

Building Resilient Urban Communities

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Editors

SPARC

CURE

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Upcoming Events

- Piloting of PDPs
- Impacts of Covid-19 crisis on informal settlers in India
- BReUCom webinar

Topics
<p>EU Site Visits and Project Meeting: University of Twente</p> <p><i>February 26 to 28, 2020</i></p>
<i>Professional Development Programmes (PDPs) and Open Course Ware (OCWs)</i>
PDPs and OCWs: KRVIA
PDPs and OCWs: SPAV
PDPs and OCWs: SPAB
PDPs and OCWs: NITH

EU Site Visits and Project Meeting

University of Twente, 24 to 28 February, 2020

Presentation: *Smart City in India Urban Laboratory, Paradigm or Trajectory?* By Binti Singh, Manoj Parmar (24 February, 2020)

The presentation on the book highlighted the fact that some of the important issues of urban India being tackled or dealt through the approach of smart city mission does not necessarily address the diversity of Indian cities. The book also looks critically at how anthropological traditions of urban India are being forgotten and cannot be dealt through technocratic urbanism. The book put

forward the idea of looking at the city at eye level thereby asserting the approach of bottom up approach of urban planning. Authors also stressed the need of moving away from typical urban thinking currently centered on dashboard governance, one size fits all to more toward inclusive, emancipatory one.

Overview of Case studies, presentation by WP2 Leader SPA Bhopal (24 February)

A quick overview on the status of the case studies was presented by WP2 Leaders-SPA Bhopal. A decision to explore platforms for

publishing the output of the papers was discussed among the partners, adhering to EU guidelines for better dissemination.

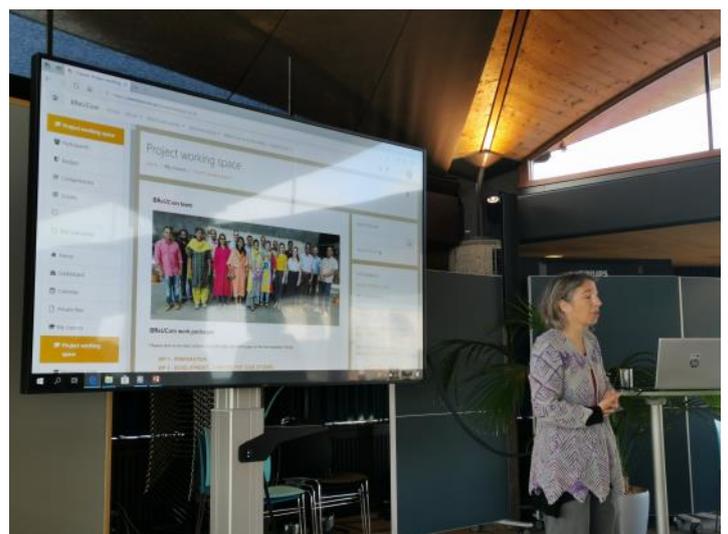
Project management: discussion led by WP7 Leader DUK (24 February)

DUK discussed the scheduling of the project and various ideas of further dissemination activities of the outcomes during and after

the project.

OCW: discussion led by WP3 leader KR VIA (25 February)

KR VIA, WP3 Leader, presented the update of the Open Course Ware collation. KR VIA presented the possibility of creating an umbrella branding for the PDP courses being offered by the various institutions as part of the BReUCom project so that there is a parity in the way the courses are conducted. The branding possibilities and other matters of concern for continued dissemination (post the project period) were discussed with the team members.



Presentation by WP7 Leader DUK

PDP: discussion led by WP4 leader SPAV (25 February)

SPAV, Team leaders for WP4, appraised the project team the PDP broad themes and explained the way forward to set a standard practice to contact various resource institutions as well as resource persons.

Advisory Board: discussion led by WP5 leader NITH (25 February)

The discussion was centred around holding the next advisory meeting via a virtual platform.

