

**Proceedings of
National Workshop on the occasion of World Water Day
Theme: Sustainable and Inclusive Sanitation and Water for All**

Date: 21st and 22nd March 2023

Time: 09:30 am onwards

Venue: Auditorium, Urban Training and Research Centre and Local Bodies Directorate, Lucknow, Uttar Pradesh

To commemorate World Water Day 2023, the Department of Urban Development (DoUD) UP and Centre for Science and Environment (CSE) jointly organized a two-day national workshop: "Sustainable and Inclusive Sanitation and Water for All' on 21-22 March 2023. The workshop's aim and objective was to share the journey of this progress in UP and to learn from other states for their work in sustainable and inclusive sanitation and water management. The workshop discussed and deliberated on policy and program actions and priorities for a successful transitioning from infrastructure provisioning to sustainable and inclusive sanitation. The workshop was attended by around 400 participants which includes officials from Municipal Corporations, Nagar Palika Parishad, Jal Kal and Jal Nigam, IWMI, Water Aid, DASRA and other sector experts. The workshop brought together experiences from other states in India and discussions on thematic topics - to make this a learning event for all. External speakers include seven government officials from CPHEEO MoHUA, Odisha, Maharashtra, and NMCG. Eight sector experts from WASHi, CWAS-CEPT University, IIHS, UMC, CDD, ACWADAM, and Bhimrao Ambedkar University Lucknow.

Day 1 started with the watering the plant by Mr. Kaushal Kishore, Hon'ble Minister of State, MoHUA. Ms. Neha Sharma (IAS), State Mission Director, SBM, GoUP gave the welcome address and set the context for the workshop. Mr. Depinder Singh Kapur, Director – Water Programme, CSE outlined the overall structure and objective of the workshop. Mr. Kapur said, "In Uttar Pradesh, around 95 per cent of its cities and towns are totally dependent on non-sewered sanitation systems. This makes sustainable, inclusive and scientific management of faecal sludge and septage a priority for UP." The workshop included discussions on Used-Water Management, Faecal Sludge and Septage Management, Citywide Inclusive Sanitation and Surface & ground water management. Followed by this, Mr. Kaushal Kishore, Hon'ble Minister of State, MoHUA and Ms. Neha Sharma (IAS, State Mission Director, SBM, GoUP) and Mr. Depinder Singh Kapur (Director – Water Programme, CSE) launched the two research reports prepared by CSE with support of DoUD:

- Operation and Maintenance Cost of Faecal Sludge Treatment Plants in Uttar Pradesh
- Ease of Septage Management Tool

Hon'ble Minister stressed on the need of reviving water bodies and commended the work being undertaken by Uttar Pradesh under Amrit Sarovar initiative. He also highlighted the importance and urgent need of rain water harvesting at individual level to save water.

First session on 'Approach and strategies for used water management under SBM 2.0' was moderated by Mr. Anil Dhingra (IAS), Managing Director, UP Jal Nigam (Urban). Mr. Dhingra highlighted the 'Opportunities and Challenges in implementing SBM 2.0 in UP'. The used-water management and septage management is the key focus under SBM (U) 2.0. Dr. V K Chaurasia, Joint Adviser, CPHEEO, MoHUA shared the 'Strategies of Planning & Implementation of UWM projects under SBM (U) 2.0. The session was accompanied by Mr. Sathishkumar S, Assistant Adviser, CPHEEO, and MoHUA who talked on 'Technologies for Used Water Treatment in Medium & Small Towns'. Grey water management is a major challenge in many small and medium towns. Mr. Rajesh Pai, Senior Technical Expert, WASH Institute share various methods and case studies and their applicability in small and medium towns. During the discussion of used-water session, officials from several towns shared concerns regarding land availability challenge, high cost of setting up Sewage Treatment Plants that small towns are unable to pay for O&M. Therefore there is a need for decentralized and small scale treatment systems for faecal sludge and grey water in small towns of UP. CPHEEO shared a Ready Reckoner of technical and systems that priorities electro mechanical systems of Sewage Treatment Plants (STPs) - however basic challenges of UP towns shared by their officials are, in managing their septage and waste water, not in setting up new STPs.

