



ASCE INDIA CONFERENCE

Indian Institute of Technology, Delhi
December 12 – 14, 2017

1801 Alexander Bell Drive Reston, VA 20191-4382
(800) 548.2723 toll free (703) 295.6300 intl
(703) 295.6333 fax ■ www.ASCE.org

The American Society of Civil Engineers (ASCE) is organizing a Conference on Urbanization Challenges in Emerging Economies in New Delhi, India from 12-14 December 2017. ASCE and the ASCE India Section in collaboration with IIT Delhi and Institution of Engineers (India) at IIT Delhi are organizing the event.

The conference theme: *Moving Towards Resilient Sustainable Cities and Infrastructure*.
The conference will focus on infrastructure challenges being faced due to urban explosion of major metropolitan areas in emerging economies.

The conference will be divided into four major tracks:

1. Planning and financing to meet the growing demand
2. Transportation around & beneath existing cities
3. Energy and water infrastructure needed to meet the demands of exploding population in urban areas
4. Resilience and sustainability of infrastructure in a changing environment for the next 100 years

You are invited to submit an abstract of between 250 and 400 words by **8 June 2017**. Additional information is available on the conference website: www.asceindiaconference.org.

How To Submit Your Abstract

- Abstracts may only be submitted via the online Submission System: <https://catalyst.omnipress.com/#collection/116/submission>
- Create an account in CATALYST, by clicking on the Register tab.
- Enter your email address, password and confirm password. Click the Sign Up button.
- An email will be sent to you.
- **Please add noreply@omnipress.com as an approved sender.** If you do not see an email, you may need to check your email spam filter.
- Click on the turquoise button in your email labeled, “Confirm Account.”
- You will receive an email to log in.
- Once logged in, a turquoise box will pop up at the top of your screen indicating you have created a submission.
- Read the Information tab.
- Complete all the required fields on all the tabs.
- Click “Save,” on the bottom right of your screen after you complete each tab.
- Click on the “Publish” button on the bottom right of your screen when you are ready to submit your abstract.

Dr. Udai P. Singh, D.Engr., BCEEM, PMP, M.ASCE – Conference Chair
Er. Satish Kumar Vij, M.ASCE – Organizing Committee Chair



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Topics Include:

1. Planning and financing to meet the growing demand of habitat and infrastructure
 - Policy and government issues
 - Affordable housing
 - Innovative Financing Options
 - Urban Renewal
 - Subsidies and Consumer Pricing
 - Public-private Partnerships
 - Infrastructure planning for Climate Change
 - Decision-making under Uncertainty
 - Project and Program Management Challenges and Solutions
2. Transportation around & beneath existing cities
 - Challenges in Mass Transportation
 - Multi-modal Transport, including Bus Rapid Transport
 - Intelligent Transport Systems
 - Traffic Management
 - Urban Tunnels for Transit Extensions
 - Retrofitting Transportation in Existing Cities
 - Autonomous Vehicles
 - Construction Monitoring
3. Energy, environment and water infrastructure needed to meet the demands of exploding population in urban areas
 - Non-Conventional Sources of Energy
 - Energy Security for Infrastructure Development
 - Urban Waste Management
 - Management of Urban Pollution and Remedies
 - Urban Drainage Management
 - Potable Water for the Masses
 - Air & Water Quality Improvements and Urban Water Systems Infrastructure
4. Resilience and sustainability of infrastructure in a changing environment for the next 100 years
 - Infrastructure Asset Management
 - Disaster Resilient Communities
 - Sustainable Infrastructure Ratings and Tools
 - Innovative Technologies
 - Sustainable Materials, Tools and Methodologies
 - Lifecycle Assessments and Reduction of Lifecycle Costs
 - Climate Change Considerations in Infrastructure Design, Construction and Operation
 - Smart Cities, Cyber-physical Systems

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