

# India Water Partnership Annual Report 2021-22





## **INDIA WATER PARTNERSHIP (IWP)**

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## **LEGAL STATUS**

Societies Registration Act of Government of Haryana: 2391 dated 20th November, 2001 under Haryana Societies Registration Act 1860 and Re-registered vide HR 018201300867 dated 14th August, 2013 under Haryana Societies Registration Act, 2012

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## ABBREVIATIONS

BPMO	: Basin Planning and Management Organization
CBO	: Community Based Organization
CSO	: Civil Society Organization
CWC	: Central Water Commission
CWP	: Country Water Partnership
FGG	: Flood Green Guide
FLO	: FICCI Ladies Organization
GBM	: Ganga-Brahmaputra-Meghna
GWAG	: Ground Water Action Group
GWP	: Global Water Partnership
IAS	: Indian Administrative Service
IES	: Indian Economic Service
IFS	: Indian Forest Service
INC-IHP	: Indian National Committee for Intergovernmental Hydrological Programme
ITC	: India Tobacco Company
IWP	: India Water Partnership
IWRM	: Integrated Water Resources Management
JSS	: Jheel Sanrakshan Samiti
MSP	: Multi-Stakeholder Platform
NCR	: National Capital Region
NGO	: Non-Governmental Organization
NIH	: National Institute of Hydrology
NMCG	: National Mission for Clean Ganga
NWP	: National Water Policy
NYKS	: Nehru Yuva Kendra Sangathan
PES	: Payment for Ecosystem Services
PRI	: Panchayati Raj Institution
RBP	: River Basin Plan
RC	: Regional Council
SDG	: Sustainable Development Goal
SPMCG	: State Project Management Group
SWARA	: State Water Resources Agency
TCF	: Tree Craze Foundation
UP	: Uttar Pradesh
UNA	: User Need Assessment
UNDP	: United Nations Development Programme
UNECE	: United Nations Economic Commission for Europe
UNEP	: United Nations Environment Programme
UNESCO	: United Nations Educational, Scientific and Cultural Organization
WMO	: World Meteorological Organization
WWF	: World Wildlife Fund
YYPP	: Youth and Young Water Professionals Platform

## ACKNOWLEDGEMENT

We are thankful to our network partners and collaborative partners for their engagement in activities and Projects during 2021-22 to accelerate our efforts in efficient water management in our country.

We also acknowledge the support received from community, farmers, PRI members, students, Self-Help Groups and District/State Government Line Departments for smooth implementation of our activities across the various Districts/States.

We express our sincere thanks to our Board of Governors; Regional Council Members, GWP-South Asia and Honorary Members for their valuable suggestions and guidance from time to time which enabled us to complete all the activities successfully during the reporting year.

Finally, we express our appreciation to WAPCOS Ltd. for hosting the India Water Partnership (IWP) Secretariat and providing kind contribution and the administrative support.

(Dr. Veena Khanduri)  
Executive Secretary-cum-Country Coordinator

## ABOUT INDIA WATER PARTNERSHIP

India Water Partnership (IWP) is an Indian non-profit organization with the goal of propagating, promoting and supporting Integrated Water Resources Management (IWRM) in India. It was registered in 2001 under Haryana Societies Registration Act 1860 and re-registered as per new Haryana Registration and Regulation of Societies Act 2012. The IWP has also been accredited by the Global Water Partnership (GWP) as Country Water Partnership of GWP and hence, also known as GWP-India.

IWP serves as a distinct voice on water management matters. It conducts critical and impartial analysis of water-related issues, aiming to contribute for policies, enhance stakeholder involvement, raise public awareness, and foster dialogue and information exchange among individuals, agencies, and government departments within the country. Collaborating with a diverse array of partners, including institutions, research organizations, NGOs, corporate bodies, and others. IWP addresses multiple water-related challenges across India. It organizes regular meetings and conferences to discuss key aspects of the water sector, ensures the country's active participation in international events facilitated by GWP and other global institutions, and promotes cooperation and collaboration among various disciplines and institutions to advance IWRM.

### **IWP Board of Governors**

The governance and management of IWP is entrusted to a Board of Governors. The Board comprises of 10 members including President, Vice-President, General Secretary, Joint Secretary, Treasurer, three senior officials of Government of India and two senior officials from State Governments . The Board of Governors approve annual work plan & budget as per country's water priority areas, appoints Auditors and steers proper governance for smooth functioning of IWP.

**Vision:** A water secure India [with participation of all stakeholders].

**Mission:** Sustainable and Inclusive Water Management at National, Regional, River basin/ Sub-basin and Local Levels in India.

**Goal:** The goal is to facilitate inclusive, sustainable and effective water management in the country.

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## PART-A: PROJECT HIGHLIGHTS

### IWP PROJECTS IN 2021-22

5 projects were undertaken by India Water Partnership in 2021-22 in different parts of India.

- Advocating for a Water and River Management Policy in Assam through youth campaign and action
- Water Champions Youth Fellowship Program 2021
- Regional Consultation on Mainstreaming Integrated Water Resources Management (IWRM) in Uttar Pradesh
- Continuing support to MSP by developing Decision Support System (Operational Dashboard) for Hindon River Basin
- Enhancing Capacity to Address Climate Change in IWRM in Uttarakhand State

### PROJECTS HIGHLIGHTS

The Projects highlights in brief are as under:

#### **I. Advocating for a Water and River Management Policy in Assam through youth campaign and action**

Although Assam is rich in water resources, management of the same has remained inadequate. The chronic problem of flooding and river induced erosion along with large-scale degradation of agricultural land due to sand deposition of river borne sand, failure of irrigation projects to benefit farmers and increasing episodes of drought like situation spading to all parts of the state are the burning issues of water management in the State. Many of the State's rivers are in a state of degradation due to pollution, fragmentation of flow regime and floodplain and unscientific and unsustainable mining of riverbed (for sand, boulder, and soil). Reduction in functions, goods and services of aquatic ecosystems and reduced chances of survival of aquatic organisms are also symptoms of degradation of rivers and riverine environment.

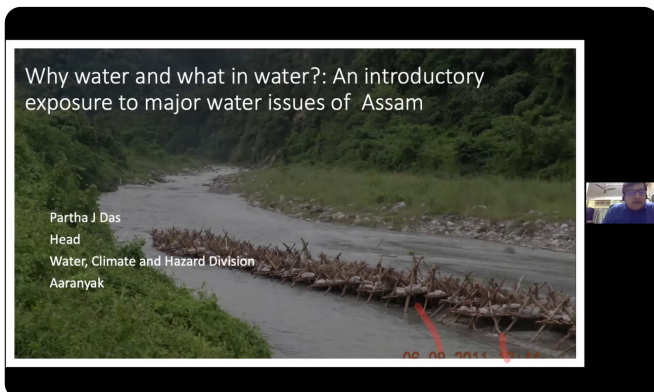
The project aimed to raise awareness among youth from diverse societal backgrounds regarding key water governance and management issues. Its objective was to garner public support for sustainable water management and the preservation of rivers and riverine environments in Assam. Originally scheduled to commence in March 2021, the project's start was delayed until August 2021 due to the COVID-19 lockdown and the implementation of a code of conduct for the State Assembly election.

Under this project six webinars in series were conducted with the youth in Assam under the broad theme “Youth Engagement in Water Governance in Assam”. The date-wise details are given in the following table:

S.No.	Title of Webinar	Date	Resource Person (s)	Link to Video
1	Why water and why youth? the journey begins	September 4, 2021	Dr. Partha J Das Head, 'Water Climate and Hazard Division, Aaranyak, Guwahati, Assam	<a href="https://www.youtube.com/watch?v=BaqsFQKIEsQ">https://www.youtube.com/watch?v=BaqsFQKIEsQ</a>
2	Youth Engagement in Water Governance in Assam	September 18, 2021	Dr. Sanchita Boruah Associate Professor, Department of Zoology D.H.S.K. College, Dibrugarh, Assam	<a href="https://www.youtube.com/watch?v=cFrXIkKI77Q">https://www.youtube.com/watch?v=cFrXIkKI77Q</a>
3	Building youth solidarity in water management for sustainable development through networking toward a regional platform in the South Asia	October 9, 2021	Dr. Abhinandan Saikia Assistant Professor, Ecology, Environment and Sustainable Development Tata Institute of Social Sciences, Guwahati, Assam	<a href="https://www.youtube.com/watch?v=vCAXaRm_x04">https://www.youtube.com/watch?v=vCAXaRm_x04</a>
4	Status and issues of ground water and its management in Assam	October 30, 2021	(i). Ms. Diluka Piyasena, Communication Coordinator, Global Water Partnership-South Asia (GWP-SAS) office, International Water Management Institute, Sri Lanka	<a href="https://www.youtube.com/watch?v=s2anADPkmgo">https://www.youtube.com/watch?v=s2anADPkmgo</a>



			(ii). Dr. Veena Khanduri, Executive Secretary-cum-country coordinator, India Water Partnership (IWP), Gurugram, Haryana, India	
5	Fundamentals of GIS mapping in water management	November 13, 2021	Dr. Runti Choudhury, Assistant Professor, Department of Geological Sciences, Guwahati University, Assam, India	<a href="https://www.youtube.com/watch?v=V0xONf-ky_Y">https://www.youtube.com/watch?v=V0xONf-ky_Y</a>
6	Water Governance and Policy: Issues and Challenges Assam	January 20, 2022	(i). Arup Kumar Das (Manager, Geospatial Technology and Application Division, Aaranyak)  (ii). Shaurya Bajaj, Project and Research Coordinator, Morobe Development Foundation, Lae, Morobe Province, Papua New Guinea	<a href="https://drive.google.com/file/d/1r56rKECK3Gn0C_3bOd9RSyUTrqtMq0CN/view?usp=sharing">https://drive.google.com/file/d/1r56rKECK3Gn0C_3bOd9RSyUTrqtMq0CN/view?usp=sharing</a>

