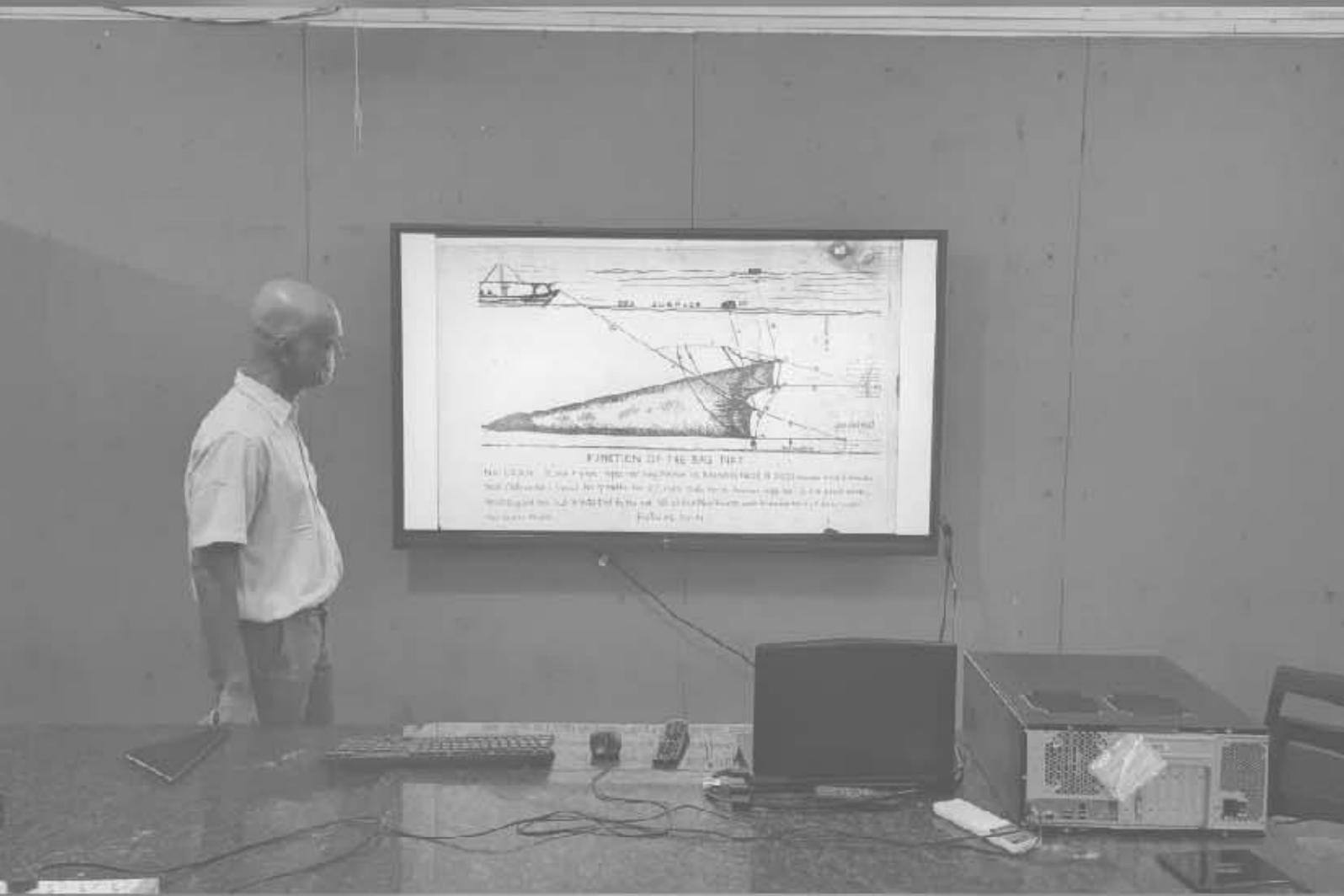


Building Resilient Urban Communities

ISSUE VI, 2020



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Editors

CURE
SPARC

Front Cover (Front & Inside)

