

# CSE 2<sup>nd</sup> Online Impact Workshop cum Master Class on **Capacity Building Initiative for Citywide Water & Sanitation Management**



**2ND ONLINE IMPACT WORKSHOP CUM MASTER CLASS ON**

**CAPACITY BUILDING  
INITIATIVE FOR CITYWIDE  
WATER AND SANITATION  
MANAGEMENT**

**DATE: AUGUST 11-12, 2021**  
**PLATFORM: ZOOM**



# Registration Statistics

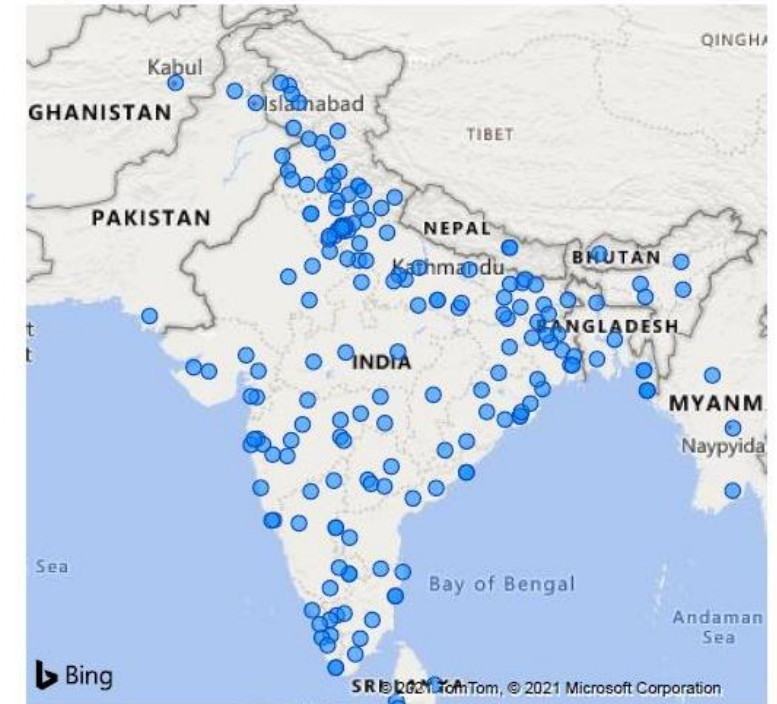
CSE - SWW IMPACT WORKSHOP - 2021

567 Registrations from 251 cities across 31 countries

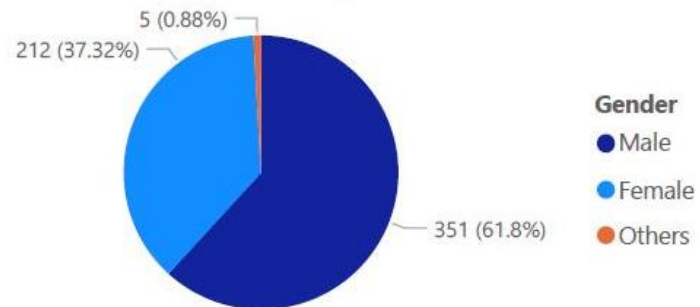
Country/Region



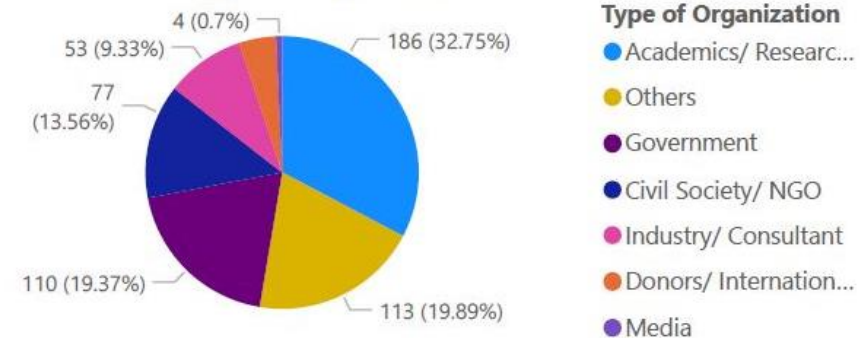
City



Gender



Type of Organisation

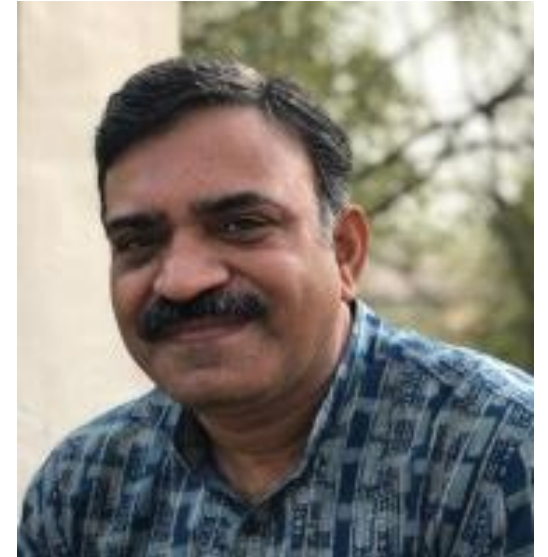


## *Dr Suresh Kumar Rohilla*

Senior Director, Centre for Science and Environment (CSE),  
Academic Director, School of Water and Waste, AAETI

Dr Rohilla, with over 25 years of work experience, leads the water programme at CSE, New Delhi. He is Head of the CoE in Urban Development Sustainable Water Management Area of the Ministry of Urban Development and the National Key Resource Centre of the Ministry of Drinking Water Supply and Sanitation, Government of India. He is recipient of the British Chevening Indian Young Environmental Manager Fellowship (2001), Fulbright Nehru Environmental Leaders Programme Fellow (2012) and Government of Netherlands Fellowship (2014). He has been an affiliated Visiting Professor / Researcher at University of California – Berkeley in U.S.A.

He holds a doctorate from Queen's University Belfast, Northern Ireland.