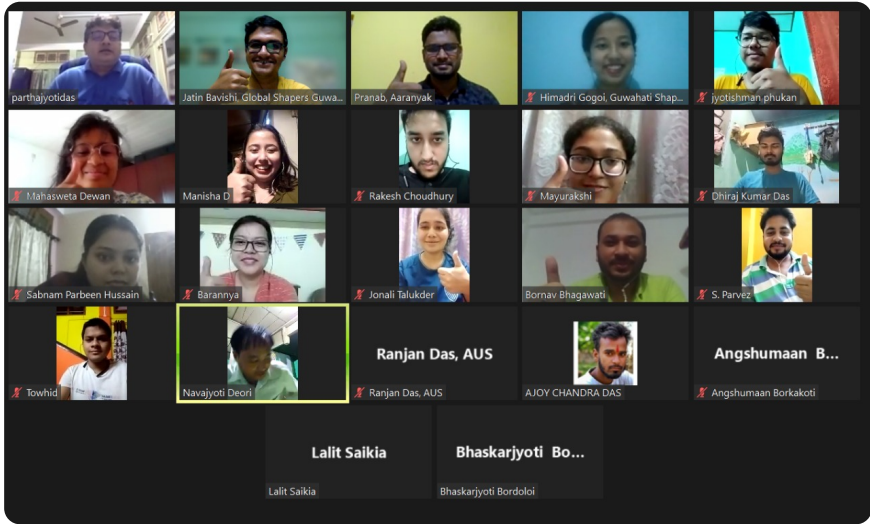


Valuing water

- Water is a flowing entity. It is unevenly distributed over space and time.
- Freshwater resources of the planet are finite, only 2.5% of all available water on the earth
- Water is a globally scarce resource due to increasing human needs such as for domestic use, agriculture and industry.

Water : Integrated understanding and sustainable management  
Water= Surface Water+Ground Water+Atmospheric Water  
River, wetland, aquifer, spring, rainfall, hail, snow, dew, fog

Webinar-1: Why Water and Why Youth: The Journey Begins held on 4th September, 2021 at Guwahati



**Webinar-2: Youth Engagement in Water Governance in Assam held on 18th September, 2021 at Guwahati**



**Webinar-3: Building youth solidarity in water management for sustainable development through networking toward a regional platform in the South Asia held on 9th October, 2021 at Guwahati**



**Webinar-4: Status and Issues of Groundwater and its Management in Assam held on 30th October, 2021**

**Aaranyak**

A Virtual Workshop Series on 'YOUTH ENGAGEMENT IN WATER GOVERNANCE IN ASSAM'

The 5th Webinar on  
**FUNDAMENTALS OF GIS MAPPING  
IN WATER MANAGEMENT**  
A Skill building workshop

November 13, 2021, Saturday || 6.00 PM to 8.00 PM (IST)

**Speakers**

**Mr. Arup Kr. Das**  
Manager, Geo-spatial Technology and Application  
Division, Aaranyak

**Mr. Shaurya Bajaj**  
Project & Research Coordinator,  
Morobe Development Foundation  
Lae, Morobe Province, Papua New Guinea

**Facilitator**

**Dr. Partha Jyoti Das**  
Head,  
Water, Climate and Hazards Division  
Aaranyak

**Organised by**  
Aaranyak  
in collaboration with  
India Water Partnership and Global Shapers  
Guwahati Hub

**Platform** : Zoom Meet  
**Meeting ID** : 667 184 4685  
**Passcode** : 20211113

For queries contact at - 8638701236/ 8134963562

Designed by - Promob

**Webinar-5: Fundamentals of GIS Mapping in Water Management in Assam held on 13th November, 2021**

**Aaranyak**

A Virtual Workshop Series on 'YOUTH ENGAGEMENT IN WATER GOVERNANCE IN ASSAM'

The 6th Webinar on  
**WATER GOVERNANCE AND POLICY: ISSUES AND  
CHALLENGES FOR ASSAM**

January 20, 2022, Thursday || 7.00 PM to 8.30 PM (IST)

**Speakers**

**Dr. Partha Jyoti Das**  
Head,  
Water, Climate and Hazards Division  
Aaranyak

**Er. P. P. Changkakati**  
Former Secretary, Water Resources  
Member (Tech), Assam  
Administrative Tribunal  
Government of Assam

**Moderator**

**Er. A. K. Mitra**  
Former Secretary,  
Water Resources, Govt. of Assam  
Chairman, Technical Advisory  
Committee, Dept. of Water Resources,  
Govt. of Assam

**Organised by**  
Aaranyak  
in collaboration with  
India Water Partnership and Global Shapers Guwahati Hub

**Platform** : Zoom Meet  
**Meeting ID** : 667 184 4685  
**Passcode** : 20220120

For queries contact at - 8638701236

Designed by - Promob

**Webinar-6: Water Governance and Policy: Issues and Challenges for Assam held on 20th January, 2022**

**The basic questions of WG**

WG can be understood by the information we get from the response to some basic questions.

- Who gets water?
- How much water?
- How is water made available to those who need it?
- What quality of water?
- When?
- Where?
- At what price/cost?
- What are one's right to get water and its beneficial services?

Participants: Partha Jyoti Das, Manisha Ghoshal, Trishna R. Prodhani, Gaitry Ash, Somnath Bhagavath, Boman Bhagavath

## Recommendations emerged from the youth and water webinar series

The following recommendations emerged which will be useful in motivating the youth to participate and play a crucial role in water governance at local and state levels:

- Professional water education is engineering-technology centric at present, which needs to change to popularize water education for all sections of society.
- Promote water education among public and across the formal education system, especially among the youth irrespective of disciplinary barriers.
- Introduce courses on water science, conservation & governance/ management for youth from all disciplines in the formal education sector.
- Provide opportunity to the youth of rural areas to learn about water, explore local issues, carry out field surveys through NGO initiatives.
- Give Incentives like fellowships for higher learning, awards/rewards, internship to young students and researchers.
- Leverage on the provisions laid down in the National Education Policy, 2020 of Government of India to create such opportunities.

In all the webinars, the young trainees had the opportunity to interact with the Resource Persons where they asked questions and provided their observations and comments on various water related issues. What made the webinars more fruitful for the participants was the break-out group discussions hosted after the invited talks by experts. In these groups, the participants brainstormed about various issues highlighted by the resource persons as well as the water problems that the participants had identified in their local areas.

## II. Water Champions Youth Fellowship Program 2021

Youth, the catalysts of positive change worldwide, hold significant demographic weight. With a global population of 1.8 billion aged 15-29, India hosts a substantial portion, accounting for 20 percent (366 million). This demographic makes India the home to the largest youth population globally. Defined by the 'National Youth Policy of India' (2014), this demographic spans ages 15-29. Census data from 2011 reveals that youth make up 28 percent of India's total population and contribute over 34 percent to the national income. Recent estimates suggest that youth comprised approximately 27 percent of India's 1.3 billion population in 2020.

Objective of the project was to foster and empower Sustainable Youth Leadership in the country, and build their capacities on developing sustainable solutions for water security & water resource management, the experiential learning driven intensive fellowship aimed at



**Technological advancements of Hindon river in community engagement**

**Issue- Heavy pollution by anthropogenic activities**  
**Reasons-Agriculture, industrialization, unplanned urbanization around the river banks**

**Catchment area-7083km<sup>2</sup>**  
**Flowing cities-Meerut, Gazhiabad, Baghpat, Gautam budha nagar, Saharanpur, Muzzafarnagar**

**Innovative solutions / Scalability**

- Independent Dashboards development
- Organizing capacity building workshops
- Regularly monitoring air and water quality

**Theme- water literacy for Conservation**  
**Name of the designated fellow-Ayush Tyagi**  
**Organization fellow placed-India Water Partnership**  
**Mentor-Dr.veena Khanduri, Ms.Pallavi Singhvi**

**SAVE HINDON**

empowering young leaders by providing them with relevant and comprehensive work experience in the water sector.

18 students pursuing environmental sciences, environmental management, environmental engineering, natural resources and water related subjects in different Colleges/Universities from Delhi & NCR trained as Water Champion Youth Fellows during their 4 months engagement with various renowned institutions/organizations working in water and allied sector. The fellows were involved in projects related to the themes like; Access to Safe Drinking Water; Water Security and Availability; Groundwater Conservation; Rainwater Harvesting Systems and Water Literacy for Conservation for Integrated Water Resource Management.

The fellows presented their final water smart reports on the themes in the final concluding workshop on 27th November, 2021 at New Delhi on the themes (i) Access to Safe Drinking Water; (ii) Water Security and Availability; (iii) Groundwater Conservation; (iv) Rainwater Harvesting Systems and (iv) Water Literacy for Conservation.

### III. Regional Consultation on Mainstreaming Integrated Water Resources Management (IWRM) in Uttar Pradesh

Water is a state subject in India as per the Constitution. Practically, all the decisions with respect to water planning, use and management are taken by the state government and implemented by the stakeholder institutions at various levels. Conventionally, state level irrigation departments (renamed as water resources departments) have been the key players in the management and distribution of surface and ground water due to the irrigation being the largest consumer of surface and groundwater (80-90%). Water management regulatory and institutional infrastructure has not been able to keep pace with population growth, urbanization and industrial expansion and as a result pollution has emerged as a major threat to water security in addition to competing uses of water that present a challenge of meeting demands for all. The Uttar Pradesh has created a new water ministry and claims to implement the national level water policies and missions effectively. However, the mainstreaming of Integrated Water Resources Management (IWRM) is not known and has to be understood through analysis and engagement.

