

Learn to Connect, Collaborate, and Co-create Webinar Series

Webinar 6:

Process for Planning and Designing Sustainable Streets

15 July 2020, 05:00 – 06:30 p.m. IST

National Institute of Urban Affairs, India, through the [CITIIS \(City Investments To Innovate, Integrate, and Sustain\)](#) program launched the '[Learn to Connect, Collaborate, and Co-create \(L3C\)](#),' webinar series in April 2020, to encourage learning amongst various stakeholders in the program as well as amongst a larger group of urban practitioners with the objective of promoting peer learning around sustainable urban development.

Please use this link to register for the webinar: <https://primetime.bluejeans.com/a2m/register/bkrdcxfs>

Please submit any questions to: citiis@niu.org and ssaxena@niu.org

The Merriam -Webster Dictionary defines sustainable as "...using a resource so that the resource is not depleted or permanently damaged." Accordingly, a sustainable street would be one that does not deplete or permanently damage its surroundings.

For aeons, streets and roads were seen as passive pieces of pavement. Sustainable or not - they just were. Then we realized that impervious pavement meant to facilitate smooth travel also produced water runoff which flooded adjacent fields and basements. Highways meant to connect town to town also bisected wildlife migration patterns. Black asphalt meant to be inexpensive and long lasting also raised surrounding temperatures (heat island effect). Utility trenches meant to streamline services also restricted tree roots and subsequently shade. Thus making all the environmental enthusiasts wonder that perhaps, mere provisioning of infrastructure is not enough. There are various elements of the street that ought to come together to make any street a 'sustainable street'. An amalgamation of natural and built fabric is required which not only incur benefits of movement but also, green environment.

Speakers in this webinar, all recognized experts, will stir the sustainable streets stew. Byron Stigge will present global and Indian best practices in sustainable infrastructure writ large. Sujata Hingorani will focus on implementing sustainable streets and networks in India. Steven Burgess will tie sustainable streets to complete streets and long-lasting investment.

Speakers



Sujata Hingorani, Principal Landscape Architect, Oasis Designs Inc.

Sujata Hingorani is Principal Landscape Architect at Oasis Designs Inc. which is a multi-disciplinary firm dealing mainly in urban level projects. Her firm has been engaged in various scales of projects, ranging from planning new TOD Townships, Smart Cities, Streetscapes, Public Landscapes and Plazas, in addition to the regular private commissions. The work integrates sustainable urban design concepts into creating vibrant public realms and ecologically sensitive urban spaces.

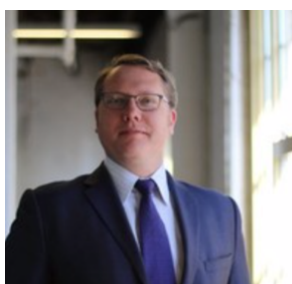
Retrofitting best practices into our existing cities is the focus area of her work. This includes creating better last mile connectivity options in the form of pedestrian and cycling infrastructure, opting for more sustainable landscape-based solutions for storm and waste water management, and finally looking at all the public realm of our cities holistically, so that they become more active and interactive. She has been

actively participating in various initiatives and dialogues for key policy interventions to make our cities more sustainable and livable.



Steven Burgess, Engineer and Urban Strategist, Director, Complete Streets Pty Ltd

Steven Burgess is a street maker and change agent for Cities. He brings 30+ years' experience as an engineer and urban strategist to reform the balance between machines and people in towns and cities all over the world. Steven is the author of '*Complete Streets - Guidelines to Urban Street Design*' published in 2010 and was a contributor to two other international street making publications. Steven now devotes his time to managing mobility and maximising liveability, telling stories around the globe to inspire and facilitate change.



Byron Stigge, Founder and Director, LEVEL - Agency for Infrastructure, New York

Byron Stigge is Founder and Director of the Level Agency for Infrastructure, a New York City based infrastructure planning and engineering firm. For the past two decades, Stigge has been designing sustainable infrastructure plans for large scale development projects, predominantly in developing countries. Stigge is on the Board of Directors of the Institute for Urban Design. He has lectured and taught at Harvard GSD, MIT, Yale University, Washington University in St. Louis, and Columbia University. He holds an undergraduate dual degree from

Washington University in St. Louis in civil engineering and architecture, a master of building technology from MIT and a master of design studies in environmental planning from Harvard GSD.

Moderator



Michael King, Founder, Founder, Traffic Calmer, New York.

Michael King works with progressive cities, campuses and NGOs to invert the dominant auto-centric paradigm and advance a green mobility ethos. Trained in architecture and urban design, Michael taught himself transportation planning and traffic engineering because streets make up such a large percentage of the urban footprint and mobility is key to how we grow our economies, increase safety and combat climate change. Michael's work has taken him to 20 states, 22 countries and 5 continents.

CITIIS Program Management Unit

National Institute of Urban Affairs

India Habitat Centre

Lodhi Road

New Delhi-110003

INDIA

+91-11-24643284, citiis@niua.org