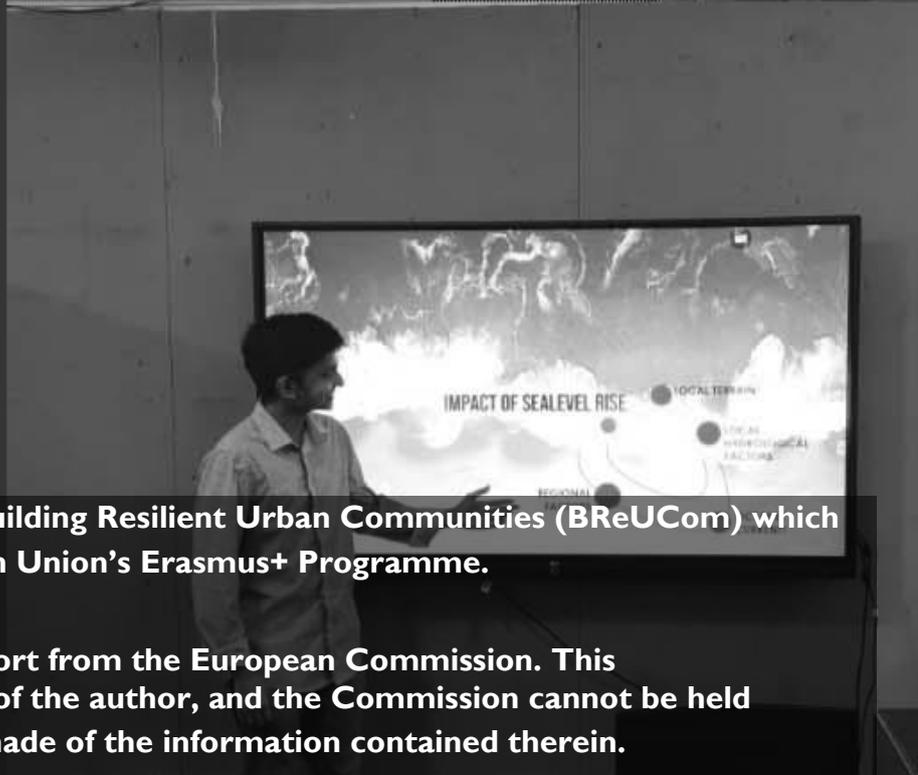
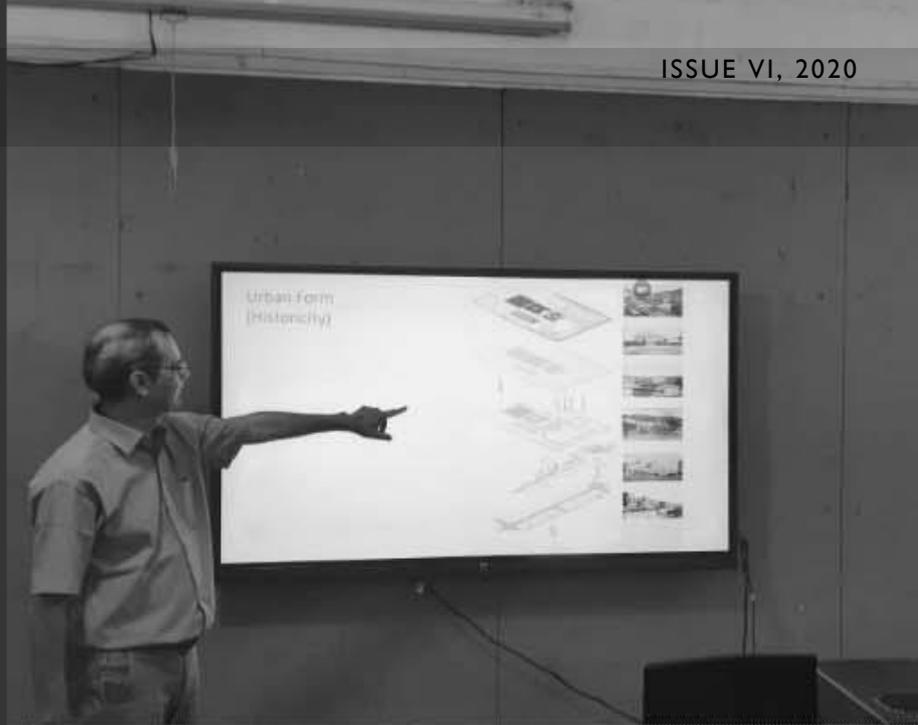
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Traditional Knowledge in Urban Resilience

PDP by NITH

E-short term course on “Traditional Knowledge in Urban Resilience” was Organized by Department of Architecture, NIT Hamirpur from Oct. 28- Nov. 01, 2020. The course was one of the first in the resilience series of five such workshop/ program to be conducted in next one-year duration. Centre for Urban and Regional Excellence, (CURE), New Delhi and SPA Vijayawada were also part of the course and coordinated for dissemination of resilience through their resource persons and expert lectures.