With the start of second session on Faecal Sludge and Septage Management, Ms. Neha Sharma (IAS), State Mission Director, SBM, GoUP presented the 'Septage management: Journey of UP'. Ms. Neha also highlighted the 'Ease of Septage Management Tool', a star rating tool that assesses and ranks towns and cities to improve their septage management services in an incremental manner, to attain higher level outcomes, in a way that equity in access of sanitation services is achieved. Followed by this, Mr. Prashanta K Mohapatra, Engineer-in-Chief, Odisha Water Supply and Sewerage Board, presented the innovative approach taken in Jatani and Dhenkanal town of localized/decentralized used water management. Karad Municipality in Maharashtra has been doing reuse of treated sewage since past 3-years. Dr. Ramakant, Executive officer Karad Municipality, Maharashtra presented the case study of reuse of treated sewage and its scalability in other towns. Towards the end of the second session, Mr. Pavan Kumar, CSE shared the key findings of the research study conducted by CSE on 'Operation & maintenance costing, sustainability challenges and recommendations- FSTPs in UP'.

Third session, moderated by Mr. Depinder Singh Kapur, Director – Water Programme, CSE, focused on city wide inclusive sanitation. Mr Depinder highlighted that the "state's poor are largely dependent on on-site sanitation systems, therefore, providing an effective and affordable septage management system will generate significant social, environmental and public health outcomes". The session included various initiatives taken by Maharashtra ('State wide scale up of FSSM in Maharashtra' by Ms. Arwa Bharmal, CWAS-CEPT University), Tamil Nadu ('Tamil Nadu experience of inclusive sanitation and way forward' by Mr. Niladri Chakraborti, Indian Institute for Human Settlements), and Odisha ('Role of SHGs in sanitation service delivery under the DAY-NULM and SBM convergence' by Ms. Pranati Das, Urban Management Centre). The session deliberated on the safety and welfare of sanitation workers, inclusion of marginalized people, and engagement of Self-Help Groups across the sanitation service chain and the need of their capacity building. Ms. Neha Sharma closed the day 1 of the workshop by summing up the highlights of various sessions, and thanking the speakers and officials from different states.

Day 2 started with the watering the plant by Mr. Durga Shankar Mishra (IAS), Chief Secretary, GoUP. The State Mission Director (AMRUT), Mr. Ranjan Kumar (IAS) delivered the welcome address and set the context for day 2 by highlighting the sustainability aspects of treatment plants. Mr. Amrit Abhijat (IAS), Principal Secretary, DoUD, GoUP shared the UP state's vision of water and sanitation with support from SBM 2.0, AMRUT 2.0. Followed by this, Mr. Durga Shankar Mishra (IAS, Chief Secretary, GoUP), Ms. Sunita Narain (Director General, CSE), Mr. Amrit Abhijat (IAS, Principal Secretary, DoUD, GoUP), Mr. Ranjan Kumar (IAS, State Mission Director, AMRUT, GoUP) and Ms. Neha Sharma (IAS, State Mission Director, SBM, GoUP), launched the three research reports prepared by CSE with support of DoUD:

- Septage Management in Chunar Town – Towards Inclusive Urban Sanitation in Uttar Pradesh
- Septage Management in Bijnor Town – Towards Inclusive Urban Sanitation in Uttar Pradesh
- Septage Management in Jhansi Town – Towards Inclusive Urban Sanitation in Uttar Pradesh

The Chunar and Bijnor reports are a process documentation of how to do successful FSM work in small and medium-sized town. The Jhansi report showcases a successful integrated water and septage management work done by the town.

Mr. Durga Shankar Mishra (IAS, Chief Secretary, and GoUP) talked about the importance of water and water day in our life. He inaugurated the 7 day campaign to improve 75,000 public toilets, initiated by Department of Urban Development, UP. The Uttar Pradesh Chief Secretary reiterated the India's commitment to both water and sanitation management and paradigm change since 2014 when Hon'ble Prime Minister made a commitment for transforming India and made sanitation a public movement. Ms. Sunita Narain (Director General, CSE) highlighted the impacts of climate change to our planet and the urgent need of joint efforts towards mitigating the impacts. Commending Uttar Pradesh for tackling the challenge of providing sustainable and inclusive sanitation, Ms. Sunita said even as the United Nations has launched a global campaign called 'Be the Change' to mark the World Water Day, India is already showcasing real action on the ground and it is led by Uttar Pradesh.

