



A FIVE DAY MODULE ON

SUSTAINABLE CITIES

July 17th – 21st , 2018

M U M B A I

Conducted by K.J Somaiya College of Science & Commerce
In collaboration with Mumbai Metropolitan Region Environment Improvement Society

Module coordinator - Dr. Himanshu Burte
Architect and Urbanist, Tata Institute of Social Sciences, Mumbai

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introduction

Sustainability is fast emerging as a key concern, more so in the context of thinking about cities. Cities present a paradox in this regard. On the one hand, they offer numerous economies of scale, in terms of environmental and economic benefits, through the concentration of populations and activities. On the other, they are also centers of ever more intensive and unsustainable consumption of finite resources and waste production. Thus cities are not only opportunities, but also hazards, not the least for the majority in a city like Mumbai who are poor and vulnerable, but also to other communities in the region whose land, forests and water related lives and livelihoods, its everyday operation impinges upon. Their existence and operation also has tremendous impact at a global scale, in terms of the finite energy and other resources they consume, as well as through their contribution to climate change.

module objectives

Orient participants critically to the idea of a sustainable city especially by localizing it to the Indian, and particularly the Mumbai, context.

Introduce participants to key urban 'sectors' or domains (planning, governance, land, energy etc.) in terms of their implications for urban sustainability.

Understand the different ways in which cities in the Global south are moving towards a more sustainable urbanism, and draw lessons for practice of diverse kinds.



learning outcomes

The course will help enhance participant's understanding about:

- Concepts and complexities around sustainable cities
- Environmental & social impacts
- Energy, Greenhouse gases, transport, biodiversity, solid waste management in the context of sustainable city
- Role of Land & water within cities
- Case studies on sustainable cities within and beyond India

pedagogical approach


- Illustrative talks by expert researchers, practitioners, from diverse fields and reputed institutions
- Site-based learning / guided field visits
- Problem identification and solution exercise
- Learning through application
- Facilitated discussions
- Review of case studies

fees & registration

- Module fee : INR 5000/- per module
- For outstation candidates accommodation can be arranged (limited available)
- Last day for registration: 10th July 2018
- To register, login into : <http://cdem.somaiya.edu/registration>



module outline

	17 th July	18 th July	19 th July	20 th July	21 st July
Theme 	Overview: <i>Concepts Aspects and issues (understanding unsustainability)</i>	Aspects	Aspects	Intervention: approaches Strategy, technology	Intervention: Practices Strategy, technology etc.
9.30am - 10.30am	Introduction to the module and the idea of sustainable cities - Dr. Himanshu Burte	Energy, GHGs and cities - Dr. Tejal Kanitkar	Sanitation and Sustainable Cities - Dr. Prathibha Ganesan	Land and water in urban development - Mr. Mohan Rao	Sustainable city case study :Curitiba - Dr. Himanshu Burte
10.45am -11.45am	Cities and un/sustainability: problem and solution sides - Dr. Himanshu Burte		Solid Waste Management and sustainable cities - Dr. Prathibha Ganesan		Sustainable city case study :Pune - Ms. Sanskriti Menon
12.15pm - 1.15pm	What is environmental and social Impact? Scales, characteristics, and policy frames - Mr. Parth Bapat	Sustainable Livelihoods in the context - Dr. Mouleshri Vyas	The forest in the city TBC	Sustainable Transport approaches - Mr. Sree Kumar K	Challenges in Practice TBC
2.15pm - 3.15pm	Governance, policy, economic productivity, developmental imagination and un/sustainable cities - Dr. Lalitha Kamath	Field visit Biodiversity in the everyday city - Mr. Parth Bapat	Studio: Group problems - Dr. Himanshu Burte	Field Visit	Studio: Groups present studio work. Followed by Wrap - Dr. Himanshu Burte
3.45pm - 4.45pm	Planning and its impacts: infrastructure projects, land use plans, townships - Dr. Rutul Joshi				

Module coordinator & facilitator



DR. HIMANSHU BURTE

Architect and Urbanist

Tata Institute of Social Sciences, , School of Habitat Studies, Mumbai

Speakers



DR. LALITHA KAMATH

Urban governance specialist

Associate Professor, School of Habitat Studies,
Tata Institute of Social Sciences, Mumbai



MOHAN RAO

Environmental planning
consultant,
Bangalore



DR. RUTUL JOSHI

Mobility expert and planner
Associate Professor,
CEPT University, Ahmedabad



PARTH BAPAT

Independent Consultant on
Environmental
Impact Assessment (EIA), Mumbai



DR. TEJAL KANITKAR

Energy policy specialist
Assistant Professor, School of Habitat Studies
Tata Institute of Social Sciences, Mumbai



SREE KUMAR K

Transportation planner, Managing Associate ,
Regional Economics & Planning
Ross Centre for Sustainable Cities of the
World Resources Institute (WRI), Mumbai



SANSKRITI MENON

Programme Director
Centre for Environmental
Education, Pune



Dr. MOULESHRI VYAS

Livelihoods expert,
Tata Institute of Social Sciences,
Mumbai



DR. PRATHIBHA GANESAN

Sanitation & solid waste management expert
Assistant Professor.
School of Habitat Studies,
Tata Institute of Social Sciences, Mumbai