



A Six-Day eSTTP and Industry-Academia Outreach Program

# URBAN DYNAMICS AND CLIMATE RESILIENCE

28 – 03  
NOV DEC  
2020

spav.ac.in

Organised by:

School of Planning and Architecture Vijayawada

(Professional Development Programme under the European Union funded project BReUCom)

06 Days | 11 Sessions

12 Institutions | 14 Presentations



## Purpose of the Program

The Six Day **Industry Academia Outreach Programme** organized by SPA Vijayawada on "Urban Dynamics and Climate Change" is an **e-Short Term Training Programme (eSTTP)** aimed at updating and developing capacities of professionals and researchers working in the field of urban planning, climate change and environmental management. It is co-funded under the **European Union Project of 'Building Resilient Urban Communities'** as one of its **'Professional Development Program (PDPs)'**. The 6-days envision bringing together a select combination of eminent experts representing the leading think-tanks of planning academia and practice, who shall share some of their application-oriented professional and research works. This shall enable participants to understand some of the state-of-the-art tools and techniques that stand chances of replication in planning and administration of cities, in order to address the challenges of Climate Change in a systematic manner. Urban dynamics through system-based modelling, use of geo-informatics, and statistical and computing tools to address direct spatial planning concerns related to climate change shall be discussed over 4 sub-themes covering – Energy, Heat Stress, Flooding, Local Climate Change and Emerging Techniques. With over 15 detailed presentations spread over 6 days by eminent speakers from India and USA, the participants can expect a stimulating, intellectual and enriching technical experience aimed at augmenting their skills and capacities.

### Target Audience:

Planning and Architecture fraternity - Practitioners, Engineers, Academicians, Consultants; Policy makers and Government officials from concerned departments involved in Environmental Planning, Urban & Regional Planning, Remote Sensing & GIS, Transportation planning, Environmental Planning; Researchers

**Participation Fee:** PG/PhD Students Rs. 500 and for others Rs. 1000

For Registration and Detailed Program, Visit:

<https://www.spav.ac.in/breucom.html>



Co-funded by the  
Erasmus+ Programme  
of the European Union

**B.RE.U.COM**  
Building Resilient Urban Communities



IGBC  
(Knowledge Partner)

## DISCUSSION THEMES

28<sup>th</sup>  
NOV

Speakers

### Climate Change and City Planning

Prof. Dr. Meenakshi Dhote, Dept. of Env. Planning, SPA Delhi  
Mr. Ajay Raghava, Climate Change Division, MoEF, Govt. of India  
Prof. Dr. Vinod K Sharma, IIPA Delhi

29<sup>th</sup>  
NOV

Speakers

### Flooding and City Regions

Dr. Santosh, NIH Roorkee  
Dr Sathish, NIT Calicut

30<sup>th</sup>  
NOV

Speakers

### Heat, Emission and Cities

Prof. Dr. Rajashree Kotharkar, VNIT Nagpur  
Prof. Dr. Manmohan Kapshe, MANIT Bhopal  
Dr. Ayon K Tarafdar, SPA Vijayawada

01<sup>st</sup>  
DEC

Speakers

### Energy and Cities

Prof. Dr. Virupaxi Bagodi, GEC, Talakal, Karnataka  
Prof. Dr. Devadas, IIT Roorkee

02<sup>nd</sup>  
DEC

Speakers

### Emerging Tools and Techniques

Dr. Adinarayanane R, SPA Vijayawada  
Dr. Faiz Ahmed C, SPA Vijayawada  
Mr. Ashish Mohan, Covr Fin Technologies, Connecticut

03<sup>rd</sup>  
DEC

Speakers

### Closing Discussions

Mr. Dhawal Kataria, TJKM Transport Consultants, California  
Dr. Adinarayanane R, SPA Vijayawada

### Project Coordinator

Prof. Dr. Minakshi Jain  
Director, SPA Vijayawada

### Organisers:

Dr. Ayon K Tarafdar  
Associate Professor, SPA Vijayawada

Dr. Faiz Ahmed  
Associate Dean (Research) &  
Assistant Professor, SPA Vijayawada

Dr. Adinarayanane R.  
Project Co-Coordinator  
Dean Planning and Development &  
Head, Dept. of Planning, SPA Vijayawada

Dr. Prashanti R.  
Associate Dean (Consultancy)  
Assistant Professor, SPA Vijayawada