Session 4 of the workshop on 'Challenges to surface and ground water' was started with presentation by Mr. Ranjan Kumar (State Mission Director, AMRUT, and GoUP). Mr. Ranjan underlined the UP's achievements under AMRUT and plans for AMRUT 2.0. The session was taken forward by Ms. Nidhi Dwivedi from NMCG and shared the NMCG's support, achievement and challenges for making Ganga clean through wastewater and septage management. Followed by this, Mr. Siddharth Patil (ACWADAM), Prof. Venkatesh Dutta (Bhimrao Ambedkar University), and Mr. P G Ganapathy (CDD Society) discussed and deliberated on the ground water issues and concerns, restoration of rivers and ponds and possible solutions to urban water resource management.

At the end of the workshop, Hon'ble Urban Development Minister, UP, Mr. Arvind Kumar Sharma inaugurated the 25 Faecal Sludge Treatment Plants (FSTPs) and 10 Co-treatment plants. These plants were constructed under AMRUT with technical support of CSE. Urban Development Minister Arvind Kumar Sharma said: "World Water Day and our deliberations and discussions on this day are important because we are living today in a time of great crisis in terms of water – a crisis of availability and access, of quality, of lack of sanitation and proper wastewater management, and upsetting of the water cycle due to climate change."

The workshop was concluded by State Mission Director (SBM) Ms. Neha Sharma. She expressed her gratitude to Hon'ble Urban Development Minister and other dignitaries. Ms. Neha recognized the time devoted and interest shown by the participants throughout the workshop. The support provided by the CSE and efforts for organizing the workshop was well acknowledged by the State Mission Director.

Post this workshop, around 50 participants visited the Co-treatment facility at Bharwara STP, Lucknow, organized jointly by DoUD and CSE.

Glimpse of the workshop





















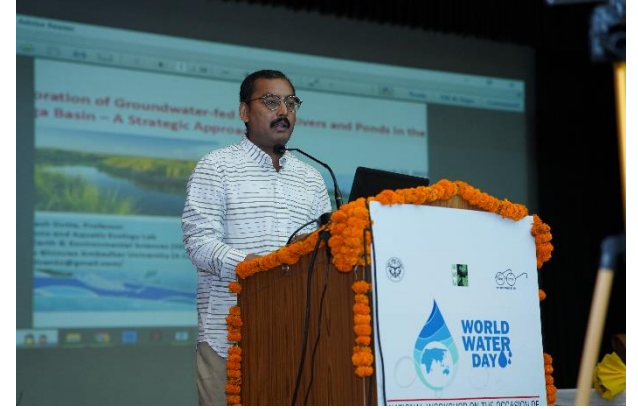
Entry ONLY BY INVITE

NATIONAL WORKSHOP ON THE OCCASION OF
WORLD WATER DAY
SUSTAINABLE AND INCLUSIVE
SANITATION AND WATER FOR ALL

Date: MARCH 21-22, 2023
Time: 09:30 AM ONWARDS
Venue: M. URBAN TRAINING CENTRE AND LOCAL DISTRICT OFFICE, LUCKNOW, UTTAR PRADESH

Mr. Anil Kumar Singh, Joint Secretary, DSD, GUPP
Ms. Divya Srivastava, District Engineer, DSD
Mr. Durga Shankar Mishra, Joint Secretary, GUPP
Mr. Rajesh Kumar Singh, Joint Secretary, DSD, GUPP







अमृत योजना के अंतर्गत
प्रदेश के 06 नगर निगमों एवं 04 नगर पालिका परिषदों में
25/50/100 के. एल. डी. क्षमता के कुल 10 कोर्टीटमेंट प्लॉट का
लोकार्पण

श्री ए. के. शर्मा

माननीय मंत्री, नगर विकास एवं ऊर्जा विभाग, उत्तर प्रदेश
के कर कमलों द्वारा दिनांक : 22 मार्च, 2023 को सम्पन्न हुआ।