To know the status of IWRM in Uttar Pradesh, IWP organized a Regional Consultation on Mainstreaming IWRM on 27th December, 2021. The Regional Consultation aimed at engaging with a wider set of stakeholder experts from within the State and the neighbouring States with similar water governance contexts. In this process, experts from the 7 States namely; Bihar, Chhattisgarh, Gujarat, Haryana, Odisha, Rajasthan and Uttarakhand presented their views on the status of IWRM and initiatives on water resources management in their States.



**Hon'ble Justice Dr. Devendra Kumar Arora addressing the Inaugural session**

The Consultation was divided into four sessions. The Inaugural Session was aimed at providing an introduction and background to the Consultation, the Technical Sessions were aimed at inciting discussions focused on sectoral challenges and their possible solutions through IWRM in the State and the Final Plenary was aimed at identifying policy and regulatory gaps that are impediments for mainstreaming IWRM in the State.

### **Recommendations by the experts for mainstreaming IWRM in the state of Uttar Pradesh:**

- Decentralization of water resources management is the key to achieving IWRM in Uttar Pradesh. Given the large size of its population and livelihood dependence on agriculture, farmers and village communities must be involved to influence water related decisions that ensure sustainability and long term water security. Village level water budgeting must be formalized through the approval of annual schemes at the Panchayat level.
- Climate Change is still to find its appropriate space in the water resource planning and management. Measures for climate adaptation such as choice of crops as per agro-climatic zones, incentives for water efficient crops and encouraging farmers to adopt on-field water conservation by harvesting rain water are some of the climate adaptive approaches that would complement IWRM. Climate adaptation and water management have to be closely linked through policy and institutional functioning.
- River Basin Approach: The NWP, 2012 provides a clear direction on adopting the scientific planning at the Basin and Sub-Basin level. As per the NWP, basin is the basic unit for planning at the hydrological level[1]. The Water Resources Department in Uttar Pradesh has identified six major river basins. The River Basin Plans (RBPs) for the six basins have also been prepared by the State Water Resources Agency (SWARA)[2]. However, the institutional capacity to implement RBPs remains a challenge as the State Government has not carried out any institutional restructuring to support RBP. Thus institutional capacity building to support RBP should be carried out by the State Government.
- Payment for Ecosystem Services: Payment for Ecosystem Services (PES) has been recognized as one of the effective ways for benefit sharing arising out of natural resources management. Under the PES approach communities protecting a resource are

incentivized by communities benefitting from that resource. For example, villages protecting a dense forest area that serves as a critical catchment or watershed used by the downstream communities are incentivized for their conservation services by the downstream villages that depend on water flows for fisheries, irrigation and other uses. The water conservation planning involving communities can introduce PES as one of the ways to encourage communities for incentive based conservation of water resources in the State.

- The Water Policy of Uttar Pradesh is over two decades old. Since the U.P State Water Policy, 1999 precedes the National Water Policy (NWP) of 2012 [1], some of the principles and approaches contained therein still remain to be harmonized to be in tune with NWP-2012 that promotes IWRM as the central approach to water resources management.
- The regulatory framework on water in the State is more elaborate and is based on enactments such as; Uttar Pradesh State Water Policy, 1999, Uttar Pradesh Water Supply and Sewerage Act, 1975, U.P. Panchayati Raj Act, 1947, Uttar Pradesh Participatory Irrigation Management Act, 2009, Uttar Pradesh Water Management and Regulatory Commission Act 2008, Uttar Pradesh Bhoomi Evam Jal Sanrakshan Adhinyam, 1963, Uttar Pradesh Municipalities Act, 1916, Uttar Pradesh Urban Sanitation Policy, 2009. The State has recently enacted a Groundwater Act, 2020. However, the existing framework is disconnected with each other and the institutions created under them have their priorities without coordinating with each other. This has resulted in confusion and inefficient water management scenario in the State. There is thus a need to revisit the the regulatory framework in totality. It is recommended that the State Government should consider a single unified water law for Uttar Pradesh.
- The emerging challenges of climate change, over-exploitation of groundwater and inefficiency in water use are not effectively addressed in the State Water Policy, 1999 and are not covered by any of the regulatory instruments on water in the State. The other instruments attempt to address the issues from a one sided approach which needs to be converged in view of the overall holistic management of water resources in the State. There is thus a need for mainstreaming climate concerns into policy and planning in the State.

#### **IV. Continuing support to Multi-Stakeholders Partnership (MSP) by developing Decision Support System (Dashboard) for Hindon River Basin**

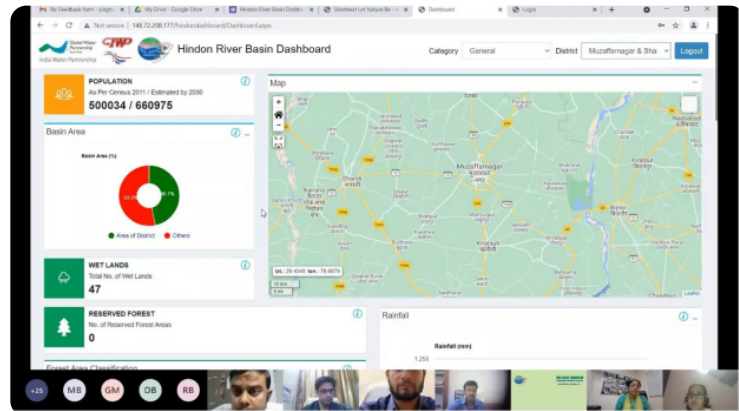
This project is continuation of the 2020 project (Phase-I) under which a Decision Support System (Operational Dashboard) was developed containing the key information required for decision making for Multi-Stakeholder Platform (MSP) for Hindon & Ganga Tributary Management .

The primary intention of this project in 2021 (Phase-II) was to assess the end user requirements, identification of data gaps by the end users, enhancement of the data/portal as per their needs, some ground level indicator interventions such as plantation and wetland restoration etc., value addition in the story maps developed in Phase-I and story

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[1] Preamble, National Water Policy, 2012

map sensitization sessions for the Namami Gange volunteers, officials of National Mission for Clean Ganga (NMCG), SPMG (State Project Management Group) officers, Nehru Yuva Kendra Sangthan (NYKS) volunteers, NGOs and civil society volunteers, Ganga Doots and Ganga Praharis and Researchers and Academicians, etc.



**Decision Support System (Dashboard) for Hindon River Basin**

In 2021, the dashboard developed in Phase-I was presented to the various Government and Non-government stakeholders through four User Need Assessment (UNA) workshops and a Capacity Building workshop for creation of story map was conducted. The interactive UNA workshops for government departments were conducted in collaboration with National Mission for Clean Ganga (NMCG), an authority responsible for implementing Namami Gange program (Hindon River being part of Ganga Basin is directly under their aegis). The UNAs conducted across various months starting from June till November 2021 (prior to that due to the country wide pandemic Covid-19, it was not possible to conduct these sessions). These sessions were held with the SPMG (State Project Management Group) officers, Nehru Yuva Kendra (NYKS) volunteers, NGO and civil society volunteers, Ganga Doots and Ganga Praharis and Researchers and Academicians.

The script to the story map was modified in a series of meeting conducted by IWP. The script was later finalized and the voiceover was given to the two-story maps namely 'The Journey of a River-Case Study: Hindon' and 'Human Interventions and their Impact on River Physiology' that were created in the first phase of the project. The link to these story maps and its recording is given below.

The Journey of a River: Case Study Hindon <https://arcg.is/1jvz>

Human Interventions and their Impact on River Physiology <https://arcg.is/1f1TS80>

Recording of story map narration is given here:

[https://drive.google.com/file/d/1jLJ13qb7EITpVVPPrS4Lf0D56ial\\_E3xG/view?usp=sharing](https://drive.google.com/file/d/1jLJ13qb7EITpVVPPrS4Lf0D56ial_E3xG/view?usp=sharing)

## V. Enhancing Capacity to Address Climate Change in IWRM in Uttarakhand State

The project aimed to sensitize and build capacities of officials from water resources and relevant departments within the Government of Uttarakhand to implement and integrate adaptation actions into Integrated Water Resource Management (IWRM).

The methodology involved three key aspects. Firstly, conducting background research to understand the state's work on IWRM, including a comprehensive study of water resources and challenges. This included examining river basins and drainage systems, as well as reviewing the 2016 report by the India Water Partnership on Uttarakhand's regulatory and institutional framework for water management.



Secondly, conducting site visits across Uttarakhand to assess the actual state of water resources and validate findings from secondary sources and reports.

Thirdly, conducting personal interviews with key stakeholders from government agencies such as the Forest Department, Irrigation & Minor Irrigation Department, Uttarakhand Council of Science and Technology, Rural Development Department, as well as various NGOs working in the sector across Uttarakhand.

The purpose of these interviews was dual: firstly, to gauge the understanding of key officials regarding IWRM, and secondly, to identify any shortcomings or gaps impeding the effective implementation of IWRM practices. These interviews, along with site visits, served as the basis for developing case studies showcasing the concrete benefits of successful IWRM implementation in Uttarakhand's water resources.

Drawing from the insights obtained through research and interviews, India Water Partnership (IWP) collaborated with the National Institute of Hydrology (NIH) and the Indian National Committee for Intergovernmental Hydrological Programme (INC-IHP) to organize a State Level Sensitization Workshop on December 7, 2021, at NIH, Roorkee, Uttarakhand. The workshop, titled "Enhancing Capacity to Address Climate Change in Integrated Water Resources Management (IWRM) in Uttarakhand," aimed to enhance the understanding and effectiveness of key officials from the Nodal Departments of the Uttarakhand State Government.