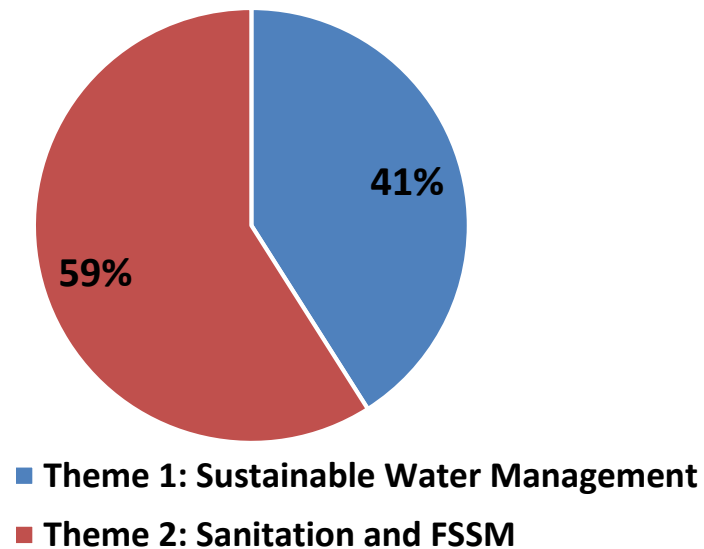
**Total Training Programmes**

**230**

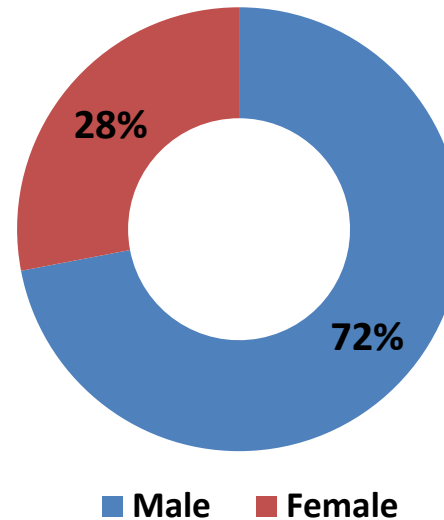
**Total Participants**

**7000+**

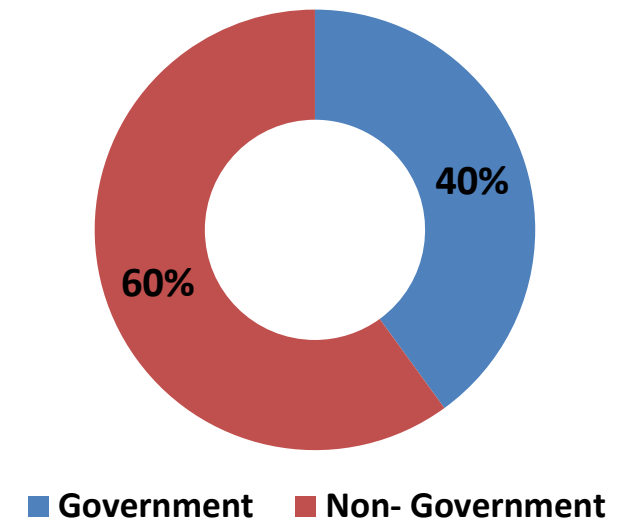
