadiwattege

Saturday, 13 June 2015

Session 2B

Theme **Urban Planning and Development**

Session Chair Dr. Gamini Weerasinghe

Venue/Time Salon Jasmine – 09.00 am – 10.30 am

Time **Paper ID, Title and Author(s)**

09.00 – 09.15 am	S8021 - A System for Implementing Resettlement Housing Projects in the Northern Province of Sri Lanka <i>Ahalya Luxman and B.A.K.S. Perera</i>
09.15 – 09.30 am	S8026 - A Review of the Benefits and the Hindrances to the Sustainable Conservation of Heritage Buildings in Malaysia <i>Dodo Mansir and Narimah Kasim</i>
09.30 – 09.45 am	T8005 - Is 'Human Rights' the End or the Means of Sustainable Urbanization? <i>Buddini Chatumaduri Dharmawardhana, Mahesh Devinda Abeynayake and Nazeer Fathima Sabrina Aashik</i>
09.45 – 10.00 am	S8046 - Vacant Buildings in Infrastructure Projects: Strategies for Reuse <i>Vaishali Anagal, Dharati Sote and Shamishtha Ruikar</i>
10.00 – 10.30 am	Q&A

Session Coordinator : Harshani Mallawaarachchi

Saturday, 13 June 2015

Session 2C

Theme **Building Information Modelling**
Session Chair Ch.QS. Indunil Seneviratna
Venue/Time VIP Lounge – 09.00 am – 10.30 am

Time	Paper ID, Title and Author(s)
09.00 – 09.15 am	S8015 - Re-examining Contractor's BIM Strategies: A Case Study <i>Hongdi WANG, Leo Ke CHEN and Weisheng LU</i>
09.15 – 09.30 am	S8050 - BIM as an Effective Information Management Tool for Achieving Key Performance Indicators in Construction Projects <i>K.A.D.N.C. Wijekoon, Anupa Manewa, Andrew Ross and Dianne Marsh</i>
09.30 – 09.45 am	S8062 - The Legal Framework for Design Liability in Building Information Modelling <i>Thilina Laksiri Dissanayake, Himal Suranga Jayasena and Mahesh Abeynayake</i>
09.45 – 10.00 am	S8049 - Partnering to Bridge the Gap Between Conventional and BIM Based Project Procurement <i>K.A.R.V.D. Kahandawa and Himal Suranga Jayasena</i>
10.00 – 10.30 am	Q&A

Session Coordinator : Kaushalya Weththasinghe

Saturday, 13 June 2015

Session 3A

Theme **Project Management**
Session Chair Dr. Nayanthara De Silva
Venue/Time Salon Orchid – 10.45 am – 12.15 pm

Time	Paper ID, Title and Author(s)
10.45 – 11.00 am	S8028 - Assessing the Impact of Experienced Project Team Members in Green Building Projects <i>Vignesh Venkataraman and Jack C.P. Cheng</i>
11.00 – 11.15 am	S8070 - A Study on the Impacts of Schedule Compression Techniques on Construction Projects in Sri Lanka <i>Jallini Theivendran and Sachie Gunatilake</i>
11.15 – 11.30 am	T8002 - Dimensions of Sustainable Construction: The Perspectives of Construction Stakeholders <i>Cheng Siew Goh and Steve Rowlinson</i>
11.30 – 11.45 am	S8019 - A Guide for Performance Evaluation Process for Internationally Funded Community Development Projects in Sri Lanka <i>Ruwani Perera and Gayani Karunasena</i>
11.45 – 12.15 pm	Q&A

Session Coordinator : Nishadi Anuruddika

Saturday, 13 June 2015

Session 3B

Theme **Construction Procurement**
Session Chair Prof. Mohan Kumaraswamy
Venue/Time Salon Jasmine – 10.45 am – 12.30 pm

Time	Paper ID, Title and Author(s)
10.45 – 11.00 am	S8002 - Conceptual Framework for Sustainable Public Procurement Process in Construction Industry <i>K.A.P. Gunawardhane and Gayani Karunasena</i>
11.00 – 11.15 am	S8008 - Strategies to Enhance Sustainability of Public Private Partnership Procurement Process for Infrastructure Development <i>Nilesh Agarchand Patil and Boeing Laishram</i>
11.15 – 11.30 am	T8001 - Study on Limitations in Material Procurement Practice for Construction in Public Sector <i>Vajira Edirisinghe and Kavitha Kajendran</i>
11.30 – 11.45 am	S8022 - Suitability of Government Bid Evaluation Procedure for Building Projects in Sri Lanka <i>D.M.G.A.N.M. Sumanarathna and B.A.K.S. Perera</i>
11.45 – 12.00 am	S8065 - Effect of Accuracy and Timeliness of Information on Performance of Contractors <i>Jeyapalan Suventhiny and Himal Suranga Jayasena</i>
12.00 – 12.30 pm	Q&A