**State-level Sensitization Workshop on Enhancing Capacity to Address Climate Change in Integrated Water Resources Management in Uttarakhand organized at NIH, Roorkee on 7th December, 2021**

### Key recommendations:

- Uttarakhand State needs to pivot from an industrial development centric approach to an environmental, community centric development approach to ensure long term sustainable development in the State, with a particular focus on water resources.
- A formal approach is recommended for the capacity building of local line departments and local community stakeholders with respect to IWRM in Uttarakhand.
- A comprehensive State level Watershed Management IWRM online portal is required for effective implementation of IWRM in the State.
- An inclusive universally accessible stakeholders' repository is recommended for easy access, collaboration and better coordination between all the various stakeholders working towards IWRM directly or indirectly.

- Case studies should be elevated through eco-tourism/aqua-tourism so that the work is safeguarded for posterity with the aid of a revenue stream as greater awareness is achieved through such efforts, leading to encouragement of similar efforts in other locations in the State.
- Spring sheds need to be safeguarded urgently to prevent the decline of river systems in the State. The case study about the spring-shed rejuvenation presented a success story of the good works done by the State Forest Department in Tehri Garhwal District. This and the similar works done elsewhere in the State can be replicated in other districts of Uttarakhand.

### **Participation in a Webinar on Rivers of North East India Challenges of Sustainable Water Management-Social and Cultural Aspects – 24th April, 2021**

The webinar was organised by Aaranyak (one of the network partners of IWP) in collaboration with the Vivekananda Kendra Institute of Culture on 24th April 2021. The main theme of this webinar was the **“Development through Culture: nature-culture-wellbeing fostering sustainable development”**. The speaker of this webinar was Dr. Partha Jyoti Das, Head, Water, Climate and Hazard Division, Aaranyak. Dr. Veena Khanduri Executive Secretary-cum-Country Coordinator, IWP attended the webinar and raised some queries. She said that “Societies and Communities are gradually delinking from rivers and river centric lifestyle and in this process indigenous knowledge linked with rivers is also disappearing. How this connection can be revived so that the health of the river and its associated ecosystem can be retained”.

### **Participation in a Joint meeting on Integrated Water Resources Management (IWRM) and the Working Group on Monitoring and Assessment (26-28 April 2021)**

A Joint Meeting of the Working Group on “IWRM Monitoring and Assessment” was organized by United Nations Economic Commission for Europe (UNECE) from 26th to 28th April 2021. Though India is not part of any Convention, however Dr. Veena Khanduri, Executive Secretary, IWP attended this meeting in the capacity of Country Co-ordinator. This meeting was organised to assist the Governments in identifying the challenges, developing action plans and implementation. Draft future programme for 2022-2024 was also discussed in the meeting.

### **Participation in a UNEP CapNet Meeting on Learning Exchange: IWRM Action Planning to Accelerate Progress on SDG 6 - 27th April, 2021**

A virtual learning session was jointly organised by UNEP and GWP on 27th April 2021 titled “Learning Exchange: IWRM Action Planning to Accelerate Progress on SDG 6”. This learning exchange session was aimed to show countries how to turn those challenges into opportunities, by introducing the approach of IWRM action planning. It was convened by the SDG 6 IWRM Support Programme, a collaboration mechanism between UNEP, UNEP-DHI, Cap-Net and GWP, which supports countries in accelerating IWRM through SDG 6.5.1. Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP attended the learning session.

The interactive learning exchange was aimed at introducing the approach of action planning for improved water resources management and showcasing the country representatives’ experiences in formulating and executing IWRM action plans. The event lasted for 90 minutes and was structured in two segments:

Part I: A presentation of the SDG 6 IWRM Support Programme and Action Planning rationale, and two country perspectives on IWRM action planning, challenges and solutions.

Part II: Through an interactive online discussion, the participants will share the learning exchange on challenges and solutions around IWRM Action Planning.

## Participation in an E-JAL Chaupal [2] under the banner of Dainik Jagran – 19th April, 2021

7:28 PM

### सहेज लो हर बूंद अभियान में ई-जल चौपाल आज



**जागरण संवाददाता, सहारनपुर :** दैनिक जागरण के सहेज लो हर बूंद अभियान के तहत ई-जल चौपाल का रविवार को आयोजन किया जाएगा। वीडियो कॉन्फ्रेंसिंग के माध्यम से होने वाले आयोजन में तालाब को सफाई अभियान में लगी संस्थाओं के प्रतिनिधियों के अलावा अंतरराष्ट्रीय स्तर के विषय विशेषज्ञों को आमंत्रित किया गया है।

शनिवार को नगर निगम सभागार में ई-जल चौपाल को लेकर हुई बैठक में नगर आयुक्त जगदीश सिंह ने कहा कि रविवार को कोरेना कम्यू है। ऐसे में हमें सारे कार्य बंद नहीं करते हैं। केच



नगर निगम में टीम के साथ बैठक करते नगरायुक्त जगदीश सिंह ● अजय

द रेन, सहेज लो हर बूंद को सफल बनाने का हर संभव प्रयास करना है। दैनिक जागरण के सहयोग से चलाए जा रहे इस अभियान में रविवार को अपराह्न तीन बजे पर्यावरण अनुभाग द्वारा ई-जल चौपाल का आयोजन किया जाएगा। उन्होंने बताया कि इस ई-जल चौपाल का मुख्य लक्ष्य नगर निगम सहारनपुर ही नहीं बल्कि जिले

को जल के लिए आत्मनिर्भर बनाना है और इस लक्ष्य के प्राप्ति के लिए सभी का सहयोग एवं एकीकृत योजना निर्माण व इसका प्रभावी क्रियान्वयन व वैज्ञानिक अनुश्रवण जरूरी है।

पर्यावरण प्लानर डा.उमर सैफ ने बताया कि कार्यक्रम में अभियान में शामिल संस्थाओं के प्रतिनिधियों के अलावा नगर निगम के साथ प्लानिंग

में मदद कर रहे अंतरराष्ट्रीय संगठन व विश्व बैंक सहित सतस्य-जल संसाधन समूह-2030, अमेरिका, इंडिया वाटर पार्टनरशिप दिल्ली, यमुना ब्रायोडायवर्सिटी पार्क, दिल्ली विश्वविद्यालय, हिमालयन इंस्टीट्यूट फॉर इंवायरमेंट, इकोलोजी एंड डेवलपमेंट देहरादून, ग्रीन इंडिया कारपोरेशन, ईवा इको सिस्टम दिल्ली, पानी संस्था, आईटीसी लिमिटेड, सेंट फॉर वाटरपीस, गाजियाबाद व नगर निगमों के अधिशासी अधिकारी एवं जनप्रतिनिधियों व जल प्रेमियों को आमंत्रित किया गया है। ई-जल चौपाल का आयोजन रविवार अपराह्न तीन बजे वीडियो कॉन्फ्रेंसिंग के माध्यम से आयोजित होगा। बैठक में डा.विपिन कुमार, डा.कमल बहगुणा, नगर स्वास्थ्य अधिकारी डा.कुनाल जैन, चौफ इजीनियर कैलाश सिंह आदि मौजूद रहे।

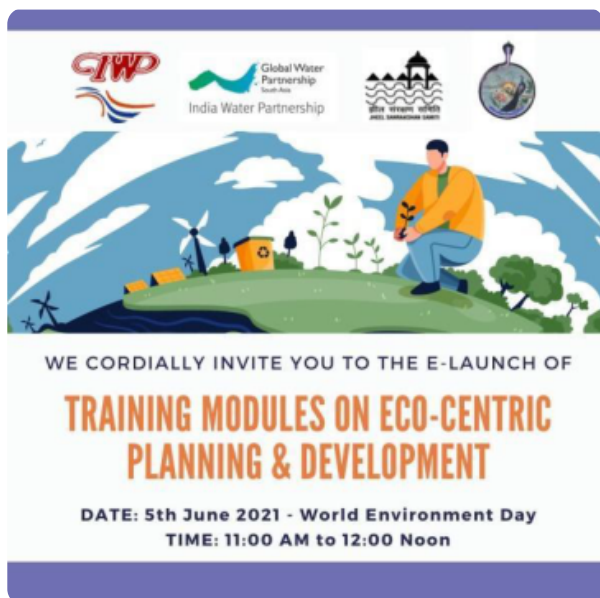
An E-Jal Chaupal was organized on 19th April, 2021 under Dainik Jagran's (a Daily Newspaper) initiative "Save the Every Drop campaign" in collaboration with Municipal Corporation, Saharanpur District (Uttar Pradesh) and attended by the representatives of renowned scientists, environmentalists and voluntary organizations of the country. The E-Chaupal was organized to discuss how to bring Jal Swaraj in Saharanpur district.

Everyone insisted on the implementation of the action plans. Everyone agreed that if we are not yet conscious, we may have to face many problems in the future. Seven important points were discussed in the E-Chaupal.

Municipal Commissioner, Mr. Gyanendra Singh said that the Corporation has completed many successful pilot projects by making micro-plans for conservation of water and environment with scientific thought. 22 ponds have been already renovated with the cooperation of Saharanpur Development Authority and ITC and budget has been tendered for provision of more 23 ponds for rejuvenation this year.