**Participation Distribution**



**Gender Ratio**



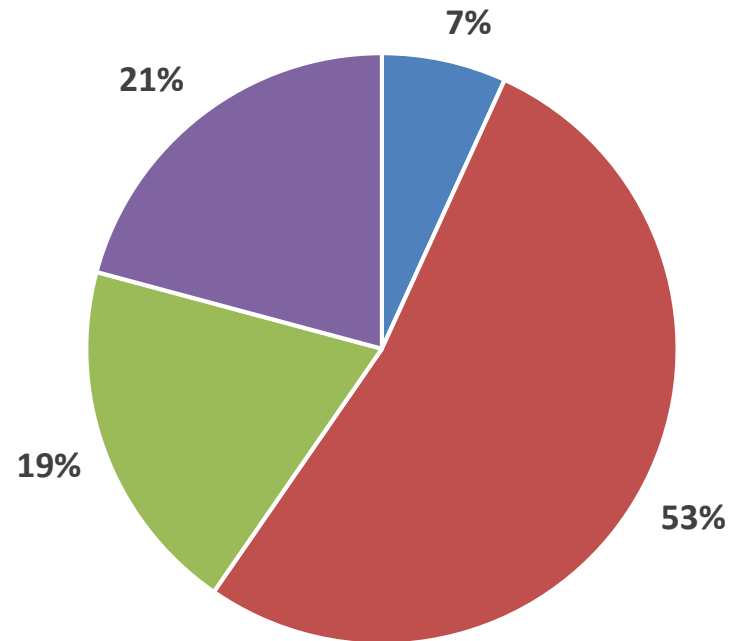
**Type of Organization**





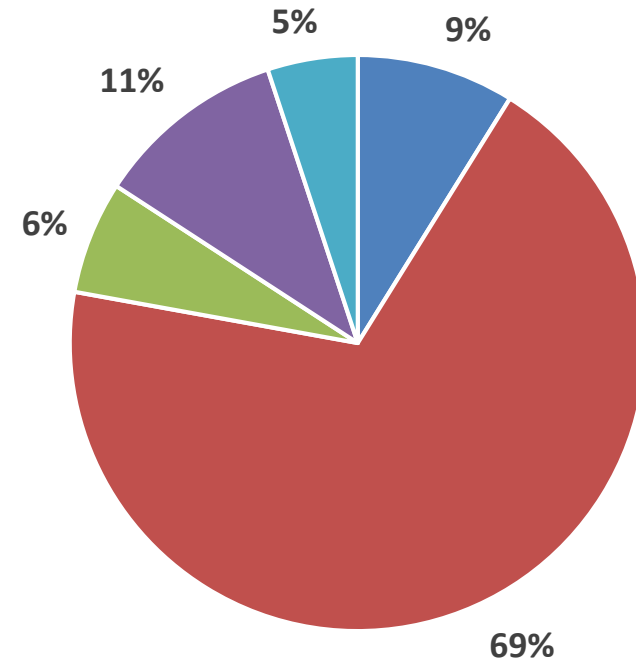
# CSE Water Programme Alumni Factsheet 2005 – 2021

