



National Institute of Urban Affairs



Sanitation Capacity
Building Platform



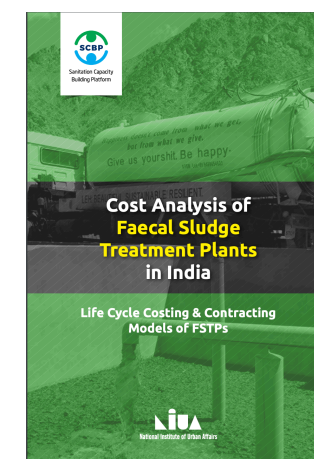
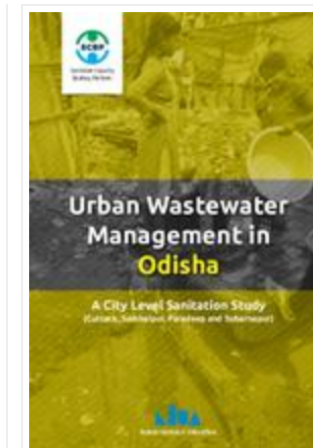
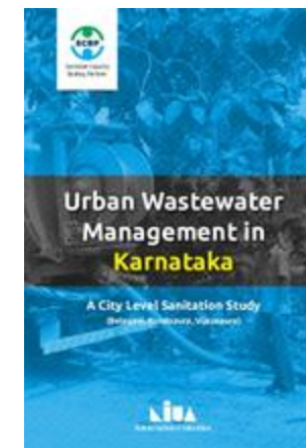
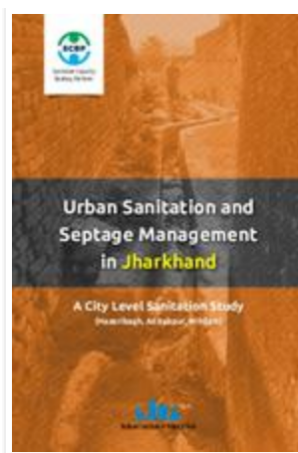
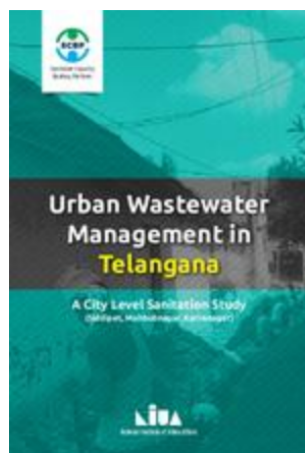
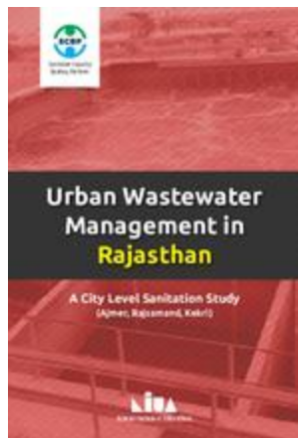
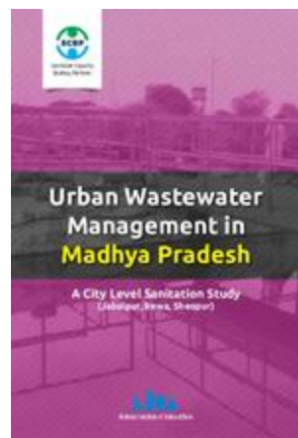
Urban Sanitation : Prioritizing Research Areas for FSSM

E Meeting with National Nodal Training Institutes

12th May 2020

Invitees to this E Meeting

S. No.	Name	Organization
1	Srikanth Mutnuri	BITS, Pilani
2	Pratap Raval	CoEP, Pune
3	Sanghamitra Acharya	JNU
4	Mahesh Kumar Jat	MNIT Jaipur
5	Rajeshwari Raina	Shiv Nadar University
6	Kajri Mishra	Xavier University Bhubaneswar
7	Pritpal Singh Randhawa	Independent Researcher
8	Indira Pancholi	Independent Researcher
9	Rahul Banerjee	Independent Researcher
10	Vishwanath Srikantaiah	BIOME
11	Kavita Wankhade	IIHS, Chennai
12	N C Narayanan	IIT Mumbai
13	R Murali	Modern Architects For Rural India (MARI)
14	Renju R Pillai	KILA
15	Dhawal Patil	ECOSAN Services Foundation
16	Mona Iyer, Dinesh Mehta	CEPT University
17	Shaswat Bandyopadhyay, Meera Mehta	CEPT University
18	K J Joy	SOPPECOM



Purpose

To explore urban sanitation and FSM challenges for India. With the purpose of contributing to the developing a body of knowledge that will serve the larger Urban Sanitation Sector in India and abroad.