## E-launch of the "Training Modules on Eco-Centric Urban Planning & Development' on the occasion of World Environment Day - 5th June, 2021

The Training Module on "Eco-Centric Urban Planning & Development" developed by IWP with the support of Jheel Sanrakshan Samiti (JSS) in 2020 was launched through virtual platform on 5th June, 2021 on the occasion of World Environment Day. The e-launch was followed by a panel discussions comprising of experts namely (i) Mr. Sri Ram Vedire, Advisor, Ministry of Jal Shakti, Government of India & Former Chairman, River Basin Authority, Rajasthan; (ii) Mr. H. S Sancheti, Advisor, Ministry of Urban Development, Government of Rajasthan & Former Chief Town Planner, Govt. of Rajasthan; (iii) Er. Avinash C Tyagi, Vice-President, IWP & Former Director, WMO; (iv)



Mr. Ajay S Mehta, President, Vidya Bhawan Society; (v) Mr. Pallab Datta, Environmentalist, Jheel Sanrakshan Samiti, Udaipur; (v) Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP; and, (vi) Prof. Anil Mehta, Principal, Vidya Bhawan Polytechnic, Udaipur.

More than 40 professionals attended the e-launch ceremony including Mr. Lal Indurwage, Regional Coordinator, GWP-South Asia and Ms. Diluka Piyasena, Communication Officer, GWP-South Asia.

The modules present cross disciplinary concepts such as Integrated Water Resource Management, Integrated Urban Water Management, Zero Carbon Buildings, Green Oriented Development and Urban Waste Water Management. These modules have been developed by authors who are internationally known experts and practitioners. The overall guiding principles of these modules are inspired by the actionable framework on IWRM. The modules are useful for various stakeholders such as water managers, urban development experts, town planners, foresters, ULBs, water users and the community at large.

### Consultation with NGOs/CSOs/CBOs organized by UNDP North region on 24th June, 2021

UNDP India Country Office is preparing the Country Programme Document (CPD) 2023-2027. In this context, they organised a virtual session on 24th June, 2021 to receive inputs from relevant CSOs/CBOs in the respective States regarding what are their expectations toward UNDP in given thematic areas from 2023-2027. UNDP also invited to India Water Partnership to join this consultation and share the valuable inputs. Dr. Veena Khanduri Executive Secretary -cum-Country Co-coordinator, IWP attended this consultation and provided her valuable inputs by highlighting the role of youths in water security and climate change. She told that the role of youths to should be enhanced in the SDG 6.5.1 so that youth can become role model in water resources management.

### Organization of a webinar on “Women & Water: Challenges & Opportunities towards Sustainable Conservation-30th June, 2021 ”

A webinar on “Women & Water: Challenges & Opportunities towards Sustainable Conservation” was organized on 30th June, 2021 jointly by FICCI Ladies Organization (FLO) Uttarakhand and FLO Jammu Kashmir & Ladakh in collaboration with India Water Partnership, Indian Council of Agricultural Research, Government of India and Safe Water Network. Purpose of the webinar was to debate on conservation of water through sustainable & resilient pathways focusing on the needs of industries and the rural sector

**FICCI FLO** Jammu-Kashmir & Ladakh  
The Power to Empower

**FICCI FLO** Uttarakhand  
The Power to Empower

Kr. Ritu Singh, Chairperson  
FLO Jammu-Kashmir & Ladakh

Komal Batra, Chairperson  
FLO Uttarakhand

along with Committee members, invite you for the webinar

**Women & Water:**  
Challenges & Opportunities towards Sustainable Conservation  
(Conservation | Industrial Wastewater Management | Rural Water)

**Dr. Ravinder Kaur**  
Principal Scientist  
Water Technology Centre  
Indian Agricultural Research  
Institute

**Dr. Veena Khanduri**  
Executive Secretary-cum-Country  
Coordinator  
India Water Partnership

**Ms. Poonam Sewak**  
Trustee & VP - Programs  
& Partnerships  
Safe Water Network

**on 30<sup>th</sup> June 2021 | 3:00 PM - 4:00 PM**

LIVE on Cisco webex, Facebook and Youtube  
**Industry, Agriculture & VIT Vertices**

[flouttarakhand@ficci.com](mailto:flouttarakhand@ficci.com) [www.ficciflo.com](http://www.ficciflo.com)

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emphasized on, through various means & channels supported by government machineries of multiple Indian states.

The webinar was helpful in catering to the needs of dynamic professionals, by exposing them to a more sustainable way of conserving water at their enterprises and projects, through the window of this intensive session. Link for the webinar are: YouTube: <https://youtu.be/yxPBytQvWyg>.

### **2030 Water Resources Group (WRG) meeting for sustainable water management in Ghaziabad District, Uttar Pradesh-14th July, 2021**

This meeting was organized by 2030 WRG on 14th July 2021 to discuss the treatment & rejuvenation process for Sahibabad Drain. Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP attended this meeting along with other IWP network Hindon Stakeholders. During the meeting overview and current status of drains in Ghaziabad district, Uttar Pradesh and the process & leading solutions were discussed.

### **Flood Green Guide Training for South Asia Women Water Professionals -2nd to 4th Week of July, 2021**

WWF, Women for Water Partnership NetWater and Sri Lanka Water Partnership organized a Flood Green Guide (FGG) training program specially tailored for mid-career women water professionals during the 2nd to 4th week of July 2021. For which they requested to CWPs to nominate the suitable candidates to attend this training. In this process, they also requested India Water Partnership to nominate suitable candidates for their two programmes. Executive Secretary-cum-Country Coordinator, India Water Partnership nominated two women Mrs. Moumita M Ghosh and Ms. Sonali Motiwal from India to attend this training programme.

### **Webinar on Introducing South Asia Youth Platform– 20th July, 2021**

The webinar introducing the South Asia Youth Platform was organized by GWP-South Asia on July 20, 2021. This platform aims to encourage youth to actively engage with stakeholders, address water sector challenges and opportunities, and share information for knowledge exchange and improved prospects. GWP South Asia conducted a baseline survey in its six CWPs to understand youth organizations, initiatives, and partners in the region. The Synthesis Report, based on this survey, outlines the findings and future steps for creating the platform, contributing to the project's objectives. Stakeholder consultations confirm the demand for such a platform.

### **Eco Seminar: 2021 on 31st July, 2021**

Hillwoods Academy New Delhi, in collaboration with India Water Partnership (IWP) and Tree Craze Foundation (TCF), hosted a Virtual Eco-Seminar on July 31, 2021, at 9:00 a.m.

The event aimed to bring together environmentally conscious students interested in practical solutions for sustainable development. Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator of IWP, and Mrs. Bhawna Badola, CEO of Tree Craze Foundation, shared their insights on "Important Aspects of River Restoration and Role of Youth," sparking an interactive and informative session. Over 50 participants, including students and teachers, attended the webinar, which concluded with a quiz on river restoration, engaging over 20 students in lively interaction.



### **Planning and Initiation of Youth and Young Water Professionals Platform of South Asia on 22nd September, 2021**

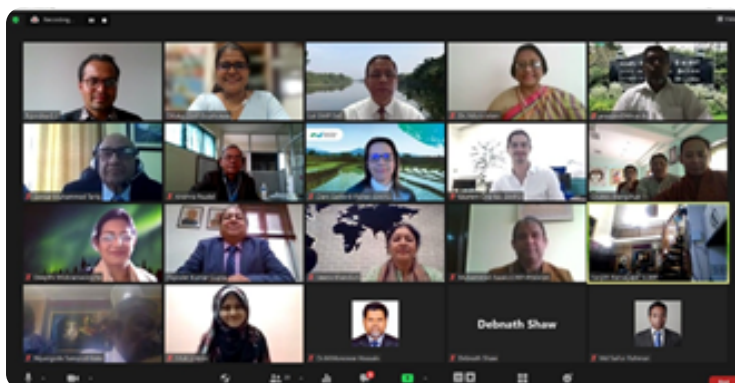
GWP South Asia along with Country Water Partnership's initiated a process to create Youth and Young Water Professionals Platform (YYPP) of South Asia which will help in connecting and facilitating the interaction between the youth beyond their country of origin. The aim is to strengthen the collaboration with other regional youth organizations and professional bodies and to establish more effective public communication at all levels.

As per the process India Water Partnership (IWP) has selected 4 youth Interns who will represent the India at South Asia Level as a core group member of YYPP. On 22nd September, 2021 the first online Interactive session with 4 Interns from India was conducted with the Regional Communication Officer (GWP- South Asia), Country Coordinator and Youth Focal Point of India. The session was planned to have interaction among the interns and to explain them about the formation of platform, the responsibilities and the deliverables.



### **GWP Annual Network Meeting held on line on 1st & 2nd December, 2021**

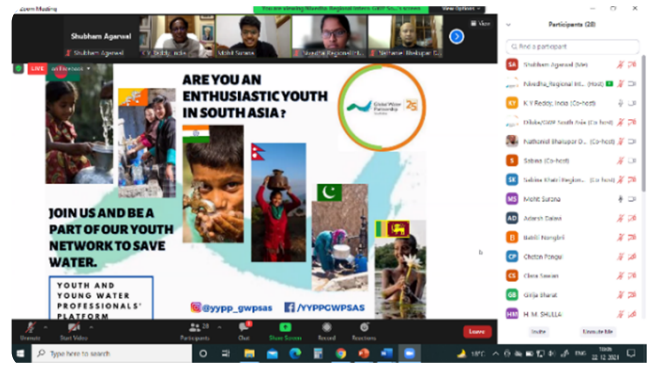
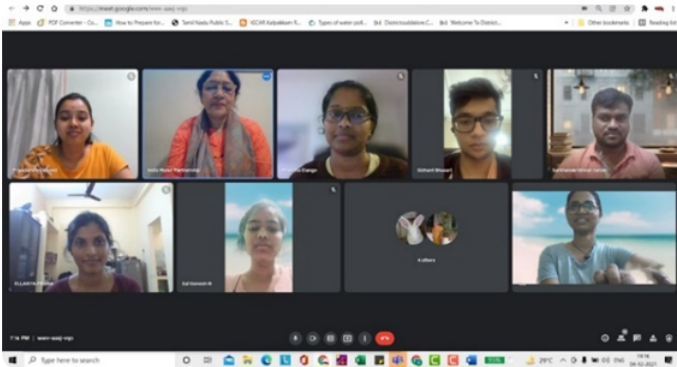
The Annual Network Meeting of GWP was held virtually on 1st & 2nd December, 2021. Executive Secretary-cum-Country Coordinator, IWP attended the meeting on 1st December, 2021 and contributed substantially in the group exercises. The experiences and challenges of the Multi Stakeholders Platform of Hindon River basin were also shared.