## WATER THEME TRAININGS 2005-2021



■ ULM ■ RWH ■ Water Management ■ WSUDP

## FSM & SANITATION TRAININGS THEME 2005 - 2021



■ CSP ■ DWWTs+ FSM ■ Others ■ SFD ■ T&A

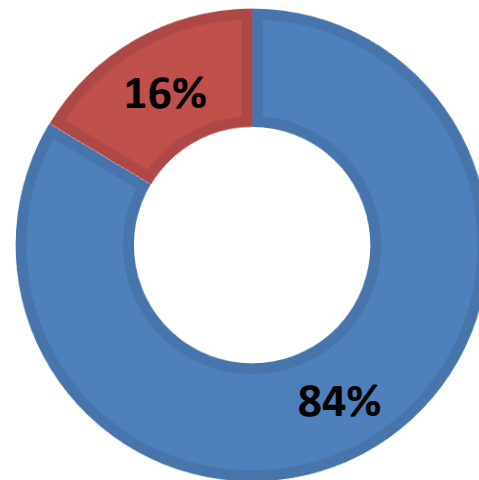
# CSE Water Programme Alumni Factsheet 2018 – 2021

## School of Water and Waste Trainings: 2018- 2021

<b>Total Training Programmes</b>	<b>68</b>
<b>Total Participants</b>	<b>2206</b>

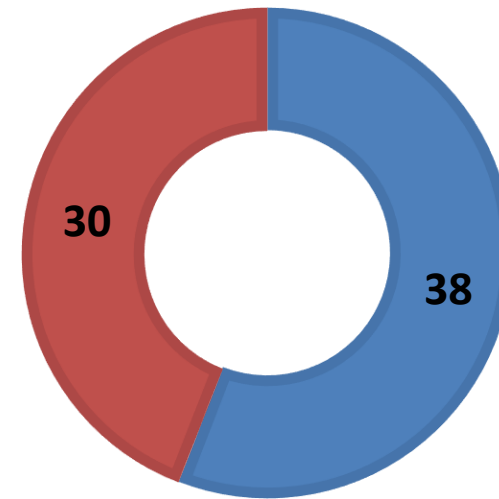
<b>Residential Participants</b>	<b>362</b>
<b>OLC Participants</b>	<b>1844</b>

