

September 2019 Issue.

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Activities taken-up by IWP in September, 2019 are as follows:

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- V. Capacity Building of Local Urban Bodies in Rajasthan on Integrated Urban Water Management to achieve Sustainable Development Goals.
- VI. Roundtable Discussion on Ganga Tributary Governance.
- VII. One day Introductory Training on “River Basin Management Cycle and Implementation : How to Protect and Improve Water Environment”

I. 6th India Water Week-2019.



Conceptualized and organized for the first time in 2012, the India Water Week is a regular forum where the Ministry of Water Resources, River Development & Ganga Rejuvenation, Government of India discusses, talks, strategizes with eminent stakeholders through seminars, exhibitions and sessions to build public awareness, to get support to implement key strategies for conservation, preservation and optimum use of available water. The 6th India Water Week (IWW-2019) was organized from 24th to 28th September, 2019 at Vigyan Bhawan and Indira Gandhi National Centre for Arts, New Delhi with the theme "Water Cooperation – Coping with 21st Century Challenges" focusing on need and importance of water use across all sectors.

India Water Partnership, which been a part of the organising and technical committee along with others facilitated the India Water Week-2019 Secretariat in organizing a Panel Discussion which was held on 25th September, 2019 on the topic of "Re-orienting the Water Education to Address the Water-Related Challenges".

The Panel Discussion was chaired by Mr A. B. Pandya, former Chairman, Central Water Commission and Secretary General, International Commission on Irrigation and Drainage, India and co-chaired by Mr M. E. Haque, former Member of Central Water Commission and former Commissioner (Policy and

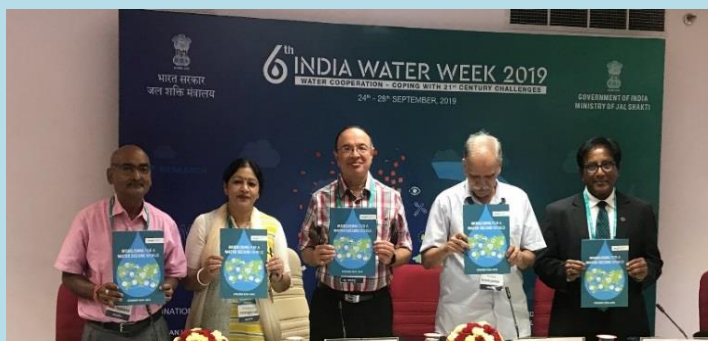
Planning), Ministry of Jal Shakti, Department of Water Resources, Government of India, in the presence of eminent speakers Er. Yogesh Paithankar, Chief Engineer, National Water Academy, Dr. Yella Reddy, Dr. Ashish Pandey, Associate Professor, Dept. of Water Resources – IIT Roorkee, Dr. Sumant Pande, Assistant Professor, Yashada, Pune, Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP, Dr. Partha J. Das, Head - Water, Climate & Hazard Division, Aaranyak and Mr. Ghanshyam Jha, former Chairman, Central Water Commission.

The aim of the panel discussion was to address the need of a holistic water education system for sustainable development, re-orienting the existing water education system and developing a platform for academia, scientists, hydrologists and professionals to share their experiences and suggestions. The country's water resources face problems like increased water stress, erratic rainfall, soil erosion & sedimentation and anthropogenic causes. Thus, water education should be such that it goes beyond teachings of hydrology, designing of hydraulic structures and water planning and must be multi-sectoral and multi-disciplinarian.



The Chair, Co-Chair and other panellists at IWW 2019.

In the panel discussion the lead paper prepared by Mr A. C. Tyagi, Former Secretary General, ICID and Vice President, India Water Partnership, was presented by Dr. Veena Khanduri. The paper emphasized on education on Water Management and Water Balance through controlling demand and supply aspect of water use. The paper further addressed the need for a dialogue between Government, Society and Science as well as engaging different stakeholders for playing operational, advisory and informing role in the arena of water education system.