Various experts from renowned organizations delivered their expert talk during this five-day e-short term course. Given the significance of rich local indigenous knowledge, this course attempted to critically evaluate the traditional construction techniques, skills and knowledge prevalent amongst the local communities in north-western part of Himachal Pradesh region. In total 23 no. of participants took part in the e-short term course. Out of these 11 persons were Professional and 13 persons were Students.

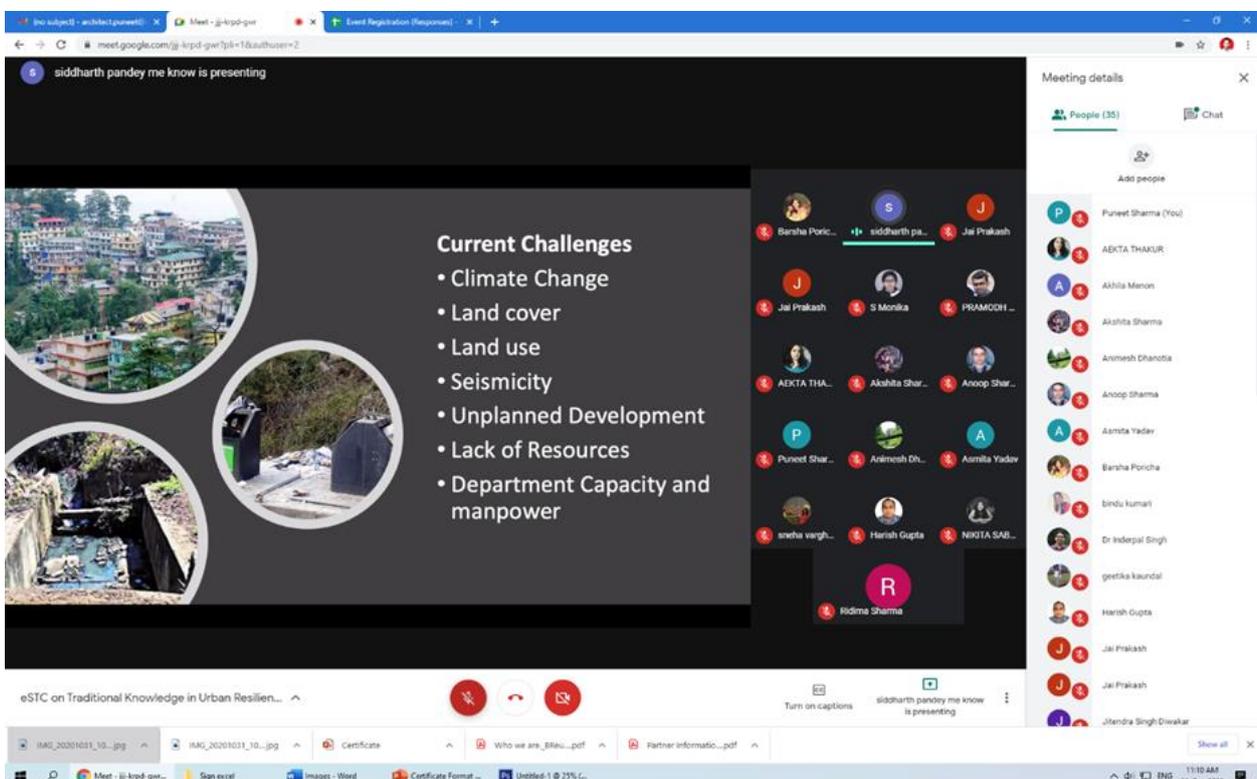
The course focused on:

- Traditional wisdom and Resilience frameworks
- Built form in hills
- Understanding the fundament of resilience and related risk
- Possible mitigation and adaptation methods with respect to vernacular settlements

Site Visit: Site Visit to Dharamshala on 31st October, 2020 coordinated by Centre for Urban and Regional Excellence (CURE)

Instructors:

- Dr. Inderpal Singh, Dr. Aniket Sharma, Dr. Puneet Sharma (NIT Hamirpur)
- Dr. Minakshi Jain, Dr. Adinarayane R, Dr. Faiz Ahmed C (SPA Vijayawada)
- Dr. Barsha Poricha, Sh. Sidharth Snankar (CURE)
- Ar. Surinder Bahga (SAAKAAR)
- Dr. Navneet Yadav (HIPA, Shimla)
- Ar. Rahul Bhushan (Sustainable Architecture)
- Ar. Ajay Sharma (SJVN)