PARTICIPANTS DISTRIBUTION IN  
TRAININGS



■ Online ■ Residential

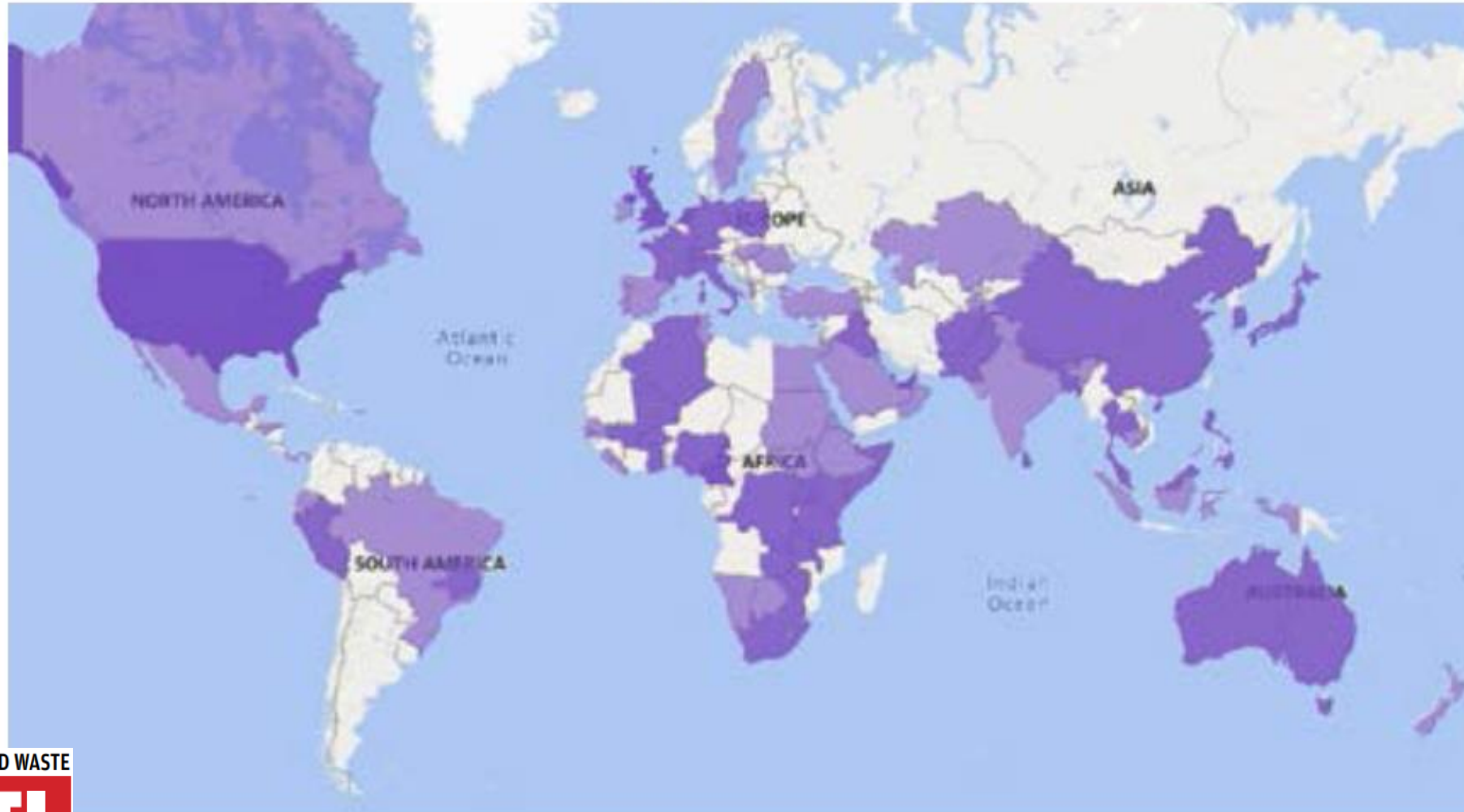
COURSE TYPOLOGY



■ Online ■ Residential

# 900+ cities across 57 countries

## 57 COUNTRIES COVERED

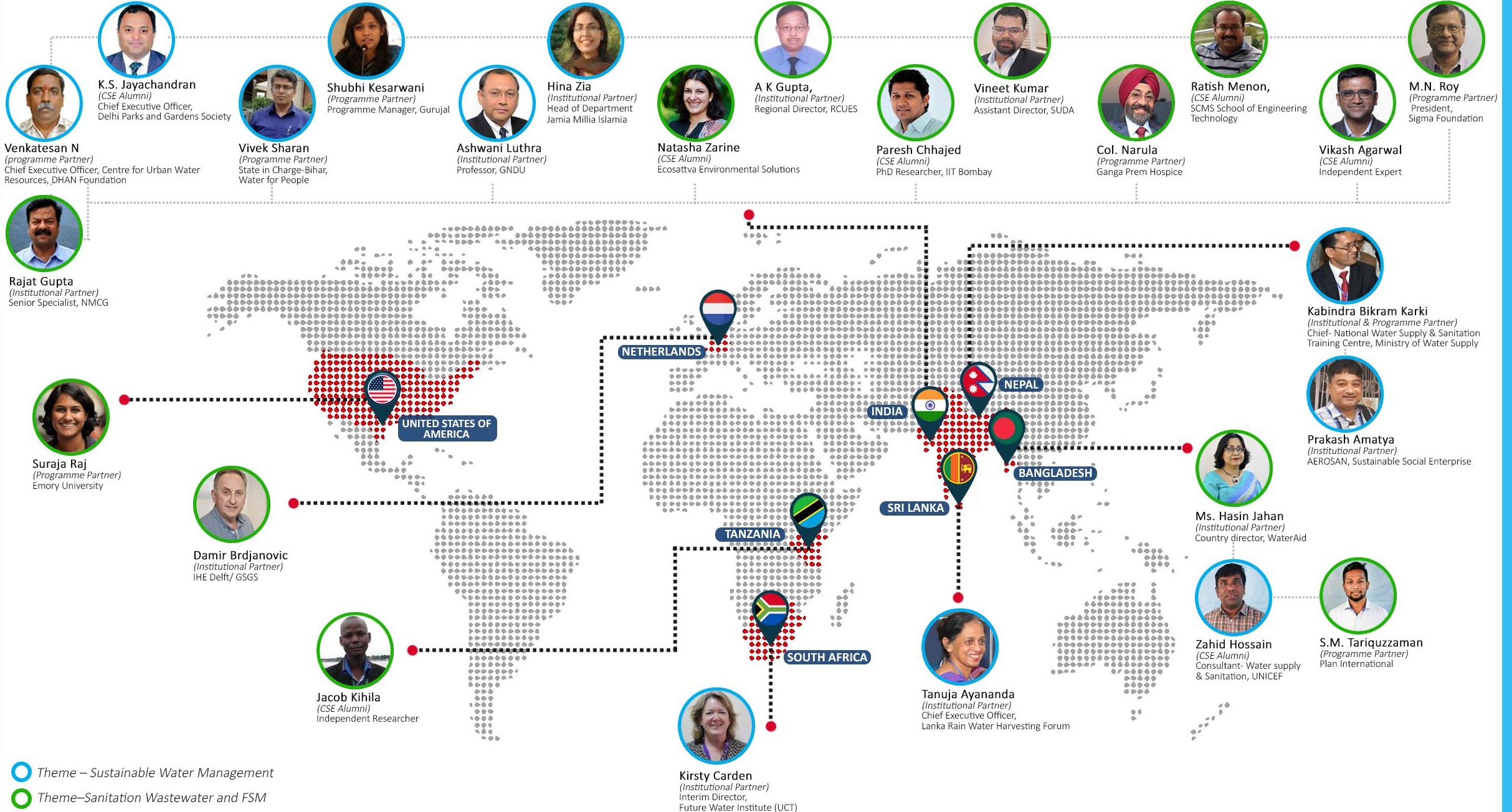


## 700+ CITIES IN INDIA

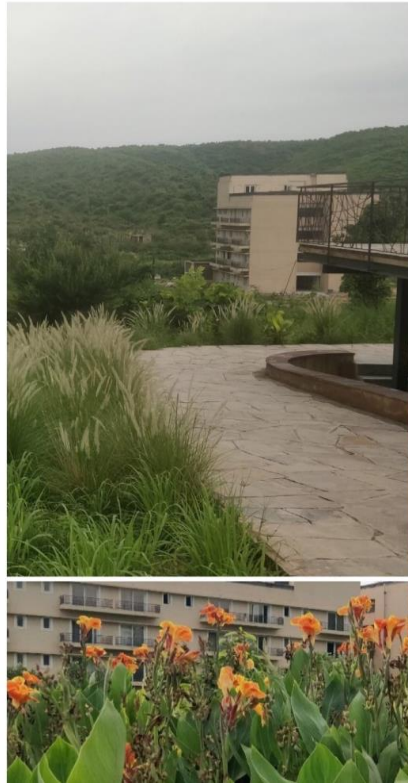




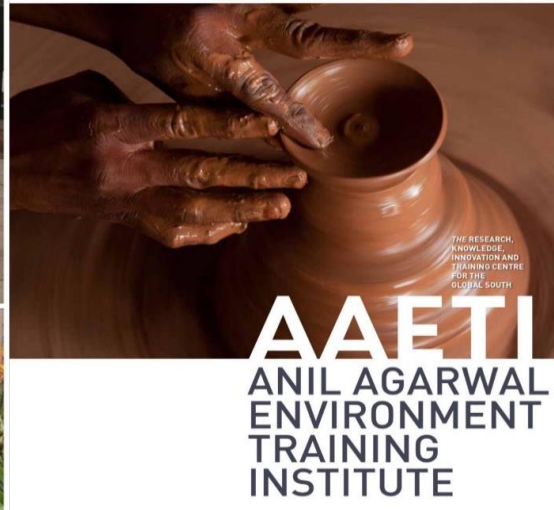
# Impact Workshop Speakers







School of Water and Waste



**A teaching - learning and innovation centre** that is designed to find appropriate and **affordable** solutions for key problems of **India and the global south**.



# School of Water & Waste Aim & Objectives



- Working with identified partners / multipliers both state and non – state for past **15 years and beyond** with **7000+ alumni**