GWP Strategy 2020-2025 launched at IWW-2019.

The presentation was followed by the launch of GWP Strategy 2020-2025. The Strategy argues for agility and urgency. The purpose of the Strategy is to guide how the GWP network will work between 2020 and 2025. The Strategy operates at different levels and provides direction to various Country Water Partnerships and Regional Water Partnerships – outlining consistent thematic priorities and codifying distinctive approach of delivering change while allowing for autonomy and innovation. In capacity of a member

organization, Mr. Partha J. Das from Aaranyak was invited by IWP to present a paper at the panel discussion on **“Need of Holistic Water Education for Sustainable Development: Perspectives from the North-Eastern Region of India”**. The presentation addressed the water induced issues in the North-Eastern territories of India and how dissemination of proper water education to masses in general and the youth in particular could be useful in addressing the issues related to environment, conflict, climate change and sustainable development.

The discussion proceeded with presentations by various panellists addressing various challenges in water sector of the country like dearth of highly skilled manpower, declining supply of water with an unmatched non-proportional increase in water demand, mass exodus to urban and peri-urban areas, simultaneous droughts and flood and how these problems can be addressed and tackled through data management, data analysis, planning, designing, construction, quality control, operation and management, mass awareness and water governance.

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II. IWP at side event - “Changing minds on Drought Management: the Economic Case” United Nation Convention to Combat Desertification – Conference of Parties (UNCCD COP-14)

UNCCD-COP14 was organized in India from 2nd to 13th September, 2019 at India Expo Centre Greater Noida, Uttar Pradesh. 196 countries with over 5,000 participants participated during UNCCD-COP14 from across the globe. Environment Ministers from 94 countries were also present in the conference. The theme of the COP14 was “Restore land to sustain life”. Hon’ble Prime Minister of India, Mr. Narendra Modi inaugurated the High Level Segment (HLS) of UNCCD COP14 on 9th September, 2019 in the presence of heads of the UN and other international organizations, leaders of states and ministers from many countries. A side event “Changing minds on Drought Management: the Economic Case” was also organized by GWP and other partners on 11th September, 2019. From GWP side GWP Chair Howard Bamsey, Frederik Pischke, Senior Network Officer GWP Eastern Africa & GWP Southern Africa and Executive Secretary-cum-Country Coordinator, India Water Partnership, Dr. Veena Khanduri attended the side event. The side event was launched by the GWP Chair. Thereafter, the GWP Chair Howard Bamsey along with Executive Secretary-cum-Country Coordinator, India Water Partnership - Dr. Veena Khanduri launched the GWP Strategy 2020-2025 and GWP Chair explained to the audience about the GWP Strategy. In the panel discussion, Dr. Veena Khanduri spoke on **Multi-Stakeholder approaches for IWRM and Drought Management**. She discussed about the framework of Drought management which can help India to develop a proactive approach. She also highlighted that droughts affect 42 per cent of India’s land while another 6 per cent is exceptionally dry plane. Another session organized by GWP was on Drought Preparedness Day on the same day. This session was also attended by Dr. Veena Khanduri. Ms. Sudha Kumari, Research Associate, India Water Partnership attended these two sessions as a delegate.



GWP Chair, Howard Bamsey and Dr. Veena Khanduri during the panel discussion with other delegates

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III. Youth Fellowship for Water Champions Program

India Water Partnership in association with one of its partner organization Centre for Youth (C4Y) is promoting youth participation through Youth Fellowship for Water Champions by linking them to various organizations working in Water Resource Management and Climate Change. The selected fellows will undergo their internship and submit their learnings in form of report to IWP.