Website Dissemination: discussion led by WP6 leader SPARC (25 February)

SPAV, Team leaders for WP4, appraised the project team the PDP broad themes and explained the way forward to set a standard practice to contact various resource institutions as well as resource persons.

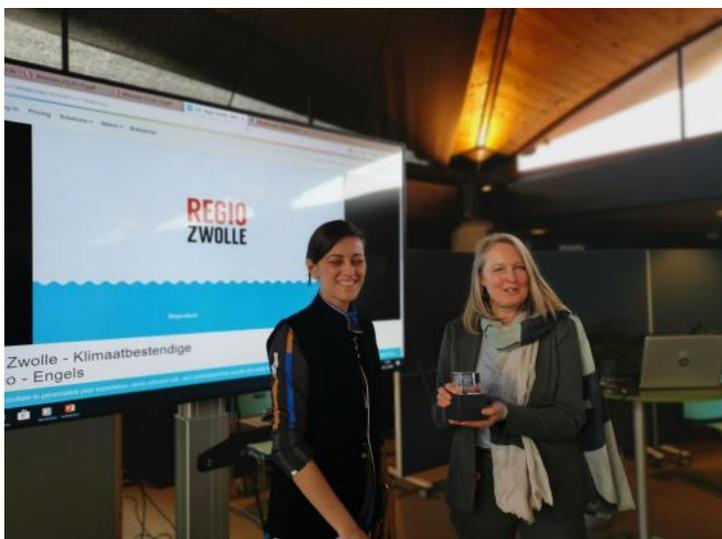
SITE VISIT: Climate Adaptation in Zwolle. Municipality of Zwolle (26 February)

The week was opened by the chair of PGM department, Prof. Dr. Jaap Zevenbergen. First secretary of the Embassy of India Mrs. Mrinalini Kaur Sapra attended the meeting to welcome the consortium and she also met with six Indian students of the Faculty of ITC.

During this week, the partners visit the municipalities of Zwolle and Enschede to see the works done on climate change and the UT Campus for a sustainability walk. There are many activities planned, one of which is a panel discussion with ITC students of the course 'Global Challenges, Local Action'

The site visit to the office of Municipality of Zwolle brought out multiple points of how planning policies of towns can be re-oriented toward climate change as major factor. The municipality has been working on 'a structural climate-adaptive' approach with a simultaneous links to many projects ranging from maintaining a controlled flow of water, waterways, retention ponds, bioswales,

large trees for shade, green roofs and courtyards etc. The people at large are included in project ideas right from conception to implementation. All the infrastructure projects within city symbolically highlight the important fact that climate change adaptation will contribute to understanding and resolution of other issues. The interesting aspect is that the town is imagined as 'climate campus' with a operational complexity increasing from region (waterways, regional water bodies) to urban (green and blue infrastructure) to street (gardens, bioswales etc.). The use of Geo spatial mapping for real time monitoring of water levels of regional as well as urban scale made the case of effective use of GIS for taking planning decisions. The participants then were taken to various parts of the city where urban and street level projects were undertaken such as primary school, private gardens. These community linked project also highlighted the role of participation and leadership.



Presentation in City Hall, Zwolle



Urban renewal Weezenlanden, Zwolle © 2020 ITC

Presentation: Prof. Richard Sliuzas on Spatial Planning (27 February)

Prof. Richard Sliuzas lecture looked at how shaping of space and place can act as basis for action or intervention leading to spatial planning. By taking historical viewpoints of horizontal (place making, global-world region-national-state-local) and vertical (disciplinary thinking-landuses as finite place-usable space dynamic -positive and negative externalities) dimensions of planning, Prof Sliuzas explained the how today's planning can be put into perspective of resilience as a major driver for our actions. The lecture identified key disciplinary problems such as fragmented and

incomplete knowledge, uncertain effects of action, inability to deal with many issues simultaneously and persistence of routine and habitual behavior which ultimately also becomes responsible for how we frame our planning problems. Prof. Sliuzas stressed on working with scenarios of feasible, plausible and possible nature to sought the balance among multiple issues and resilient planning. He explained the Room for River, a national programme of Dutch government in the background of above approach.