**Developing a demand driven research, capacity building and awareness creation programme.**

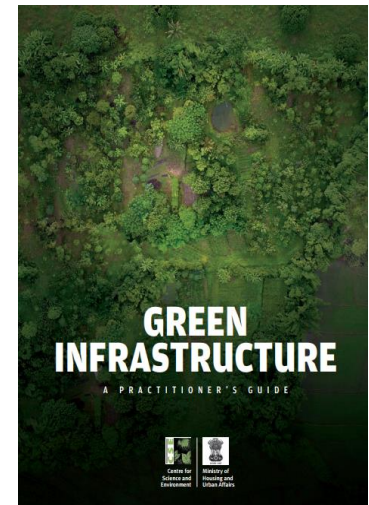
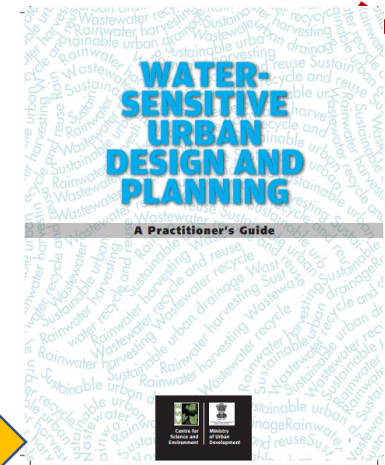
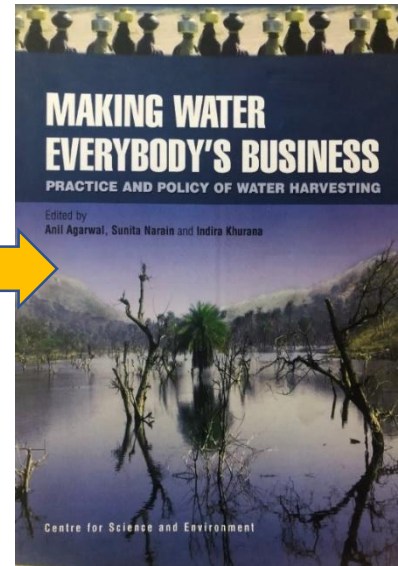
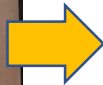
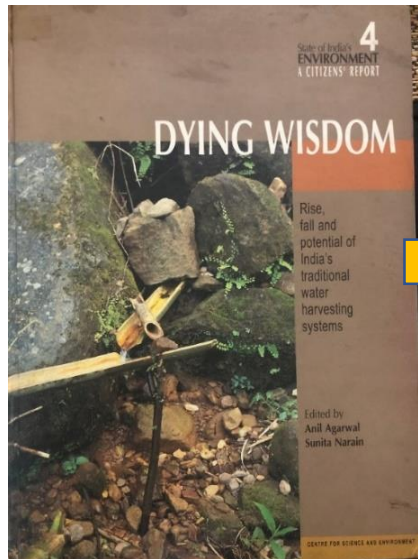
*.... aimed at mainstreaming designing and implementing affordable and sustainable citywide sanitation (incl. water) for all .*

# Training and Capacity Building Activities

- Short Training
- Exposure Visit
- Webinars
- Online Courses
- Knowledge Conclave
- Off Site Tailor made Training
- Alumni Networking Meeting
- **800 + fellowships (2017-21)** both International and National. Cover flight, Accommodation and Training fees.
- **Participants from Global South - Africa get priority**



# CSE Research :The current paradigm – Water Supply



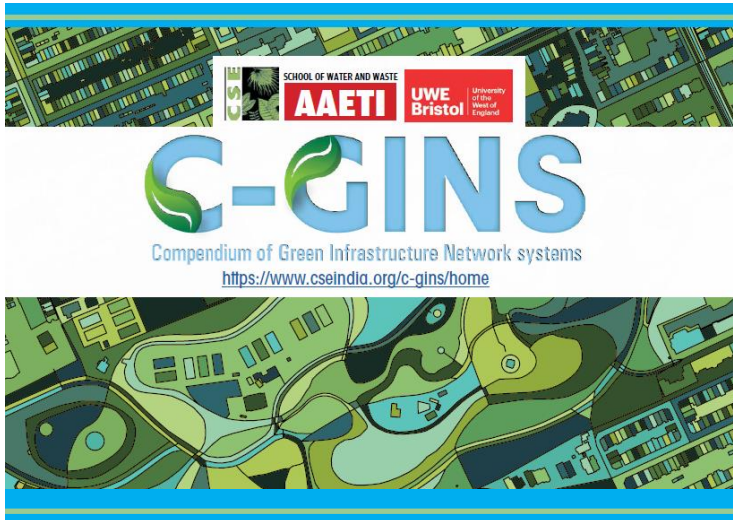
# CSE Research :Toolkit for Sustainable Water Management





# Toolkits for Water & Sanitation Sensitive Design and Planning

## C GINS



### What is C-GINS?

C-GINS (Compendium of green infrastructure network systems) is the repository for best practices, projects and approaches in support of Green Infrastructure (GI) and Water Sensitive Urban Planning (WSUDP) principles. C-GINS is an open platform where the latest thinking on natural capital, ecosystem services and nature-based solutions is brought together.

