International Conference on

STRUCTURAL DESIGN AND INFRASTRUCTURE DEVELOPMENTS



JUNE 24-25, 2019 AT
DUBAI, UAE

International Conference on Structural Design and InfraStructure Developments	
Day 1,June 24, 2019 @ Hotel Name	
09:00-09:30	Registration
09:30-09:45	Introduction
Keynote Forum	
9:45-10:30	Tittle: Integrated Computerised Maintenance Management System (I-CMMS) for Precast Concrete Building.
	Zul-Atfi Ismail,University Malaysia Perlis, Malaysia
10:30-11:15	Title: Innovative concept on structural engineering of mega tall buildings applied to one kilometer high concrete skyscraper.
	Feroz Alam ,Senior Structural Engineer at Qatar Government , Qatar
Refreshment & Networking Break 11:15-11:30	
Oral Session	
Session I Introduction	
Sessions: Steel Structure and Framework | Structural Engineering and Structural Designing | Traditional Architecture VS Modern Architecture	
Session Chair: Morcous. G, University of Nebraska-Lincoln, Nebraska, USA Session Co Chair: Altaf Usmani ,Senior Manager Engineering & Technology Development, India	
11:30-12:00	Title: A Numerical Investigation on the Mode of Failure for a Composite Beam Subjected to Combined Negative Bending and Axial Loads.
	Mahesh Bavan, Department of Civil Engineering, University Technology Malaysia, Malaysia
12:00-12.30	Title: Effect of corrosion on flexure, shear & torsional strength of reinforced concrete member.
	Sudhir P.Patil,School of Civil Engineering, MIT-World Peace University,India
12:30-13:00	Title: 3D Modeling of Dynamic Interaction of Steel Building Structures on Raft Foundation
	Lakshmi Kant, Department of civil and environmental engg., Indian Institute of technology, India
Lunch (13:00-14:00)	
14:00-14:30	Title: Causal Relations Between Infrastructure and Economic Development in India: An Empirical Evaluation
	Anita Kumari, Department of Management Studies, IIT Roorkee, India
14:30-15:00	Title: Seismic Analysis of Metro Stations
	Sudhir Bikram KC, School of Civil Engineering and Architecture, Wuhan University of Technology, China
Session II Introduction	
Sessions: Earthquake Engineering for Structural Designingl Analysis and Design of On-shore and Off-shore Structures | Pre-Stressed Concrete(PSC) VS Reinforced Cement	
Session Chair: Feroz Alam ,Senior Structural Engineer at Qatar Government , QatarSession Co-chair: Zul-Atfi Ismail,University Malaysia Perlis, Malaysia	
15:00-15:30	Title: Strength and Ductility Study on Beam Column Joint Using Bio Concrete
	Dr Gunaselvi S,Department of Civil Engineering, Valliammai Engineering College, India
15:30-16:00	Title: Approximate Closed-Form Solution for Inelastic Buckling of Brace Members
	Ali Davaran, Structural Engineering Researcher, Canada
Tea Break (16:00-16:15)	
16:15-16:45	Title:Effect of Reinforced Soil Structure Interaction on Foundation Settlement Characteristics of A Three Dimensional Structure
	H.M.Rajashekar Swamya, Department of Civil Engineering, M S Ramaiah University of Applied Sciences, India
Day 2, June 25, 2019 @ Dubai, UAE	
Introduction-	
Keynote Forum	
9:45-10:30	Title: Innovative Systems for Accelerated Construction of Concrete Bridges
	Morcous. G, Durham School of Architectural Engineering and Construction, University of Nebraska-Lincoln, Nebraska, USA
10:30-11:15	Tittle: Challenges in Design and Construction of Large Underground Storage Caverns.
	Altaf Usmani ,Senior Manager Engineering & Technology Development, India
Refreshment & Networking Break 11:15-11:30	
Sessions: Traditional Architecture VS Modern Architecture | Steel Structure and Framework | Earthquake Engineering for Structural Designing	
Session Chair: Feroz Alam ,Senior Structural Engineer at Qatar Government , QatarSession Co Chair: Zul-Atfi Ismail,University Malaysia Perlis, Malaysia	
11:30-12:00	Title: Size effect on shear strength of slender reinforced concrete beams
	Subhan Ahmad, Department of Civil Engineering, Indian Institute of Technology, Roorkee, India
12:00-12:30	Title: Improved design and retrofit methodologies for Structures Located in Seismically Prone Regions
	C.K. Madheswaran, Senior principal scientist, CSIR-SERC, India
12:30-13:00	Title: Historic Landmark and its role as a Catalyst for Urban Regeneration: Al Mahatta, Sharjah
	Ashok Ganapathy Iyer, School of Design and Architecture, Manipal Academy of Higher Education, Dubai
	Lunch (13:00-14:00)
14:00-14:30	Title: Vulnerability Assessment for RC building with Vertical Irregularity in India
	Saurabh S, Department of civil and environmental engg., Indian Institute of technology, India
14:30-15:00	Title: Response analysis of laterally loaded pile foundation for liquefiable soil using Finite Element Analysis software..
	Muthulakshmi K, Research scholar, College of Engineering, Anna University, India
15:30-16:00	Title: Understanding of Finite Element Method from Basics
	K.Janardhana,Department of Civil engineering, PES university, India
Refreshment Break	
Panel Discussions by Experts Session Adjournment	
Networking & Refreshments	
Poster Presentations	
Award Ceremony	

Meet our Keynote Speakers

George Morcous

Professor of Construction Engineering, University of NebraskaLincoln, USA



Feroz Alam

Senior Structural Engineer, Qatar Government , Qatar



Zul-Atfi Ismail

Professor, University Malaysia Perlis, Malaysia



Tourist Attractions







READY TO SEE THE DUBAI?

BOOK YOUR SLOT TODAY!

Dubai is a city that must be seen to be believed. Here are the top places to tick off your sightseeing list when you're in town, some are The Dubai Mall, The Dubai Fountain, Burj Khalifa, Burj Al Arab, Ski Dubai, Kite Beach, Dubai Aquarium and Underwater Zoo.

Hotel Name:
MENA Plaza Hotel Albarsha
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