

Tentative Program



Please note that this is a Tentative Program. Timings in this program may subject to change. Slots are Available. For more details please contact Rachel Rose, civilengineering@insightconferences.com

Day 1: June 20, 2016	
09:00 - 09:30	Registrations
09:30 - 10:00	Opening Ceremony
Keynote Presentation	
10:00 - 10:30	Title: Potable Water Crisis: Need Sustainable Solution
	Amimul Ahsan, Universiti Putra Malaysia, Malaysia
Group Photo: 10:30 – 10:35	
Coffee break: 10:35-10:50	
Day-1 Scientific Sessions	
Track 1: Civil Engineering Design	Track 7: Architecture and Urban Planning
Track 2: Civil Engineering Materials	Track 10: Sustainability in Bridge Engineering
Track 5: Civil and Structural Engineering	Track 13: Civil and Environmental Engineering
Track 6: Sustainability in Geotechnical engineering	Track 14: Types of Tunnels & Construction Methods
10:50 - 10:55	Session Introduction
10:55 - 11:15	Title: Effective Metallizing Coating Solution for Steel Bridge Elements and its Slip Resistance
	Charles-Darwin Annan, Université Laval, Canada
11:15 - 11:35	Title: Sustainability and Urban Land Use and Transport Planning in Australia: Progress Over 25 Years and Future Prospects
	John Black, UNSW Australia
11:35 - 11:55	Title: Towards More Sustainable Pavement Materials and Structures – Research Overview
	Hassan Baaj, University of Waterloo, Canada
11:55 - 12:15	Title: Decision-making framework for sewer pipeline maintenance based on social and environmental changes
	Yeonsoo Kim, Yonsei University School of Civil and Environmental Engineering, South Korea

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12:15 - 12:35	Title: Sustainable Construction, Landslides And Grand Ethiopian Renaissance Dam In Ethiopia
	Ayman F. Batisha , International Sustainability Institute, Egypt
12:35 - 12:55	Title: Sustainability Decision Making for Integrated Renewable Bioenergy Generation and Water Management Systems
	Yongli Zhang , Wayne State University, USA
Lunch Break: 12:55 – 14:00	
Speaker Sessions	
14:00 - 14:20	Title: Innovation in turbo generator frame foundation, an experimental and analytical study
	Atul K Desai , Sardar Vallavbhai National Institute of Technology, India
14:20 – 14:40	Title: Study Of Steel Plate Shear Wall Using Etab
	Ashok Shah , Sardar Vallavbhai National Institute of Technology, India
14:40 – 15:00	Title: High Performance Green Concrete
	Darshak Raijiwala , Sardar Vallavbhai National Institute of Technology, India
15:00 - 15:20	Title: Service life prediction model for chlorine induced reinforced concrete structure
	S N Desai , Sardar Vallavbhai National Institute of Technology, India
15:20 - 15:40	Title: Development Of A Real World Driving Cycle Of Motorized Three Wheelers: A Case Study Of In Indian City
	Rakesh , Sardar Vallavbhai National Institute of Technology, India
15:40 - 16:00	Title: Application of MCDM – TOPSIS for determination of performance Index of sewage treatment plants - A case study Gujarat India
	Anjali Khambete , Sardar Vallavbhai National Institute of Technology, India
Coffee break: 16:00 -16:15	

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Day 2: June 21, 2016

Scientific Sessions

Track 3: Computing in Civil Engineering

Track 9: Transportation Engineering

Track 4: Sustainability in Civil Engineering

Track 11: Land and Construction Surveying

Track 8: Hydraulics and Hydro-Power Engineering

Track 12: Coastal Engineering and Management

Chair: Anjali, Sardar Vallabh National Institute of Technology, India

10:00 - 10:20	Title: The use of timber in bridges: the Brazilian program
	Carlito Calil Junior , São Paulo University, Brazil
10:20 - 10:40	Title: General Overview of the Effect of FA-β-CD composite on concrete behaviour.
	Ikotun B.D. , University of South Africa, South Africa
Coffee Break 10:40-10:55	
10:55 - 11:15	Title: Characterising Water Stress as an Issue of the Urban Agenda in Africa: The Case of Selected Zimbabwe Cities
	Innocent Chirisa , University of Zimbabwe, Zimbabwe
11:15 - 11:35	Title: Concrete Hydration Behavior and Crack Tendency Based on Electrical Resistivity and Restrained Shrinkage Test
	Muazu Bawa Samaila , Hassan Usman Katsina Polytechnic, Nigeria
11:35 - 11:55	Title: A Study on Ground Water Quality A Case Study of Olpad and its surrounding villages in Gujarat
	Namrata Jariwala , Sardar Vallabh National Institute of Technology, India
11:55 - 12:15	Title: BOD Prediction by Fuzzy MCDM technique using Multi-Parameter Aggregated Index
	N J Mistry , Sardar Vallabh National Institute of Technology, India