Application on GIS in Urban Resilience

PDP by SPAV

The first PDP was held between November 03 - 08, 2020 and was titled "PDP I – "Application on GIS in Urban Resilience Planning". The six-day online program saw a total of 55 registered participants from different part of India, predominantly external to SPA Vijayawada. SPA Vijayawada joined hands with the Indian Institute of Remote Sensing, Dehradun and delivered lectures and training to the participants on various application of the use of geo-informatics in planning for urban resilience. In all there were 12 lectures totalling 25 hours of training. There were hands on training on open source GIS to the participants to enable them to use the basic tools for urban mapping and analysis. All participants were issued certificates.

Urban Dynamics And Climate Resilience

PDP by SPAV

SPA Vijayawada has conducted two Professional Development Programmes (PDPs) successfully. The latest PDP was held between Nov 28 - Dec 03, 2020 and was titled "PDP II – "Urban Dynamics And Climate Resilience". This six-day online training program had a total of 67 participants registered from various professional organisations representing four different countries including India. There were 15 detailed lectures and training modules delivered by experts from 11 institutions – namely - SPA Vijayawada, Ministry of Environment and Forests (Government of India), SPA Delhi, IIT Roorkee, IIPA Delhi, NIH Roorkee, NIT Calicut, NIT Bhopal, NIT Nagpur, GEC Karnataka, Indian Green Building Council (IGBC) Delhi and two planning consultancy firms from USA. The 15 lecture modules totalling 26.5 hours covered different dimensions of climate resilience on each day, namely – Heat Stress, Energy Planning, Urban and Regional Flooding, Emissions and Co-Benefits, and System Dynamics. Hand on training modules were given to participants on use of specific data analysis tools using computing platforms. Participants also engaged themselves in a short project and delivered their individual outputs for climate resilience for specific cities. IGBC approached SPA Vijayawada to collaborate as knowledge partners for the event. All participants were issued certificates.

APPLICATION OF GIS IN URBAN RESILIENCE PLANNING

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

03-08 November 2020

A SIX day Online Professional Development Program (PDP) by School of Planning and Architecture Vijayawada

THEME
Applications of GIS in Urban Resilience Planning

KEY TOPICS

- Applications of GIS in Urban Planning
GIS as a tool in Urban planning, analysis and decision
Date: 3rd November Time: 10 - 3pm
Speaker: Dr. Kabana Gupta, IIRS-Dehradun
- Geo-spatial data structure, system requirements and tools
Data and systems requirements and Open source GIS
Date: 4th November Time: 10 - 3pm
Speaker: Dr. Pravin Gupta, IIRS-Dehradun
- Geo-spatial applications in environmental planning and urban climate studies
GIS applications in environmental planning and urban climate studies - Case studies
Date: 5th November Time: 10 - 3pm
Speaker: Dr. Rajat Ramashankar, IIT Mumbai
- Geo-spatial Applications in Disaster Planning and Management
GIS applications in disaster planning and management - Case studies
Date: 6th November Time: 10 - 3pm
Speaker: Dr. Arjit Roy, IIRS-Dehradun
- Current Research in Geo-spatial Applications and Resilience
Recent trends, 3D GIS Mapping, Modeling Tools
Date: 7th November Time: 10 - 3pm
Speakers: Dr. Adinarayana, Dr. Ayon Tarafdar, Dr. Faiz Ahmed & Dr. Prashanti Rao
- Summary & Closing Session
- Feedback and concluding discussions, Distribution of reading materials, Recorded videos issuing e-certification of participant
Date: 8th November Time: 10 - 12pm

Organising Team:
Dr. Adinarayana, Dr. Ayon Tarafdar, Dr. Faiz Ahmed and Dr. Prashanti Rao

Project Coordinator:
Prof. (Dr.) Minakshi Jain, Director SPA Vijayawada

Contact:
PDP Coordinators: Dr. Prashanti Rao and Dr. Faiz Ahmed
Email: sd_spaavp@gmail.com

Registration Open from 19th October, 2020 !!!
For Registration: <https://forms.gle/nRkRumCvVByedro8>

Participation Fee
Students: 500 INR | Others: 1000 INR
Payment can be made via SBI Collect