BReUCom panel discussion and interaction with 120 international MSc students (27 February)

The interaction with MSc students saw the real global nature of the problems many places and cities locally face. Session started with presentations from institute partners highlighting how they approach local problems with context specific solutions. NITH contextualized the unique problems and issues faced by the communities in Himalayan region in the background of climate change, socio-cultural shifts and building construction material. NITH also stressed the importance of documentation of traditional building practices in Himalayan region. SPA Vijayawada looked at Chandigarh as an example of modern city model India saw back in 50s which later getting indigenized with community life and Indian ethos. Chandigarh brings that dichotomy of mix of global nature and indigenous culture. SPA Bhopal presented the case of Bhopal smart city plan, especially its Area Based Development (ABD) and imagining scenarios where it could have dealt sensitively with green cover and water streams to integrate with the area level plan for sustainability. CURE presented the case of building water

resilient neighborhoods in Agra, where economic, social and environmental nature of results could be achieved primary through constant community participation and collaborative mapping. SPARC presented a case of how community driven data can transform the life in slums. Through Slum Dweller International (SDI), issues of the poor can be put forward effectively through a data collected by slum dwellers themselves which can help them engage consultation with the government on various issues of basic services and also fight against undue eviction. SDI presents an interesting way to empower the marginalized communities in a city. KRVI identified the role of resilience training in global south perspective and how solutions and responses can be contextualized to the communities in the southern part of the world. The discussion was followed by Q&A session where students from diverse national backgrounds asked questions pertaining to approaches routed in context and place.

Lecture by CURE

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SITE VISIT: University campus energy transition. University of Twente (27 February)

The visit to the University of Twente campus for energy transition saw many initiatives within the campus for energy conservation and climate change adaptation. The buildings and uses ranged from academic buildings, open air theatre, swimming pool to sports fields, water ponds to university plantations and lawns. All

of these interventions established the link between energy conservation and resilient design where through technology, materials and ecological principles, a series of objectives can be achieved such as thermal comfort, lowering of heat transfer, reduction in energy demand and more reliance on natural systems.

SITE VISIT: Enschede flood protection. Municipality of Enschede (28 February)

Mr. Koen Wagelaar and Mr. Peter Dijkstra from the Enschede municipality office presented the transformation the town of Enschede went through, especially in the background of the floods. The unique point of approach by the municipality was 'make water visible' in order to mitigate the excess of water. As the historical transformation saw demographic and social changes in town, water streams also reduced which lead to the devastation during the floods of 2013 making town authorities to change the water management of the whole town. To make the climate adaptation strategy, town authorities worked on four major themes namely

water visibility, awareness, heat island reduction and biodiversity. Since the topography of the town of Enschede is relatively flat, water becomes the driving element of the development plan. The site visits introduced the various projects which kept water management at the core of its design. The flow of the water is regulated by using various form of control such as Wadis (Ruwenbos and Oikos districts), retention ponds, marshy fields and bios-wales. These are directed towards the 'climate-active city', a healthy and attractive city with smart blue and green infrastructure, for water-management and controlling heat.



Visit Municipality of Enschede. Opening by the alderman Jurgen van Houdt © 2020 ITC



Presentations by Koen Wagelaar (Water designer) and Peter Dijkstra (Teamleader) © 2020 ITC



Wadis in residential area Ruwenbos, Enschede © 2020 ITC



Climate Active City. Project Stadsbeek, Enschede © 2020 ITC

Professional Development Programmes (PDPs) and Open Course Ware (OCW)

PDP modules are for experienced urban professional from different backgrounds seeking further training and specialisation in areas related to building urban resilience, while courses (OCW) are meant to be electives in partnering HEIs for students of planning, architecture and design (mostly postgraduate Master and PhD students).