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12:15 - 12:35	Title: A Fuzzy Approach Towards Determination of Water Quality Index.
	Patel N. N., Sardar Vallabhbai National Institute of Technology, India
12:35 - 12:55	Title: BOD Prediction by Fuzzy MCDM technique using Multi-Parameter Aggregated Index
	T R Subash, L&T Construction, India
Lunch Break: 12:55 - 14:00	
Speaker Sessions	
14:00 - 14:20	Title: COMPARISON OF STRENGTH BETWEEN HIGH GRADE RETEMPERED [M40] AND MEDIUM GRADE RETEMPERED CONCRETE
	A.R. Pethkar, V.V.P. Polytechnic, India
14:20 - 14:40	Title: Managing Landslides Risks by Human Error Assessment Reduction Technique
	Sadaf Qasim, NED University Karachi, Pakistan
14:40 - 15:00	Title: Cost-benefit analysis combined with 3D design software reports triple bottom-line* value of projects, on demand
	Justin Taylor, Modena Design Centres (Pty) Ltd, South Africa
15:00 - 15:20	Title: Seismic Risk, Fragility and Loss Estimations of Civil-Structures
	Ehsan Noroozinejad Farsangi, International Institute of Earthquake Engineering and Seismology, Iran
15:20 - 16:00	Slots Available
Coffee break 16:00-16:20	
Poster Sessions	
16:20 - 17:00	Title: Earthquake response analysis of LRB isolated bridge
	Yanjiang Chen, Beijing University of Technology, China
	Title: Numerical study of the rotor geometry effect on a mixed flow turbine performance
	Reza Mokarram Aydenlou, Urmia University of Technology, Iran

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Organizing Committee Members



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International Conference on
Sustainable Civil Engineering

Civil Engineering 2016

June 20-21, 2016 Cape Town, South Africa

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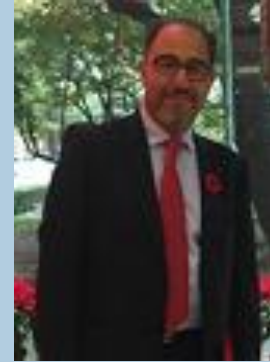
**Krishnanand
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Hassan Baaj

University of Waterloo
Canada



Gnida SOSSOU

Kwame Nkrumah University
of Science and Technology
(KNUST)
Ghana



Siva Kumar

CSIR - Structural
Engineering Research Centre
India



Low Sui Pheng

National University of
Singapore
Singapore

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About Cape Town, South Africa

South Africa's domestic economy continues to perform below potential, emerging market growth outlook deteriorates, while growth in advanced economies is slowly strengthening. Global growth is estimated to have increased by 3 percent in 2013, strengthening to 3,7 percent in 2014 and 3,9 percent in 2015. Economic activities has strengthened in advanced economies, while the outlook for emerging markets, although still positive, has weakened in recent months as emerging economies are adjusting due to higher levels of currency volatility capital inflows, current account and fiscal deficits, debt levels and varying levels of business and consumer confidence. Currency depreciation is likely to result in higher levels of inflation for most of the emerging economies, including South Africa. Economic growth in emerging markets is nonetheless expected to increase from an estimated 4,7 percent in 2013, to 5,1 percent in 2014. Because of an expected slowdown in China's economy, emerging markets are expected to slow to 4,7 percent in 2015. Developing economies account for a growing share of global trade and investment, from 18 percent twenty years ago to 38 percent, which means these economies will have a more profound global impact.

Cape Town is a port city on South Africa's southwest coast, on a peninsula beneath the Imposing Table Mountain. Slowly rotating cable cars climb to the mountain's flat top, from which there are sweeping views of the city, the busy harbor and boats heading for Robben Island in Table Bay. The notorious prison that once held Nelson Mandela is now a living museum

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Attractions & Landmarks



Babylonstoren



Boulders Beach



Cape of Good Hope



Cape Town Stadium

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