Session Coordinator : Dimuthu Vijerathne

Saturday, 13 June 2015

Session 3C

Theme Law in Construction Industry
Session Chair Prof. Asanga Gunawansa
Venue/Time VIP Lounge – 10.45 am – 12.15 pm

Time	Paper ID, Title and Author(s)
10.45 – 11.00 am	S8029 - Mitigating Claims through Conflict Avoidance in Construction Industry <i>H.D. Sendanayake, P.A.P.V.D.S. Disaratna and M. Francis</i>
11.00 – 11.15 am	T8003 - Dispute Adjudication Board as an ADR Method in the Construction Industry of Sri Lanka <i>Mahesh Abeynayake</i>
11.15 – 11.30 am	T8004 - Comparative Analysis of Adjudication and Arbitration Methods in Sri Lankan Construction <i>Mahesh Abeynayake and Buddini Chatumaduri Dharmawardhana</i>
11.30 – 11.45 am	S8066 - Feasibility of the Delay and Disruption Protocol for Claims Management in Sri Lankan Construction Industry <i>R.A.N.M. Pathirana and L.D. Indunil P. Seneviratne</i>
11.45 – 12.15 pm	Q&A

Session Coordinator : Harshani Mallawaarachchi

Saturday, 13 June 2015

Session 4A

Theme **Cost Controlling and Variation Management**

Session Chair Dr. Andrew Ross

Venue/Time Salon Orchid – 01.30 pm – 03.00 pm

Time **Paper ID, Title and Author(s)**

01.30 – 01.45 pm **S8030 - Applicability of ICTAD Price Fluctuation Formula for Government Funded Intelligent Building Projects**

S.C. Jayaweera, B.A.K.S. Perera and S.J.A.R.S. Jayasinghe

01.45 – 02.00 pm **S8032- Minimising Variations in Lump Sum Contracts**

N.H.A. Sampath, P.A.P.V.D.S. Disaratna and M. Francis

02.00 – 02.15 pm **S8067- Issues in Submission and Certification of Variations**

Thuritha M. Karunathilake, L.D. Indunil P. Seneviratne and Kaushalya Weththasinghe

02.15 – 02.30 pm **S8020 - Suitability of Criteria for Selecting a Delay Analysis Technique Suitable to Analyse Delays in Road Construction Projects in Sri Lanka**

E.M.K. Ekanayake and B.A.K.S. Perera

02.30 – 03.00 pm **Q&A**

Session Coordinator : Piumi Dissanayake

Saturday, 13 June 2015

Session 4B

Theme **Facilities Management**
Session Chair Ch. QS. Suranga Jayasena
Venue/Time Salon Jasmine – 01.30 pm – 03.00 pm

Time	Paper ID, Title and Author(s)
01.30 – 01.45 pm	S8036 - Framework for Ensuring Effectiveness of Maintenance in Building Services <i>D.P.S.D. Jayasinghe, P.A.P.V.D.S. Disaratna and R.P.N.P. Weerasinghe</i>
01.45 – 02.00 pm	S8039 - Role of Technology in Providing Better Basic Facilities for Condominium properties <i>M.D.O.M. Jayarathne and H. Chandanie</i>
02.00 – 02.15 pm	S8061 - Development of a Customer Satisfaction Assessment Model for the Immigration and Emigration Service in Sri Lanka <i>H.W.N. Madhusanka and Nayanthara De Silva</i>
02.15 – 02.30 pm	S8051 - Knowledge Management Strategies for Sustainable Facilities Management in Sri Lanka <i>Sepani Senaratne, N.S.D Abeyasinghe and A.K Andaraweera</i>
02.30 – 03.00 pm	Q&A

Session Coordinator : Dimuthu Vijerathne

Saturday, 13 June 2015

Session 4C

Theme **Sustainable Construction Practices**

Session Chair Ch. QS. Kanchana Perera

Venue/Time VIP Lounge – 01.30 pm – 03.00 pm

Time **Paper ID, Title and Author(s)**

01.30 – 01.45 pm **S8010 - A Conceptual Lean-Based Framework for Improving the Environmental Performance of Ready-Mixed Concrete Production Processes**
Anna George Nellickal, Andukuri Vijaya Rajendra and Sivakumar Palaniappan

01.45 – 02.00 pm **S8043- Barriers to the Implementation of Concurrent Engineering Practices within the UK Construction Industry**
Anupa Manewa, Mohan Siriwardena and Andrew Ross

02.00 – 02.15 pm **S8053 - Application of Lean Construction Principles and Practices to Enhance the Construction Performance and Flow**
Upeksha Hansini Madanayake

02.15 – 02.30 pm **S8017 - Construction and Demolition Waste Recycling: The Case of Construction Waste Management (COWAM) Project**
I.G.T. Samarasingha and Gayani Karunasena

02.30 – 03.00 pm **Q&A**

Session Coordinator : Nipuni Sumanarathne