It provides a knowledge marketplace, which showcases case examples of GI and WSUDP to simplify how we share, obtain and create knowledge to better manage our urban environment. Each of the case examples provides an overview of the intervention, timeline, authorities/stakeholders involved in the project, outcomes and learnings tips for user education. The preference for sustainable technologies is mainly due to CSE's continuous motivation towards usage of sustainable and environmentally harmonious interventions.

You may visit C-GINS at <https://www.cseindia.org/c-gins/home>

### How to use C-GINS

With an objective of disseminating knowledge and good practices for sustainable water management, the particular case study can be explored on C-GINS on the basis of:

- Geographic location with the interactive map
- Scale of intervention
- Water management objectives

Further you can discover in detail with the help of filters provided. In case you are confused between the meanings of the terms use the glossary, in case you are not, you can move on to search.

### Explore by scale



## MOUNT



### What is MOUNT?

MOUNT is an aggregator platform for various sustainable technologies, encouraging and disseminating knowledge and good practices for wastewater management. The preference for sustainable technologies is mainly due to CSE's continuous motivation towards usage of sustainable and environmentally harmonious technologies.

### How can I use MOUNT?

As MOUNT is a technology aggregator platform which can be used by engineers, planners, environmentalist and all related practitioners. The technologies have been categorized into 4 technological heads on the basis of parameters as listed on the last page. Under the 4 technological heads there are 19 sub technologies which can be searched in three different ways:

#### 1. Search by technology



**Decentralized treatment**  
A facility where domestic wastewater (both black and grey water) is treated close to the source at community or institutional scale to allow for safe local reuse or disposal of generated effluent.



**Onsite treatment**  
A facility (it may include user interface as well) that, in absence of sewerage network, collects and fully/partially treats the black water to allow for safe reuse or disposal of generated effluent.



**Faecal sludge treatment**  
A facility where the septage and/or faecal sludge is received (by vacuum trucks or otherwise) as an input and gets fully treated to allow for safe reuse or disposal of generated output (both solid and liquid).



**In-situ treatment**  
A facility where interventions are done at the receiving waterbody (like lakes, ponds and rivers) and/or open drains/nullahs itself for rejuvenation of the receiving water bodies.

## SANI-KIT



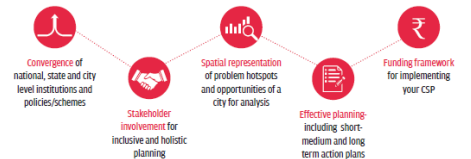
### WHAT IS SANI-KIT?

SANI-KIT is a web-based portal which offers a comprehensive collection of essential tools to enhance the capability of urban local bodies in India to prepare a high quality, city owned city sanitation plan (CSP).

#### OBJECTIVES OF SANI-KIT:

- To serve as a one-stop database for tools/guidelines on preparing CSPs
- To serve as a road map for ULBs which systematically guides them with the stages and activities required for preparing and implementing a CSP.

SANI-KIT ensures that your CSP highlights:



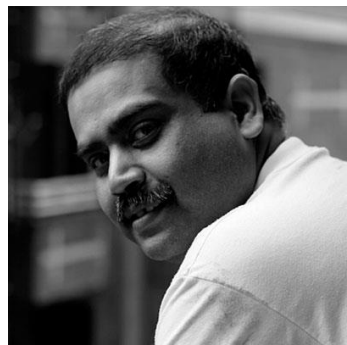
VISIT: <https://www.cseindia.org/sanikit/index.html>

# Jury Panel for the Impact Workshop cum Master Class



**Aditya Batra**

Senior Director  
Board & Funding,  
CSE



**Souparno Banerjee**

Senior Director  
Media Resource  
Centre, CSE



**Rajneesh Sareen**

Director  
Sustainable  
Buildings  
Programme, CSE



**Nivit Kumar Yadav**

Director  
Industrial Pollution  
Unit, CSE



**Atin Biswas**

Director  
Solid Waste  
Management, CSE

- Top 10 impactful alumni will be awarded a Certificate as “Water Champion”
- Top 10 impactful alumni stories will get a full fellowship to attend a 3-day residential training cum knowledge conclave at AAETI.



THANK YOU