



SCHOOL OF WATER AND WASTE

AAETI

NAMAMI  
GANGE

# WEBINAR ON

# URBAN GROUNDWATER

## SUSTAINABILITY, RECHARGE AND QUALITY CHALLENGES

**Date: September 6, 2022 | Time 03:00 PM to 04:30 PM**

**Language: English | Platform: Zoom**

**LAST DATE TO REGISTER: SEPTEMBER 6, 2022**

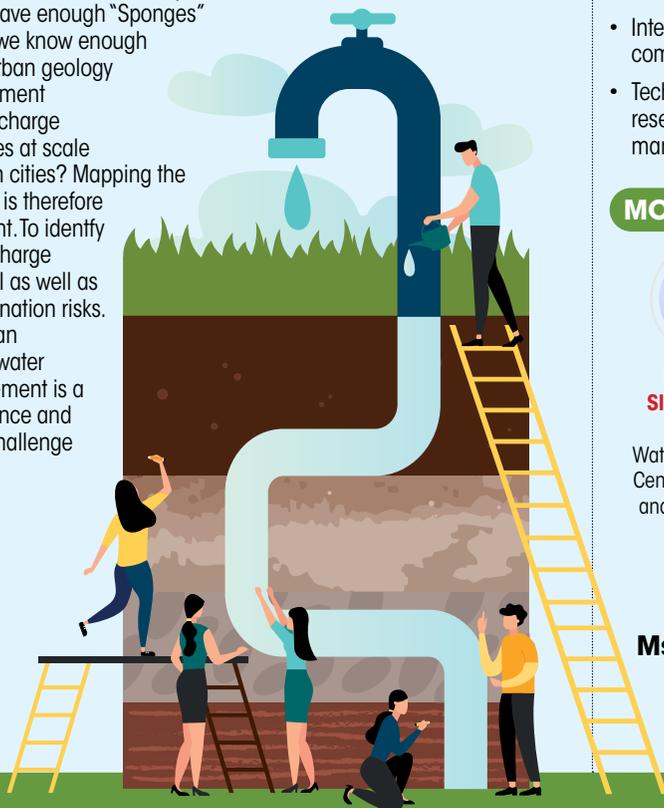
Urban water conservation is a priority given the water scarcity we face for our towns and the impact of climate change that is intensifying this water scarcity as well as flooding risk. What is important is to understand and implement urban water conservation, from a use case perspective, of what a city needs, and not as a generic intervention of ground water recharge.

The priorities, needs and opportunities for urban water conservation vary across the different typologies and climate conditions and our cities. What Bengaluru needs in terms of water conservation and recharge measures, may not be a relevant for small towns of Odisha or UP. Groundwater is related to aquifers. Do we have enough "Sponges" and do we know enough about urban geology to implement water recharge measures at scale in Indian cities? Mapping the aquifers is therefore important. To identify both recharge potential as well as contamination risks.

Urban ground water management is a governance and policy challenge

for India. This webinar brings two experts, Prof Venkatesh Dutta and Prof Shashank Shekhar, to share this experience of ground water recharge and management in cities of India.

This webinar is a part of a 3-year duration CSE programme – 'Capacity building initiative focusing on 'Making Ganga basin cities water sensitive', supported by National Mission for Clean Ganga (NMCG) and is part of the series of ongoing efforts by NMCG aimed at ensuring convergence of Namami Gange Mission with national flagship urban missions (AMRUT 2.0, Smart Cities, SBM 2.0, HRIDAY, NULM), and other missions (Atal Bhujal Yojana, Jal Jivan Mission, Jal Shakti Mission).



### AIM

Capacity building, awareness and action research for promoting sustainable groundwater management and sustainable water resource.

### OBJECTIVE

- To develop better understanding of the context and role of the groundwater, aquifers in cities.
- Discuss emerging issues, challenges opportunities and solutions in cities.

### TARGET AUDIENCE

- State / municipal functionaries dealing with urban planning, water, sewerage and sanitation including flood / drainage sector in Ganga basin states.
- SPMG, Programme Management Units & SPVs supporting state/cities.
- Namami Gange Programme partners and key funding agencies – World Bank, ADB and other bi lateral funding agencies.
- International Non-Governmental Organization and local grassroots community-based organization incl. Self Help Groups.
- Technology providers, consultants including practitioners, researchers, academicians and NGO's promoting sustainable water management.

### MODERATOR



**DEPINDER SINGH KAPUR**

Director,  
Water Programme,  
Centre for Science  
and Environment

### EXPERTS FOR THE WEBINAR



**PROF. VENKATESH DUTTA**

School of Earth and  
Environmental Sciences  
(SEES), Babasaheb  
Bhimrao Ambedkar  
University (A Central  
University) Lucknow (UP)



**PROF. SHASHANK SHEKHAR**

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of Geology  
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### WEBINAR COORDINATOR

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