## Youth and Young Water Professional Platform (YPPP) of South Asia on 4th December, 2021 and 22nd December, 2021

Under the YPPP Platform, the Interns from India conducted the following activities through zoom platform:

First Focus Group Discussion (FGD) on SDG 6 “Clean Water and Sanitation for All“ was organised by Interns from India on 4th December 2021 by tapping prospective partners. The Interns brainstormed and prepared the questionnaires for FGD. A Google form was also circulated to get the feedback and inputs from the participants.



Another workshop was organised by the Interns from India on “Youth in Water Sector” on 22nd December 2021 in which Prof Kaluvai Yella Reddy, VPH, ICID and Mr. Nathaniel Bhakupar Dkhar, Consultant, Mu Gamma Consultants were the key speakers. Mr. Nathaniel Bhakupar Dkhar spoke about the role of youth in water sector and Mr. Reddy spoke on the Irrigation & Agriculture Sector.

Dr Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP summarized about the background and initiatives of Indian interns for populating Youth Platform in India and Ms. Diluka Piyasena, Communication Coordinator, GWP-South Asia also contributed the perspective of South Asia in the workshop.

**GWP SAS WORKSHOP**  
YOUTH AND YOUNG WATER PROFESSIONALS' PLATFORM (YPPP) SOUTH ASIA

**TOPIC**  
YOUTH IN THE WATER SECTOR

**22nd December, 2021**  
6 PM IST Onwards

**Register Here:** [QR Code]

**Speakers:**  
Nathaniel Bhakupar Dkhar - Consultant, Mu Gamma Consultants, Honorary Advisor, Hespia Yell  
Prof. Kaluvai Yella Reddy - VPH, ICID, Dean, ANGR Agril Univ, India

**INTEGRATED WATER RESOURCE MANAGEMENT (IWRM)**  
SUSTAINABLE DEVELOPMENT GOAL 6.5.1

A process which promotes the coordinated development and management of water, land and related resources in order to maximize economic and social welfare in an equitable manner without compromising the sustainability of vital ecosystems.

**YOUTH AND YOUNG WATER PROFESSIONALS' PLATFORM (YPPP)**

**ENABLING ENVIRONMENT**  
policies, laws, plans and strategies which create an enabling environment for IWRM

**INSTITUTIONS & PARTICIPATION**  
types of political, social, economic and administrative institutions that help in managing the integrated resources of IWRM

**MANAGEMENT INSTRUMENTS**  
tools and actions that provide the necessary and legal framework for IWRM

**FINANCING**  
budgeting and financing mechanisms and ways to mobilize external and internal resources for IWRM

**BE THE CHANGE! BRING THE CHANGE!**  
**Join YPPP!**  
Help South Asia achieve IWRM.

**WATER FOR LIFE! YPPP FOR IWRM!**

Visit us at: [www.gwp.org/en/GWP-SAS](http://www.gwp.org/en/GWP-SAS)

Interns made the Call for Action posters and also submitted the Draft Newsletter as deliverables to YPPP Regional Team. The Interns also attended the Soft Skills Workshop organised by the YPPP Regional Team and GWP- SAS.



## IWP organized a State level Workshop on Enhancing Capacity to Address Climate Change in IWRM: Uttarakhand State on 7th December, 2021 at NIH, Roorkee

A State-level Sensitization Workshop on "Integrated Water Resources Management in Uttarakhand" was jointly organized by IWP, the National Institute of Hydrology, Roorkee, Uttarakhand, and the Indian National Committee for Intergovernmental Hydrological Programme (INC-IHP) on December 7, 2021, both in person and virtually.



Dr. Rajendra Dobhal, Director General of the Uttarakhand State Council of Science and Technology & Chairman of the Rural Development and Migration Commission of Uttarakhand, served as the Chief Guest, while Er. A B Pandya, Regional Council Member of GWP-South Asia and Secretary General of the International Commission on Irrigation & Drainage & Former Chairman of the Central Water Commission, Ministry of Jal Shakti, Government of India, was the Guest of Honour.

Eminent resource persons included Dr. V C Goyal, Scientist "G" and Member Secretary of INC-IHP, UNESCO; Mr. Sunil Kumar, Director, Basin Planning-I, Central Water Commission, Ministry of Jal Shakti, Government of India; Dr. Lior Asaf, Water Attache, Israeli Embassy, New Delhi; Dr. Swapnamita Vaideswaran, Scientist D and Associate Professor, Wadia Institute of Himalayan Geology, Dehradun; Dr. Shobhan Singh, Scientist E, National Institute of Hydrology, Roorkee; Mr. Dharm Singh Meena (IFS), Divisional Forest Officer, Narendra Nagar Division; Dr. Debashish Sen, Director, People's Science Institute, Dehradun; Mr. Anshuman Shukla, Chief Executive Officer, Retrota Technology (P) Limited, Dehradun; and Mr. Kesar Singh, Editor, India Water Portal Hindi.

Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator of IWP, extended a warm welcome to the Chief Guest, Guest of Honour, eminent panelists, and participants, setting the context for the workshop. Dr. Jyoti P Patil, Scientist "D" at the National Institute of Hydrology, Roorkee, delivered the Vote of Thanks. Presentations covered various aspects, including IWRM concepts, India's journey and policies, international perspectives, local geology incorporation, understanding springs, rejuvenating rivers, community engagement, entrepreneurship vision, and stakeholder perspectives.

Ninety-three officials from different departments of the Uttarakhand State, including Irrigation & Minor Irrigation, Forest, Climate Change, Pollution Control, and Agriculture, etc. participated in the workshop. The IWRM Toolbox developed by GWP was shared online with the participants by Mr. Laurent-Charles remblay-Lévesque, IWRM & Knowledge Management Specialist, GWP and Ms, Gergana Majercakova, Senior Learning Specialist, GWP. Suggestions from key speakers and resource persons would be incorporated into the report.

The workshop aimed to sensitize and build capacities of water resources officials and relevant departments to implement adaptation actions into IWRM planning. Discussions focused on a climate-responsive approach to IWRM, aiding the State Government of Uttarakhand in efficient water use planning to meet sectoral needs. The report will reflect ground realities of IWRM activities in Uttarakhand.

### **47th Board of Governors Meeting and 19th Annual General Body Meeting (GWP-India Partners Meet) organized on 24th December, 2021**

The 47th Board of Governors Meeting and the 19th Annual General Meeting (GWP-India Partners Meet) was organized on 24th December 2021 at International Commission on Irrigation & Drainage, New Delhi in hybrid mode. In the meeting, progress on 2021 core and additional activities undertaken from September to December, 2021 were presented and the Board was briefed on the aims & objectives of the core activities identified for undertaking in 2022. Formal approval for nomination of



two new Regional Council (RC) GWP-South Asia from India w.e.f 1st January, 2022 was obtained. The newly nominated RC members are; (i) Er. A B Pandya, Secretary General, International Commission on Irrigation & Drainage & Former Chairman, Central Water Commission, Ministry of Jal Shakti, Government of India and (ii) Smt. Preeti Madan, I.E.S, Former Principal Economic Advisor, Department of Industrial Policy & Promotion, Government of India.

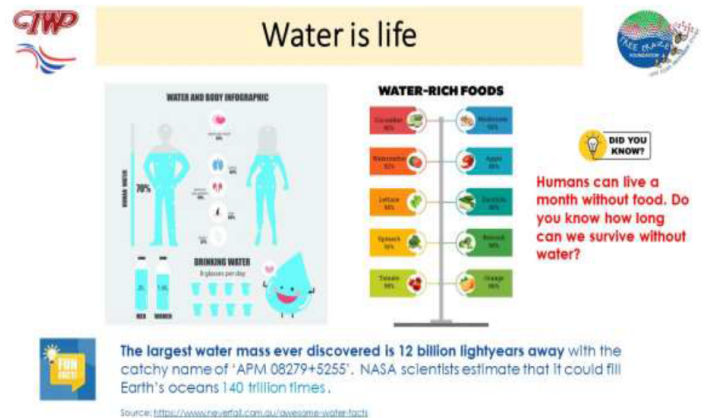


The 19th Annual General Body Meeting (GWP-India Partners Meet) was also held in Hybrid mode. Both the meetings were held to acquaint the Board Members and the network partners about the recent development in the core activities of IWP and to take their approval from the Board and General Body on important governance issues. IWP also provided a platform to its partners to discuss about their activities and strengthening the network. In both the meetings it was

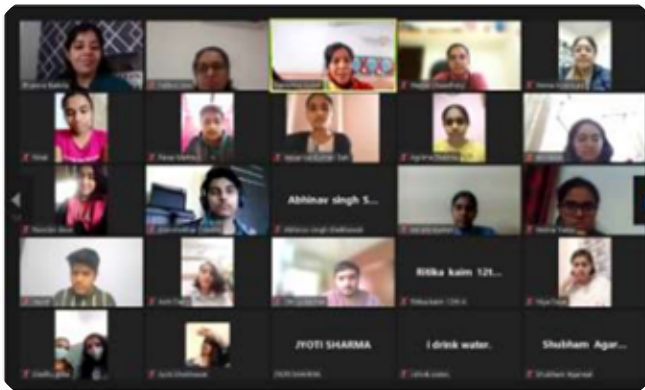
informed that the Mashi River Basin Parliament, Rajasthan work which was undertaken by IWP in 2016 under GWP-South Asia Water and Climate Resilience Program has been selected by GWP as an impact story for wider dissemination to the other GWP regions. IWP and GWP Network Partners from all over India were a part of this Annual Meet and provided their insights.