The Fellowship enrolls students from independent and government supported environmental academic institutes/water-specific academic institutions in Delhi-NCR. It aims to provide intensive engagement to youth as Fellows with India's premier environmental organisations working on water concerns on water smart solutions. In this month, following activities were conducted. The fellows of Cohort 1.0 were asked to develop the communication & documentation collaterals draft guidelines and share with the fellowship team. The fellowship team finalised the overall report format for the fellows based on the inputs emerged in the second progress mapping workshop from non-profit partners. The report from each fellow will be not more than 20 pages excluding pictures and annexures. The initial pages of the report will be for the cover page, fellowship outline, content page, acknowledgement & disclaimer, abbreviations, definitions and the executive summary. The focus of the report will be on the Water Smart Project for Delhi and National Capital Region undertaken by the fellows with the support from the respective partners. The Fellowship team will be facilitating development of the final draft reports and final draft communication & documentation collaterals by the Cohort 1.0 fellows. In the Third Progress Mapping Workshop, the fellows will share their final draft of communication & documentation collaterals and the final report.

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IV. Increasing Financial Access to Women Social Entrepreneur for Small Water Enterprise to improve Public Health.

The above program is being carried out by IWP in collaboration with its partner organization ICLEI -South Asia in Jaipur city to promote capacity building of local urban bodies. A training module was developed on Rapid Integrated Urban Water Management. The progress of above activities undertaken in September is as under:

The research team completed the field survey – six water stations led by SHGs and 4 water stations led by women entrepreneurs in Medak and Warangal districts of Telangana. Additionally, as per the research plan, the team aims to interact and collect insights from the women associated with other water players in the sector in the following month. The idea is to conduct a comprehensive study to measure women empowerment through drinking water program by other sector implementers on collection of data from fellow sector practitioners.

The key information areas include:

- Key barriers and enablers identified to involve and empower women.

- Problem solving strategy adopted by the water player.
- Performance of women operated water plants as compared to men operated plants - Social, Operational, Financial, Institutional, Environmental parameters.
- Any innovative process / procedure / tools deployed to empower women.
- Key highlights and lowlights of the program with respect to women operated water stations.
- Policy recommendations to attract women as social entrepreneurs in drinking water.



A women operator operating the iJal station, Bank Colony, Warangal, Telangana



SWNI representative conducting interview with the women entrepreneur, Rajpally, Medak, Telangana

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V. Capacity Building of local urban bodies in Rajasthan on Integrated Urban Water Management (IUWM) to achieve Sustainable Development Goals.

The above program is being carried out by IWP in collaboration with its partner organization ICLEI -South Asia in Jaipur city to promote capacity building of local urban bodies. A training module was developed on Rapid Integrated Urban Water Management was conducted on **23rd of September 2019** at **WSSO Office** Jaipur, Rajasthan. The training was headed by Shri Arun Srivastava, Director, WSSO, Rajasthan and Mr Anil Jain Additional Chief Engineer, Jaipur and was attended by 16 PHED Engineers from 6 cities (Alwar, Ajmer, Jaipur, Kishangarh and Bara Bundi) and WSSO employees. The training focused on IUWM principles and approaches. IUWM approaches for integration analysis and water balance was discussed during the training. Best cases on IUWM practices around the world and in India were shared to showcase the adaptability of the approach.

The training program was divided in 3 sessions:

- **Session 01 Project Introduction:** ICLEI SA team highlighted the challenges in the cities especially in terms of climate change and water availability and introduced the IUWM toolkit. The IUWM methodology was promoted