गरिमामयी उपस्थिति :-

श्री राकेश राठीर गुरु
माननीय नगर विकास राज्य मंत्री
उत्तर प्रदेश

श्रीमती नेहा शर्मा
निदेशक, नगरीय निकाय निदेशालय
उत्तर प्रदेश

श्री अनिल डीगरा
प्रबंध निदेशक
उत्तर प्रदेश नगरीय

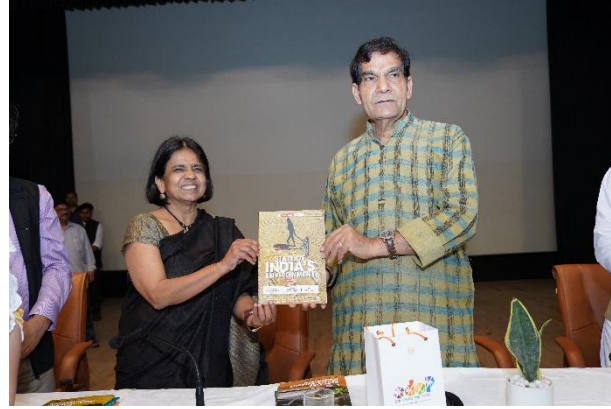
श्री रंजन कुमार
राज्य मिशन निदेशक, अमृत
उत्तर प्रदेश

श्री अमृत अग्रवाल
प्रमुख सचिव, नगर विकास
उत्तर प्रदेश

श्री दुर्गा शंकर मिश्रा
मुख्य सचिव
उत्तर प्रदेश









Site Visit to Co-treatment facility at Bharwara STP, Lucknow



जीवन के लिए जल संरक्षण बहुत जरूरी: मुख्य सचिव अभियान

अभियान

लखनऊ, विशेष संवाददाता। मुख्य सचिव दुर्गा शंकर मिश्र ने कहा है कि जल के बिना जीवन नहीं है। जल हमारे जीवन में बहुत ही उपयोगी है, इसलिए इसका संरक्षण बहुत जरूरी है। उन्होंने बुधवार को यह बात स्थानीय निकाय निदेशालय में विश्व जल दिवस पर आयोजित राष्ट्रीय कार्यशाला का उद्घाटन करते हुए कहा। इस मौके पर सात दिवसीय 75000 अभियान की शुरुआत की गई।

उन्होंने कहा कि प्रधानमंत्री ने वर्ष 2047 तक भारत को विकसित देश बनाने का संकल्प लिया है। उन्होंने



दुर्गाशंकर मिश्र, मुख्य सचिव

शहरों को स्वच्छ बनाने के लिए सीवरेज सिस्टम को बेहतर बनाने के साथ इस्तेमाल जल को ट्रीटमेंट करते हुए शुद्ध जल में परिवर्तित करने पर जोर दिया। सेंटर फॉर साइंस एंड एंवायरमेंट (सीएसई) की निदेशक जनरल सुनीता नारायण ने कहा कि प्राचीन भारत में पानी के सफाईप्रयोग के प्रमाण देखे जा सकते हैं।

स्वच्छता में योगदान देने के लिए नौ श्रेणी में 27 नारी शक्ति को किया गया सम्मानित : ए.के. शर्मा

जल संरक्षण एवं शुद्धता के लिए जन जागरूकता जरूरी: दुर्गा शंकर मिश्र



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शुद्ध जल के लिए स्वच्छ वातावरण जरूरी

नगर विकास मंत्री ने किया 25 एकएस्टपी व 10 को-ट्रीटमेंट प्लांट का लोकार्पण



नगर विकास मंत्री ने किया 25 एकएस्टपी व 10 को-ट्रीटमेंट प्लांट का लोकार्पण। शुद्ध जल के लिए स्वच्छ वातावरण जरूरी। नगर विकास मंत्री ने किया 25 एकएस्टपी व 10 को-ट्रीटमेंट प्लांट का लोकार्पण। शुद्ध जल के लिए स्वच्छ वातावरण जरूरी। नगर विकास मंत्री ने किया 25 एकएस्टपी व 10 को-ट्रीटमेंट प्लांट का लोकार्पण। शुद्ध जल के लिए स्वच्छ वातावरण जरूरी।

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स्वच्छता में योगदान देने के लिए नौ श्रेणी में 27 नारी शक्ति को किया गया सम्मानित

जल संरक्षण एवं शुद्धता के लिए जन जागरूकता जरूरी: दुर्गा शंकर मिश्र



उन्होंने कहा कि प्रधानमंत्री ने वर्ष 2047 तक भारत को विकसित देश बनाने का संकल्प लिया है। उन्होंने

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जलाशयों का संरक्षण जरूरी : शर्मा

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