URBAN DYNAMICS AND CLIMATE RESILIENCE

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

28-03 NOV DEC 2020

06 Days | 11 Sessions
12 Institutions | 14 Presentations

DISCUSSION THEMES

- 28th NOV | Climate Change and City Planning
- 29th NOV | Flooding and City Regions
- 30th NOV | Heat and Cities
- 01st DEC | Energy and Cities
- 02nd DEC | Emerging Tools and Techniques
- 03rd DEC | Closing Discussions

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. Adinarayana R, Project Co-Coordinator, Urban Planning and Development & Health, Dept. of Planning, SPA Vijayawada
Dr. Prashanti R, Associate Dean (Consultancy), Assistant Professor, SPA Vijayawada

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 (e-STTP) 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 (PDP). 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 modeling, 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 Academicians - 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://forms.gle/nRkRumCvVByedro8>

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Contemporary Perspectives on Resilience

PDP by KR VIA

USM's Kamla Raheja Vidyanidhi Institute for Architecture and Environmental Studies, in collaboration with the BREUCom project (Building Resilient Urban Communities), co-funded by the Erasmus Plus program of the European Union, hosted its first Professional Development Program on Urban Resilience. The certificate program, titled, "Contemporary Perspectives on Resilience" was a 3-day lecture series on various discourses around the phenomenon of Resilience in cities.

Each day of the lecture was thematised as below, and each theme consisted of three lectures:

Geographies and Cultural Quarters

- Cultural Territories and Resilience: Manoj Parmar
- Resilience in Contested Geographies: Aneerudha Paul
- Topographies of Vulnerability- Ecological Resilience Thinking in the Tropics: Sandeep Menon

Perceived Cities

- Representing Resilience: Rohan Shivkumar
- Cloud City- Resilience through Networked Geographies: Ankush Chandran

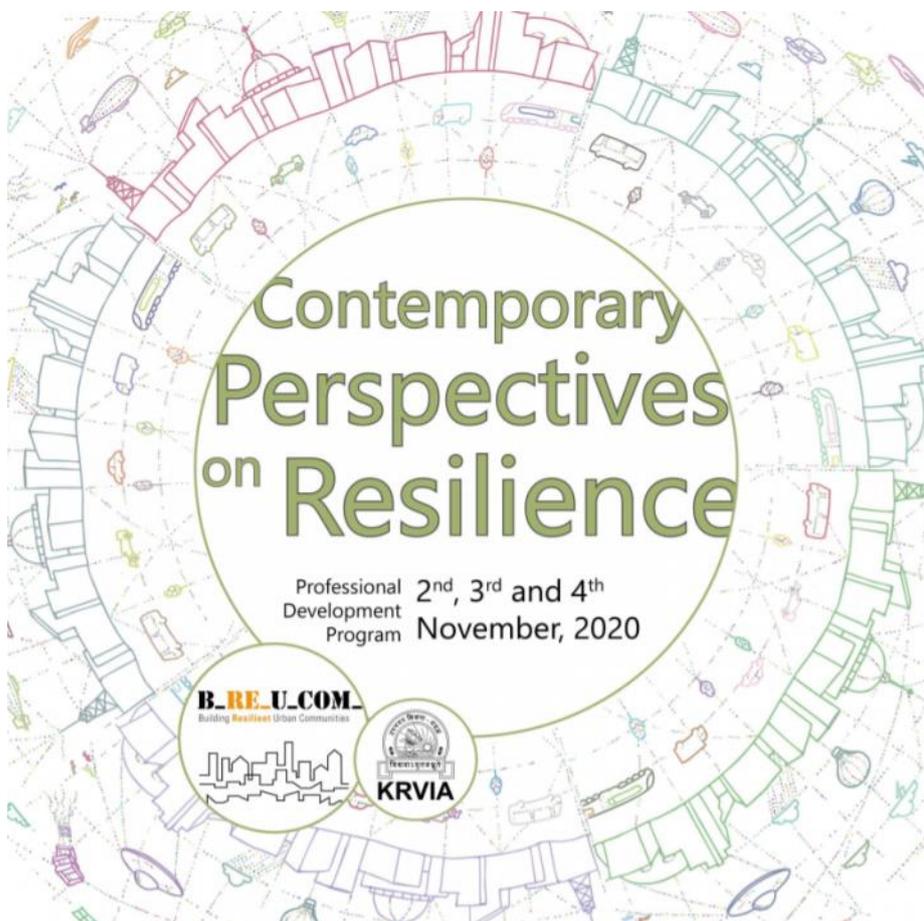
- Sociological and Cultural Perspectives on Resilience: Dr Binti Singh

Conservational Resilience

- Resilience in Cultural Heritage- An Introduction: Sanaeya Vandrewala
- Water Resilience in Historic Cities: Jimmy Bhiwandiwalla
- Augmenting Resilience in Historic Urban Cores: Vikram Pawar

The program was designed as a series of online lectures by the instructors, followed by a discussion with the participants. Each session was followed by an interactive Q&A session, and questions that could not be taken up during the session, owing to time restrictions, were answered via email.