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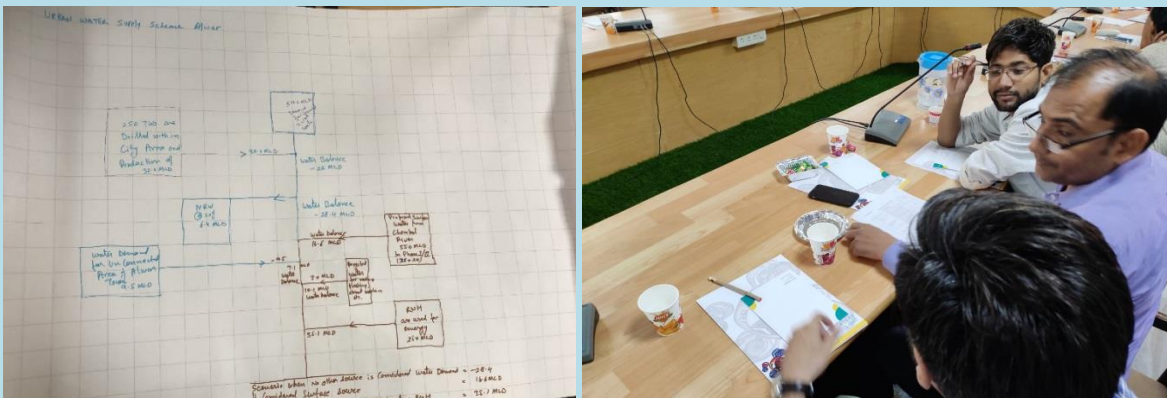
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as approach for good governance in water sector. 6 cities were divided into 6 teams with 5 member in each team. An exercise on Integration Assessment was conducted to familiarise participants with the IUWM principles and assessing their cities on the bases of IUWM.



Participants using IUWM First Integration Matrix to assess their cities based on IUWM principles

- Session 02 Water Balance:** The session was started with discussion on water cycle and impact of climate change as well as urbanization on water resources and overall water system. All the participants agreed that water cycle and water budgeting is important and should be the of part water projects. The concepts of water cycle and water balance approaches were discussed with the participants. Alwar and Bundi shared their water supply projects and challenges they are facing in the cities. A group exercise was conducted with the already formulated 6 teams. Each city map the water cycle in their cities and calculated the water balance. Using the possible interventions each cities listed down the integration targets.



Water Balance Chart for Cities and Discussion on Integration Targets

- Session 03 Project prioritization and presentation on best IUWM practices applied across the globe and within India:** A session was conducted with the participants to discuss water management system in practice and on ground scenario. Presentation was made on IUWM tool on Project prioritization and followed by discussions to understand the level of awareness among local residents and issues faced by PHED engineers. Some of the

participants informed about the issues with fraction among various departments and work in silos approach. At Municipal level the need for capacity building on water conservation was highlighted. Also lack of awareness among local residents on water conservation and water saving approaches along with limited support from the administration on the same was highlighted.

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VI. Roundtable Discussion on Ganga Tributary Governance

A round table discussion of multi-stakeholder partnership for Ganga Tributary Governance was held on Monday 9 September 2019 at 10:00 a.m-12:00 p.m. at NMCG (National Mission for Clean Ganga), New Delhi. The meeting was organized by 2030 Water Resources Group in collaboration with NMCG and Uttar Pradesh State Mission for Clean Ganga (SMCG) and Chaired by Director General, National Mission for Clean Ganga. The chief invitees' were delegates from Mongolia who shared their successful case studies and examples of tributary management and river conservation ideas of their country. 15-20 participants from government, civil society and research background attended the meeting and shared their views on the Hindon for current and future rejuvenation plans. Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, India Water Partnership with her research associate Sudha Kumari also participated in the meeting shared her views on the Nirmal Hindon Rejuvenation Partnership Experiences and Challenges.



Officials interacting in Round Table Ganga tributary meeting.

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VII. One day Introductory Training on “River Basin Management Cycle and Implementation: How to Protect and Improve Water Environment”

GIZ India (Indo-German Project “Support to Ganga Rejuvenation”) in collaboration with the National Mission for Clean Ganga organized one day introductory training on **“River Basin Management Cycle and Implementation: How to Protect and Improve Water Environment”** in New Delhi at Hotel Lalit on 30th September 2019. This was a full day training program and attended by the various Govt. and Pvt. officials. Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP attended the full day training program on behalf of India Water Partnership.

The aim of the training was to take structured approach to River Basin Planning and Implementation and the principles of River Basin Management in the context of the Ganga program. The workshop emphasized broadly on the logic of river basin management cycle developed in India. Discussion and knowledge exchange was encouraged during the day’s training to develop a common understanding of the opportunities available to protect and improve the Ganga.