

India Water Partnership

ANNUAL REPORT
(2014-15)



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ORGANISATION AT A GLANCE

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MISSION

Support Action of
Sustainable and Integrated
Development and Management
of Water Resources at
National, Regional, River-basin/Sub-basin
and Local Levels
in India.



Mr. R K Gupta

President, IWP & Chairman-cum-Managing Director, WAPCOS Ltd.

It gives me immense pleasure in presenting the Annual Report of India Water Partnership (IWP) for the year 2014-15.

Climate change is intensifying the global water cycle and exposing large segments of the world's population to significant water-related hazards. These are expected to increase in severity in time. Floods and droughts are becoming frequent and severe. Rainfall patterns are more unpredictable and sea levels are rising. These changes not only threaten the eco-systems but also livelihoods of people-particularly the poorest and most vulnerable.

India has witnessed severe floods and droughts in the past few years. To address the critical development challenges being faced by India in water sector, IWP during 2014-15 focused its attention on policy perspectives related to water and climate change. In this endeavor, IWP reviewed the State Water Policy of Bihar and Gujarat in line with National Water Policy-2012 with regard to climate change. IWP also reviewed and examined the existing state level regulatory and institutional framework of Maharashtra, Meghalaya and Karna-

taka for operationalization of National Water Policy-2012.

I am also delighted to share that the Water and Climate Resilience Program (WACREP) of GWP-South Asia, which was launched during India Water Week in April 2013, with the aim to improve the climate resilience of South Asian countries to withstand the impact of climate change was successfully implemented by IWP in 8 states; Andhra Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Meghalaya, Mizoram, Rajasthan and Tamil Nadu focusing on integrating climate adaptive planning in drought prone areas; augmenting water security and food security for small farmers by renovating and providing water harvesting structures; documentation of evidence based success stories on grassroots initiatives for water security; training to farmers on efficient and climate resilient farming practices; identification of adaptation practices.

At South Asia level, IWP collaborated with SAARC Disaster Management Centre, Asia Pacific Adaptation Network, Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India and SAARC mem-

ber states for bringing regional actors at one platform to map out pathways to realize the potential of SAARC countries in developing its water resources and draw a regional framework for addressing the issues of water management in the context of climate change and disaster risk reduction.

At national level, IWP collaborated with PHD Chambers, Ashoka University, Gurugao Municipal Corporation, Indian Water Resources Society and Aquatech-India for organizing various water related programs.

It is also a matter of pleasure for me to mention that IWP organized three events during India Water Week-2015 with the support of WAPCOS Ltd., GWP and GWP-South Asia.

The various activities undertaken by IWP during the reporting period are briefly presented in this report.

R.K.Gupta
President

ACKNOWLEDGEMENT

We are grateful to Global Water Partnership (GWP) and GWP-South Asia for providing the technical and financial support for undertaking various activities under different GWP's strategic goals.

We acknowledge with sincere thanks the support received from Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India; WAPCOS Ltd. and the India Water Week Organizing Secretariat in organizing three events during the India Water Week-2015.

We are thankful to our network partners and zonal water partnerships, area water partnerships who implemented the various IWP activities in a successful manner and also to those who have given their support in kind contribution.

We express our sincere gratitude to our Board of Governors, Regional Council Members and Advisory Committee members for their valuable guidance, insight and strategic inputs for enabling us to complete all the activities successfully during the reporting period.

We also acknowledge the support received from officials of Government of India, communities, farmers, students, PRI members, respective state government officials for smooth implementation of our activities across the different states of India.

We also thank our collaborating partners Indian Water Resources Society, Delhi Chapter; PHD Chamber of Commerce and Industry, New Delhi; Gurgaon Municipal Corporation, Haryana; Ashoka University, Sonepat (Haryana); Aquatech-India and SAARC Disaster Management Centre, New Delhi for organizing various workshops and conferences.

Finally, we express our sincere gratitude to WAPCOS Ltd. for hosting the India Water Partnership Secretariat and also for providing in kind contribution in the form of a fully operational office along with conference room facilities and other infrastructural facilities at 76-C, Sector-18, Institutional Area in Gurgaon-122015 (Haryana).

Dr. Veena Khanduri

Executive Secretary-cum-Country Coordinator
India Water Partnership

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ABBREVIATIONS

AGBM	Annual General Body Meeting
AIWC	All India Women's Conference
APAN	Asia Pacific Adaptation Network
AWP	Area Water Partnership
BOG	Board of Governors
CSA	Climate Smart Agriculture
CWC	Central Water Commission
CWP	Country Water Partnership
DFID	Department for International Development
DSDS	Delhi Sustainable Development Summit
GWPO	Global Water Partnership Organization
IELO	Indian Environment Law Offices
IRMED	Institute for Resource Management and Economic Development
IUWM	Integrated Urban Water Management
IWP	India Water Partnership
IWRM	Integrated Water Resources Management
IWW	India Water Week
MDG	Millennium Development Goal
NWP	National Water Policy
PRA	Participatory Rural Appraisal
SDMC	SAARC Disaster Management Centre
SZIWP	South Zone India Water Partnership
WACREP	Water and Climate Resilience Program
ZWP	Zonal Water Partnership

Towards 2020: A new strategy of GWP for building a water secure world

GWP New Strategy "Towards 2020" was launched on the occasion of World Water Day-2014. IWP launched this strategy on March 21, 2014. The new strategy consists of three strategic goals i.e; Catalyze change in policies and practice; Generate and communicate knowledge; and Strengthen partnership. To achieve

these goals, GWP through respective Country Water Partnerships is taking an innovative thematic approach designed to integrate water security initiatives with development actions in six areas viz; climate change; trans-boundary cooperation, food, urbanization, energy and eco-systems.