Research Methodology Adopted in Phase 1

1

Literature review

- Review of literature on alternative wastewater disposal and management in India and other countries to arrive at possible remedial measures.
- Study of Town Plans, Detailed Project Reports and Performance Reports of various projects proposed or undertaken with funding from the Asian Development Bank (ADB), Jawaharlal Nehru National Urban Renewal Mission (JNNURM), Atal Mission for Rejuvenation and Urban Transformation (AMRUT) and other bilateral or donor agencies, as applicable.
- Analysis of the annual budget documents of the concerned municipal bodies and the State Government and the actual operation of the various departments concerned with wastewater management including Faecal Sludge and Septage Management

2

Primary data

- In-depth interviews with key informants in the Government, private sludge operators, contractors, ULB officials, elected representatives and from civil society
- Group discussions with Residents Welfare Associations, residential committees and other communities, especially those residing in poverty pockets in the core city

3

Laboratory testing of surface water, ground water and potable water

Justify the selection of the 3-4 towns in a state. Justify on the basis of their suitability to study. The proposal should list down the secondary data to be reviewed as input to the study, the criteria for shortlisting the 3-4 towns of the study, primary data collection and interviews, analysis of using any tools or frameworks, how the water testing will be done and how will the report format look like.

Thematic Research areas : for discussion

01

Waste

Defining waste

Characterization of waste as a conceptual construct

02

Town Planning

Inclusive and community centric planning,

Master Plan, Regional Plans and City Development Plans and emerging urban sanitation and water priorities

03

Urbanization

Effect of urbanization, water availability & sanitation services

Affordability of urban water and sanitation services & impact of subsidy and free water supply.

04

Technical

Sludge characterization, Available technologies for treatment of sludge and septage

Grey water treatment

Effective usage of the treated water and sludge for F/STP

05

Standards

Norms and Standards for FSSM across different cities and states.

Hurdles to integration FSSM in the new priorities of government

06

Social inclusion

Gap identification between official planning the community needs

Sanitation and Gender Inclusion
Inclusion of children or vulnerable populations

07

COVID/Emergency response

Impact on sanitation services, city level response system

Major challenges (managerial, financial, safety, social security etc)

08

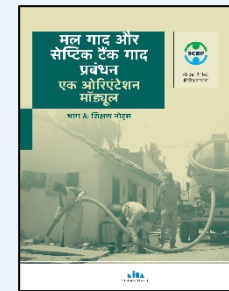
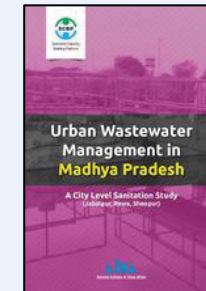
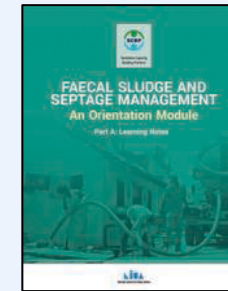
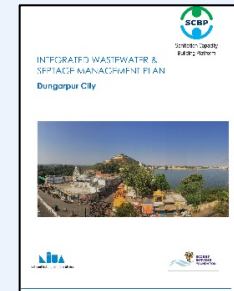
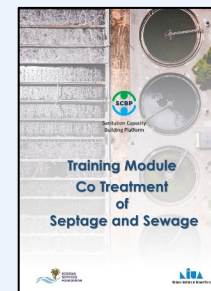
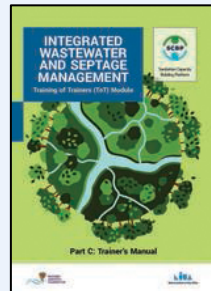
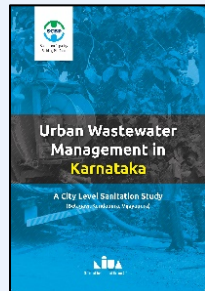
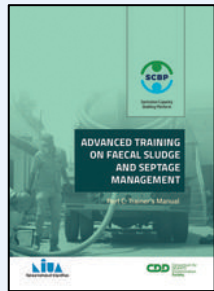
Municipal Financing

Municipal Financing and the Urban Sanitation imperative

Way Forward

- Prioritization of Research and Documentation – issues/topics
 - Can we discuss in groups after this telecon
- Anchoring this work
 - with one organization or
 - bidding for all research topics individually
- Exploring any other collaborations
 - Organising Lectures on some topics : for NIUA and Nodal Training Institutes
 - Creating a platform for information sharing
 - Some Workshops or short E Discussions

All learning materials available on scbp.niua.org



The image shows a water treatment facility with several large circular tanks. The water in the tanks is a turbid, yellowish-brown color, indicating it is being treated. The tanks are surrounded by concrete structures and metal railings. A large, semi-transparent blue overlay covers the center of the image, with the text "Thank you" written in white. The overlay is bordered by two white diagonal lines. In the top right corner, there is a small white square.

Thank you