### Water Footprint and Conservation Workshop with Youth organized on 27th December, 2021

A virtual workshop on “Water Footprint and Conservation” was conducted in Hillwoods Academy School, New Delhi on 27th December, 2021 by TREE Craze Foundation (TCF) in collaboration with India Water Partnership. The session was conducted targeting 11th and 12th graders. More than 100 participants registered for the session from different branches of Hillwoods Academy across India.



The workshop was conducted on Zoom Platform where approximately 77 participants joined. The session started with an introduction of the resource persons, followed by an introductory remark by Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP who explained the participants about importance and involvement of



youth for sustainable water management and protection of the water bodies. Ms. Bhawna Badola, CEO, TCF kicked off the discussion on the importance of water, various facts about water to generate awareness among the students of the water crisis across the world. After a brief discussion with students, the topic of water footprint was taken up where children were made aware of their direct and indirect water footprint and how their everyday choices could impact their water footprint.

# GLIMPSES OF 2021-2022 ACTIVITIES



# PUBLICATIONS

**Clean Hands Are Safe Hands - Hand Hygiene Campaign**

Issue No: 001/2021

**Background:** The COVID-19 pandemic continues to affect communities around the world impacting not only public health but also impeding economic growth and development. Although the pandemic is said to affect all segments of the population, it has been particularly hard on the vulnerable and marginalized communities who were already living in fragile situations prior to the start of the pandemic. India has been witnessing a staggering number of corona cases, making it the third most corona-affected country in the world. For most majority of India's urban poor many of these recommended non-pharmaceutical means for keeping the virus at bay are impossible to follow. With over 50,000 slums in India, the urban poor are among the most vulnerable and underserved communities in the country.

**Wash your hands:**

- Wash your hands with soap and running water.
- Wash for at least 20 seconds.
- Use your elbows to dry.
- Use paper towels to dry.
- Use hand sanitizer if soap and water are not available.
- Use alcohol-based hand sanitizer if soap and water are not available.

**Two most effective preventive measures** (along with mask-wearing) and enable its practice through adequate access to hand-wash facilities for the vulnerable and at-risk urban poor in India's slums. Available research and review of hand wash interventions clearly indicate a reduction in contamination/spread reduction by washing hands with soap. Further, this would contribute to Sustainable Development Goal - 6 of ensuring access to 'adequate and equitable hygiene for all by 2030.

**The Hand Hygiene Campaign: Response to the COVID-19 Crisis**

Along with social distancing, hand washing is the key to keep millions safe from COVID-19 and other infectious diseases. India Water Partnership joined hands with one of its partner organisations – PRAGYA, to create awareness on the importance of hand hygiene by supporting communities in establishing and strengthening hand hygiene practices by ensuring the minimum necessary infrastructure (equipment and supplies). IWP sponsored installation of cost friendly and accessible hand wash stations at two locations – Ghosia and Wainland in Gurgaon, Haryana (India) keeping in mind the fact that our target areas i.e., the slums, have either low or no access to running water.

**Scope:** The intervention was implemented to cover an estimated 1000+ underserved people residing in the two slum colonies located in Gurgaon, Haryana, which currently lack access to basic health & hygiene facilities.

**बहिर-19 और अन्य संक्रमणों से सुरक्षित रहने**  
**विधिनि ष से अपने हूरे धूरे धोने**

**Policy Brief**

**Hopes of endurance in the hinterland of risk:  
Life in the islands of the Brahmaputra River, Assam**

APRIL, 2021

Authors: Partha Jyoti Das  
Veena Khanduri

This Policy Brief has been developed out of the findings and learning from the study 'Community resilience to water induced disasters and climate change: A study and documentation of good practices in selected river islands of the Brahmaputra River Basin, Assam' carried out by Aaranyak (Gowahati, Assam) in 2019 with support from the India Water Partnership (Gurgaon, Haryana)

**Report on**

**Enhancing Capacity to Address Climate Change in Integrated Water Resources Management (IWRM) in Uttarakhand State**

December, 2021

**C4Y**  
Centre for Youth

**C4Y WATER 2021**  
CHAMPIONS YOUTH FELLOWSHIP PROGRAMME  
An Initiative of Centre for Youth (C4Y)

**FINAL REPORT**  
by  
Centre for Youth (C4Y)

**Supported by:** Government of India, Ministry of Jal Shakti, Department of Water Resources, River Development & Camp Rehabilitation, Arghyam, NITI Aayog, India Water Partnership, giz, The Aqua Foundation, WaterAid.

**Report on**

**Regional Consultation on Mainstreaming Integrated Water Resources Management in Uttar Pradesh**

Submitted to:  
**India Water Partnership**

By:  
**Indian Environment Law Organization**

December, 2021

**REPORT**

**Continuing Support to MSP by Developing Decision Support System**

Report submitted by:  
**Tree Craze Foundation**  
December, 2021

India Water Partnership, Tree Craze Foundation, IWP

# MEDIA COVERAGE

{ ON WATER REFORM }

Hindustan Times, Dec 28, 2021

## Consultation on IWRM: Experts share views

**LUCKNOW:** A regional consultation on the future of Integrated Water Resource Management (IWRM) in Uttar Pradesh was organised in Lucknow on Monday, by UP-IWRM core group members comprising experts from Ground Water Action Group, WaterAid, Indian Environmental Law Organisation, and India Water Partnership.

Eminent experts from diverse stakeholder groups shared their views on water reform measures being undertaken in the state. The chief guest Justice DK Arora (State Real Estate Appellate Authority) and special guest Er VK Niranjan (Engineer in Chief, Water Resources department, UP) addressed gathering with their experienced perspectives on various aspects of IWRM.

Speakers in the technical sessions concentrated on specific aspects like legal provisions, social integration, and institutional improvements. Convener


of the workshop, Prof Venkatesh Dutta delivered the opening address and outlined the water scenario of UP. He said that policy framework should be backed by adequate legal provisions and enforcement mechanisms. Shawahiq Siddiqui, founding partner, IELO shed light on key legal frameworks for IWRM.

RS Sinha, eminent hydro-geologist and former staff officer, SWaRA Er Ravindra Kumar spoke of policy bottlenecks and potential solutions. Er Puneet Srivastava from WaterAid stressed on the need for democratization of water management through initiatives such as Jal Chaupal and the payment for ecosystem services model. Other highlights of discussion included departmental jurisdiction, data collection, mapping and access, role of technology, need for de-centralized water governance, community engagement and institutional framework.HTC



educationdiary.in





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NATIONAL NEWS

## FICCI FLO Holds Session On Sustainable Conservation Of Water

By India Education Diary... — On Jul 2, 2021

Share      




Dehradun: The Uttarakhand chapter of FICCI Ladies Organisation, FLO Jammu-Kashmir & Ladakh, and Industries Association of Uttarakhand hosted a virtual panel discussion titled 'Women & Water: Challenges & Opportunities towards Sustainable Conservation' today.

The panellists of the session were Principal Scientist, Water Technology Centre, Indian Agricultural Research Institute Dr Ravinder Kaur, Executive Secretary-cum-Country Coordinator, India Water Partnership Dr Veena Khanduri, and Trustee & VP – Programs & Partnerships, Save Water Network Poonam Sewak.


Home -> Others



Others


## FLO holds session on sustainable water conservation


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

1 minute read





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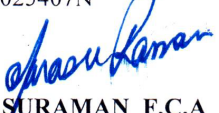


Thursday, 01 July 2021 | PNS | Dehradun 

The Uttarakhand chapter of FICCI Ladies Organisation, FLO Jammu-Kashmir and Ladakh, and Industries Association of Uttarakhand hosted a virtual panel discussion titled 'Women and Water: Challenges and Opportunities towards Sustainable Conservation' on Wednesday. 

Speaking on the occasion, executive secretary and country coordinator of India Water Partnership, Veena Khanduri said, "As primary providers, managers and users of water, women and youths are uniquely placed and positioned to help in deriving the productive changes in the water security scenario. Climate change has put enormous pressure on water security all over the world."  