Kamla Raheja Vidyanidhi Institute for Architecture and Environmental Studies, Mumbai

PDPs

PDP No.	PDP Title	Tentative Dates	PDP Duration
1	Understanding Socio-Ecological Resilience in the Indian Paradigm	May-June, 2020	3 days
2	Enhancing Resilience of Historic Cores	May-June, 2020	3 days/ 1 week
3	Addressing Informality and Urban Resilience	May-June, 2020	3 days
4	Water Resilience: Adaptations, Coping and Transformations	May-June, 2020	3 days
5	Rising Waters, Safer Shores' : Resilience Awareness Building and Flood Preparedness Workshop	May-June, 2020	3 days

OCWs

Course No.	Course Title	Tentative Dates	Course Duration
1	Water Stress and Urban Resilience	Jun-Dec 2019	16 weeks
2	Enhancing Resilience of Historic Cores	Jun- Dec, 2019	16 weeks
3	Informality and Resilience	Jun- Dec, 2019	16 weeks
4	Living in Flux: Landscapes as Transformative Response to Climate Change	Jun- Dec, 2019	16 weeks
5	Landscapes. Ecologies of Resilience	Jan-April, 2020	16 weeks
6	Imaging Crises & Resilience	Jan-April, 2021	16 weeks
7	Cultural Practices & Resilience	Jan-April, 2022	16 weeks
8	Cultural Territories and Resilience	Jan-April, 2020	16 weeks

PDPs and OCWs

School of Planning and Architecture, Vijayawada

PDPs

PDP No.	PDP Title	Tentative Dates	PDP Duration
1	Heat Stress and Thermal Comfort	May, 2020	1 Week
2	Traditional Wisdom and Resilience in Hill Settlements	May, 2020	1 Week
3	Urban Heat and Spatial Dynamics	July, 2020	1 Week
4	Applications of GIS in Resilience	July, 2020	1 Week
5	Settlement Planning and Design in Hilly Terrain	August, 2020	1 Week

OCWs

Course No.	Course Title	Tentative Dates	Course Duration
1	Traditional Wisdom and Sustainability Concepts	July-Nov, 2020	16 weeks
2	"Energy Studies" in Urban Planning.	July-Nov, 2020	16 weeks
3	Human Settlements and Climate Change	July-Nov, 2020	16 weeks

PDPs and OCWs

School of Planning and Architecture, Bhopal

PDPs

PDP No.	PDP Title	Tentative Dates	PDP Duration
1	Urban Resilience and Transforming Communities	April, 2020	1 Week
2	Marginalized Communities and Resilience	July, 2020	1 Week
3	Institutional Resilience for Informed Decisions	July, 2020	1 Week
4	Culture, Resilience and Indigenous Communities	Dec, 2020	1 Week
5	Urban Resilience - Enabling Knowledge Providers	Dec, 2020	1 Week

OCWs

Course No.	Course Title	Tentative Dates	Course Duration
1	Climate Informed Settlement Planning	Jan-April, 2020	16 weeks
2	Landscape Urbanism- Exploring Urban Resilience	Jan-April, 2020	16 weeks

PDPs and OCWs

National Institute of Technology, Hamirpur

PDPs

PDP No.	PDP Title	Tentative Dates	PDP Duration
1	Socio-ecological Resilience in Hills	June-July 2020	1 Week
2	Traditional Knowledge in Urban Resilience	Dec,2020	1 Week
3	Flood Resilience Mitigation and Adaptation	June-July 2021	1 Week
4	Learnings from Vernacular Hill Settlements	June-July 2021	1 Week
5	Disaster Resilience and Risk Management in Hills	Dec-21	1 Week

OCWs

Course No.	Course Title	Tentative Dates	Course Duration
1	Vernacular Construction Techniques in Kangra Region	Jan-May, 2020	16 weeks
2	Resilient settlement in Himachal Pradesh, Shimla	Jul-Dec, 2020	16 weeks

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NEXT ISSUE:**Topics**

- Piloting of PDPs
- Impacts of Covid-19 crisis on informal settlers in India
- BReUCom webinar