The program attracted 125 registrations, of which 80 were shortlisted for participation. It witnessed active and enthusiastic participation from the participants, many of whom had extremely relevant and thought-provoking questions and comments during the interactive sessions.



Urban Resilience and Transforming Communities

PDP by SPAB

A five-day online professional development programme titled 'Urban Resilience and Transforming Communities' during 19 - 23 October 2020 was conducted by School of Planning and Architecture, Bhopal as a part of the BReUCom project. The sub-themes included climate change and resilience, marginalised communities and gender issues, institutional resilience, pandemic, resilience and technology.

A total of 17 participants (including professionals, researchers and students with an equal gender representation) from various backgrounds such as planning, architecture, civil engineering, etc. have taken part in the programme. Out of which, around one third of them were professionals and the others were students of postgraduate and PhD programmes. Prof. Bijayand Misra, Professor Emeritus, SPA Delhi delivered the keynote address. Besides the organizing team, the other resources persons were:

Dr.Sujatha Byravan, Independent consultant; Dr.Shiraz A. Wajih, President, GEAG; Prof.Neera Agnimitra, University of Delhi and Dr.Ruma Shukla, ESRI.

The dissemination was through a combination of lectures, group discussions, work sessions, and assignments. The professional development programme covered the concept of urban resilience in the context of changing global environment. Through a total of five lectures, an attempt was made to cover the challenges and threats in addressing the socio-economic and environmental issues in urban areas. The lectures addressed the chronic stresses and acute shocks due to urbanisation, climate change, urban poverty, etc., highlighting the need to confront present and upcoming related urban challenges by building resilience and developing solutions for a sustainable transformation of communities.



First PDP by SPAB © 2020 SPAB



First PDP conducted online by SPAB © 2020 SPAB

Marginalized Communities and Resilience

PDP by SPAB

'Marginalized communities and Resilience' during 23 - 27 November 2020 was conducted by School of Planning and Architecture, Bhopal as a part of the BReUCom project. The sub-themes were anchored around the core idea of marginalized communities. The subthemes were gender studies perspectives, climate change, urban poverty.

A total of 20 participants from various backgrounds such as planning, architecture, sociology, etc. participated in the programme. Sheela Patel, Director, SPARC India (Society for the Promotion of Area Resource Centers) delivered the keynote address. The other resources persons were: Mukta Naik, Centre for Policy Research, New Delhi, (on migration, poverty, and resilience) Independent consultant Venkat

Ramnayya (on Changed Weather Patterns & Climate - Impact on Livelihoods and Resilience of the Communities), and Independent Researcher, Kanchan Gandhi (on Gendered Vulnerabilities of Homeless People).

The Programme was conducted through a combination of lectures, group discussions, work sessions, and 3 major assignments. The professional development programme covered the concept of urban resilience and marginalized communities. Through sharing of BreUCom case studies of SPA Bhopal, participants were introduced to various methods of qualitative, narrative methods of identifying and documenting the issues related to marginalized communities in both spatial and non-spatial contexts.

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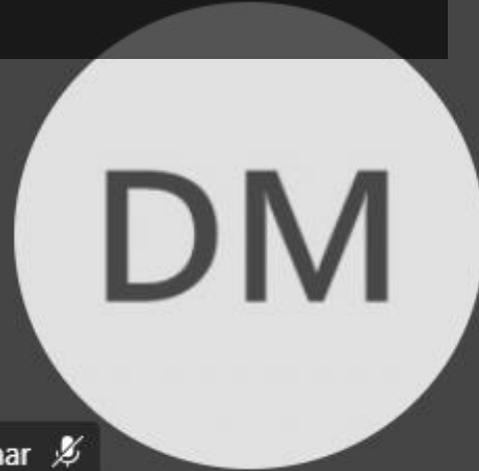
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Manoj Parmar



Dakshina Murlidhar 



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NEXT ISSUE:

Topics

- Advisory Board Meeting