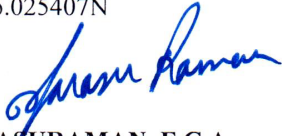
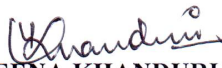
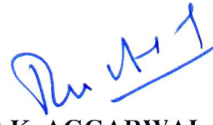
# FINANCIAL REPORT

INDIA WATER PARTNERSHIP (Regn No.-HR0182013-00867) 76-C, Sector-18, Gurgaon- 122015		
Statement of affairs as on 31st March, 2022		
Particulars	Current year (Rs.)	Previous year (Rs.)
<b>SOURCES OF FUNDS</b>		
<b>CORPUS FUND</b>		
Life Membership fees		
Opening Balance	934,567.00	
Add: Received during the year	10,000.00	
	944,567.00	934,567.00
<b>General Reserve</b>		
Opening Balance	6,839,495.03	6,027,803.49
Add: Surplus/( Deficit) transferred from Income & Expenditure Account	(1,341,246.54)	811,691.54
	5,498,248.49	6,839,495.03
<b>CURRENT LIABILITY</b>		
Audit Fees Payable		
Expenses payable	146,818.00	105,318.00
<b>TOTAL</b>	<b>6,589,633.49</b>	<b>7,879,380.03</b>
<b>APPLICATION OF FUNDS</b>		
<b>CURRENT ASSETS</b>		
Cash in Hand	1,000.00	-
Cash at Bank in current accounts	1,084,765.90	1,642,621.60
Cash at Bank in Fixed Deposits	5,146,706.59	5,620,347.66
Interest Accrued on above	303,922.00	562,222.77
Tax deposit recoverable	53,239.00	54,188.00
<b>TOTAL</b>	<b>6,589,633.49</b>	<b>7,879,380.03</b>
As per our report of even Date attached		
For Parasuraman & Associates Chartered Accountants FRN No.025407N		
 N PARASURAMAN F.C.A Memb. No. 083102	 VEENA KHANDURI ( Executive Secretary)	 R.K. AGGARWAL (President)
Place: New Delhi Date : 26-09-2022 UDIN No. 22083102 AVSNFY 7213		





# FINANCIAL REPORT

INDIA WATER PARTNERSHIP (Regn No.-HR0182013-00867) 76-C, Sector-18, Gurgaon- 122015		
Income & Expenditure Account for the year ended on 31st March,2022		
Particulars	Current year (Rs.)	Previous year (Rs.)
<b>INCOME</b>		
Grant from WRG		
Grant for WACREP		
Grant from IWMI-GWP	3,538,204.94	3,043,782.48
Funds for Baseline Survey on Youth	-	175,066.00
Management Cost Received	226,976.00	198,787.00
Annual Membership Fees	2,500.00	4,500.00
Interest from banks (S/A & FD)	355,594.00	343,800.46
<b>TOTAL</b>	<b>4,123,274.94</b>	<b>3,765,935.94</b>
<b>EXPENDITURE</b>		
GWP Project Expense	3,483,289.48	2,939,851.40
M & E Expenses on CORE	144,257.00	-
Audit fees	11,975.00	11,800.00
Office & Administrative Expenses	-	2,593.00
India Water Week under JSA	1,825,000.00	-
Surplus/(Deficit) for year transferred to General Fund	(1,341,246.54)	811,691.54
<b>TOTAL</b>	<b>4,123,274.94</b>	<b>3,765,935.94</b>
As per our report of even Date attached		
For Parasuraman & Associates Chartered Accountants FRN No.025407N		
 N PARASURAMAN F.C.A Memb. No. 083102	 VEENA KHANDURI ( Executive Secretary)	 R.K. AGGARWAL (President)
Place: New Delhi Date : 26-09-2022		

UDIN No. 22083102 AVSNFY 7213



## LIST OF NETWORK PARTNERS

State	Partner Name	State	Partner Name	State	Partner Name
Andhra Pradesh	Rural Integrated and Social Education Society	Delhi	WAPCOS Ltd.		Jain Irrigation Systems Ltd.
	Association for Active Service in Rural Areas		Water Aid (UK) India Liaison Office		Pani Parishad
Assam	AARANYAK		Water Community India		Pravara Institute of Research and Education in Natural and Social Sciences
Bihar	Institute of Environment & Eco. Development	Gujarat	Project ASBAH		S G G S Institute of Engineering and Technology
	Welfare India		Institute of Rural Management, Anand		Society for Promoting Participative Eco-system Management
Delhi	Action for Disaster Resilient and Inclusive Development		N.M. Sadguru Water & Dev Foundation		Women's Water Forum
	Action For Food Production	Haryana	Self Employed Women's Association		Yusuf Meherally Centre
	All India Women's Conference		Indian Environment Law Organizations		Yuva Gram Vikas Mandal
	Alternative Futures		PRAGYA	Manipur	Zougam Institute for Community Resources
	Angelique International Limited		S.M. Sehgal Foundation	Orissa	Adarsha Seva Sangathan
	Central Soil and Material Research Station		Xplorer Consultancy Services Pvt Ltd		Arun Institute of Rural Affairs
	Centre for Youth	Himachal Pradesh	JS Water Energy Life co. Pvt. Ltd.		Association For Awareness and Welfare Activity For Down-Troddens in Society
	CMSR Foundation	Jammu & Kashmir	PRAKRITI		Association for Rural Area Social Modification, Improvement and Nestling
	Exhibitions India Pvt. Ltd.		South Asian Voluntary Association of Environmentalists		Banki Anchalika Adibasi Harijan Kalyana Parisad
	ICLEI South Asia	Jharkhand	Humanity		Grmaya Bikash Manch
	Inspire Network for Environment	Karnataka	Department of Applied Mechanics and Hydraulics		Institute for Rural Development and Planning
	Institute for Development Initiatives		National Institute of Advanced Studies		Narichetna Mahila Institute
	Institute for Human Development		SSJV Projects Pvt. Ltd.		SADHANA
	Institute for Resource Management and Economic Development	Kerala	Samyuktha		Society For Rural Advancement And Democratic Humanitarian Action
	Institute of Economic Growth	Madhya Pradesh	Institute of Regional Analysis		Society for Women Action Development
	IPE Global Limited		Lake Conservation Authority		The CHETANA
	Jaguar Overseas Limited		Madhya Pradesh Institute of Social Science Research		UDYAMA
	Kirloskar Brothers Ltd.		NAVDEEP		Guru Arjun Dev Institute of Development Studies
	Linqoa Consulting Partners		Shivana Area water Partnership		
	Power Grid Corporation of India Ltd	Maharashtra	Eco Needs Foundation		
	Mr. S.C. Jain (Individual Partner)		Gomukh Environmental Trust for Sustainable Development		
	Safe Water Networks, India		Grass Root Action & Social Programmes		
	Society for Development Alternatives		Indian Association & Aquatic Biologists		
	Society for Promotion of Wastelands Development		Indian Social Welfare Society		
	Sulabh International Social Service Organisation		Indian Water Works Association		
	Taru Leading Edge				

## LIST OF NETWORK PARTNERS

State	Partner Name	State	Partner Name	State	Partner Name
Rajasthan	Centre for Environment and Development Studies	Telangana	Sarvodaya Youth Organization	West Bengal	Akshaynagar Pallisri Sangha
	Indian Institute of Rural Management		WORLD		Kalyani Institute for Study, Planning and Action for Rural Change
	Institute of Development Studies	Uttar Pradesh	Aroh Foundation		Nutanhat Development Society
	Jheel Sanrakshan Samiti		Empowering People for Development		Tafa Palli Milani Sangha
Tamilnadu	DHAN Foundation	Uttarakhand	International Development Centre Foundation	Shatmonisha Santi Sangha	
	Human Formation Organisation		Janhit Foundation		
	Terra Firma		NEER Foundation		
	Mr. G. Bhaskar (Individual Partner)		Sharda University		
Telangana	Society for Participatory Development		Retas Enviro Solutions Pvt. Ltd.		
	Indian Association of Aquatic Biologists		Indian Association of Hydrologists		
	Institute of Resource Development and Social Management		Indian Water Resources Society		
			Pan Himalayan Grassroots Development Foundation		

## LIST OF GOVERNING BODY MEMBERS

### Members of Governing Body & Office Bearers

S.no	Name	Position
1	Mr. R K Gupta	President, IWP & Chairman-cum-Managing Director, WAPCOS Limited
2	Mr. Avinash C Tyagi	Vice-President, IWP & Former Secretary General, International Commission on Irrigation & Drainage; Former Commissioner (PP), Ministry of Jal Shakti, Government of India
3	Dr. Aman Sharma	General Secretary ,IWP & Chief Executive Director, Environment, Construction Management & Admn., WAPCOS Limited
4	Ms. Aditi Kapoor	Joint Secretary, IWP & Director, Alternative Futures
5	Ms. Gargi Banerji	Treasurer, IWP & Director, Pragya

### Members of Governing Body including Honorary Members

S.no	Name	Position
1	Dr. Suresh Kumar Chaudhari	Member, IWP & Deputy Director General (Soil & Water Management), NRM Division, Indian Council of Agricultural Research, Government of India
2	Mr. S D Sharma	Member, IWP & Chief Engineer, Irrigation & Water Resources Department Government of Haryana
3	Dr. Ravinder Kaur	Honorary Member, IWP & Principal Scientist, Water Technology Centre, Indian Agricultural Research Institute, Government of India
4	Dr. Alok Sikka	Honorary Member, IWP & IWMI Representative, India
5	Ms. Preeti Madam	Honorary Member, IWP & Former Principal Economic Advisor, Department of Industrial Policy & Promotion, Government of India
6	Mr. Rajesh Jain	Honorary Member, IWP & Managing Director, LPS Bossard Pvt. Ltd.
7	Mr. Anupam Mishra	Honorary Member, IWP & Director, Commercial & HRD, WAPCOS Limited
8	Prof. Santosh Kumar	Honorary Member, IWP & Head, G&IDRR Division, National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India
9	Mr. A B Pandya	Honorary Member, iWP & Secretary General, ICID; Former Chairman, Central Water Commission, Government of India
10	Mr. Debnath Shaw, I.F.S.	Honorary Member, IWP & Regional CouncilMember, GWP-South Asia

## OUR PROJECT/COLLABORATIVE PARTNERS IN 2021-22

### PROJECT PARTNERS :

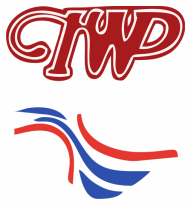


### COLLABORATING PARTNERS :



Indian National Committee  
on  
Intergovernmental  
Hydrological  
Programme





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-  [www.twitter.com/IWPindia01](https://www.twitter.com/IWPindia01)
-  [www.linkedin.com/in/iwpindia](http://www.linkedin.com/in/iwpindia)

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E: iwpneer@gmail.com; veena@cwp-india.org