Fishing by tribal fishermen in a pond of Tadgaon village, Gondia District, Maharashtra: A livelihood source of the Tribal community

Goal I: Catalyse change in policies and practice

1. Position Paper on National Water Policy-2012 in the context of Integrated Water Resources Management (IWRM)

The position paper attempts to critically evaluate the strengths and limitations of the National Water Policy 2012 (NWP 2012) and discuss various water related issues confronting a variety of agro-economic and morphological zones in different regions in India. It offers a set of recommendations and possible actions which could lead to a more effective and timely implementation not only of NWP 2012 but also of water sector reforms in future. The Position Paper has been finalized based on the detailed study and two workshops organized in North and West Zone in 2013. This paper aims to present a position that will help guide implementing agencies, zonal water partner organizations of the India Water Partnership (IWP); Civil Society Organizations and individuals on policy issues related to water sector reforms through a review of the National Water Policy (NWP), 2012. The Position Paper is available on IWP website www.cwp-india.org.

2. Review of Draft State Water Policy of Bihar and Gujarat in line with National Water Policy-2012 with regard to Climate Change

The National Water Policy - 2012, approved by the National Water Resources Council, was adopted by the Government of India during India Water Week-2013. With regard to climate change, the NWP (2012) had laid special emphasis on preparedness at the micro level. According to it "special emphasis should be given towards mitigation at micro level by enhancing the capabilities of community to adopt climate resilient technological options". Since water is viewed as a state subject in India, it is the state governments which play a crucial role in the water management. It will, therefore, be useful if the policy measures related to mitigating the adverse effects of climate change, which are included in the National Water Policy-2012, are also taken into account in the state level water policies. As per the NWP (2012), the State Water Policies are required to be aligned with it. States, however, have been lagging behind in this respect.

In 2014, India Water Partnership reviewed the State Water Policy of Bihar & Gujarat with the support of Institute for Resource Management and Economic Development (IRMED) in line with NWP-2012 with regard to climate change. For the review, four pronged approach was adopted viz;

- i. Desk review of the draft water policy of Bihar and Gujarat and water policy of other States;
- ii. Preliminary discussions with senior officials of State Water Resources Department and line departments of respective States;
- iii. Interaction with officials, grass-root functionaries, NGOs, PRI members, farmers, etc. of selected districts of respective States supported by field level surveys; and finally
- iv. Organizing State level workshops.

Based on the review and recommendations of the workshops, both Bihar and Gujarat Governments have included the climate change aspects in their Final Draft Water Policy in line with National Water Policy-2012. However, it is pending for approval by the respective State cabinet. Full report is available on IWP website www.cwp-india.org.

- ☞ Only 14 states have announced their State Water Policy starting from 1994.
- ☞ 2 Union Territories namely; Daman & Diu and Dadra & Nagar Haveli have adopted National Water Policy - 2012.
- ☞ Remaining states are in the process of revising their State Water Policy.
- ☞ Himachal Pradesh is the only state to bring out a revised water policy in 2013 by including climate change aspects in line with National Water Policy-2012.

3. Review of existing State level regulatory and institutional framework in State Water Policy of Maharashtra, Meghalaya and Karnataka to operationalize National Water Policy-2012

In view of the problems faced in the water sector in terms of availability, quality, access, competing demands among different users, lack of requisite water use efficiency, lack of good governance, rampant extraction of groundwater, it seems very desirable that a national water perspective in our country is in place while planning, managing and developing this scarce, natural resource. National Water policy (NWP) 2012 attempts to address these issues. The policy among other issues recommends having a national framework law to ensure uniformity in some basic principles for

water management across the country. Therefore the NWP calls upon to review all state water policies in order to bring them in consonance with NWP, 2012. Keeping this in view, IWP in 2014 reviewed and examined the State level Regulatory and Institutional Framework in State Water Policy of Maharashtra, Meghalaya and Karnataka to operationalize NWP, 2012 with support of one of its partners Indian Environment Law Office (IELO). The study was conducted based on a template prepared by IELO with the support of IWP on the 16 broad thematic areas as per the NWP, 2012.

The review recommendations call for revamping the regulatory and institutional framework of these states to address the new challenges which are articulated in NWP-2012 such as adaptation to climate change, efficient demand side management of water etc. Full report is available on IWP website www.cwp-india.org.

Goal II: Generate and communicate knowledge

MAJOR ACTIVITIES

1. Awareness generation and water quality testing in Kommaragiri Village, Kakinada District, Andhra Pradesh



Distribution of water quality testing kits

Andhra Pradesh. The activity covered a detailed survey on availability of water (source-wise) for human as well as for livestock; quality of water (source-wise); and sewage scenario in the village. Water quality testing was demonstrated to village community especially the women.

2. Water Quality Monitoring in 15 selected villages of Warangal District, Telangana

Warangal is a agriculture dominant district of Telangana State, carved out from Andhra Pradesh in 2014. Over the years Warangal district has seen increasing pressure on natural resources like land and water, mainly due to high population growth and fast pace of urbanization. In order to increase the agricultural productivity, use of chemical fertilizers has become very common in the district. As a result, the ground water sources have become contaminated. As the drinking water needs of the rural communities at large are met from groundwater sources, it could result in serious health hazards. The water quality analysis records of PHED indicate that more than 1,000 water sources are having fluoride contamination beyond the permissible limits. Similarly, the presence of higher concentration of total dissolved solids and Nitrate is very common in the area.

Keeping these issues in mind, IWP with support from Safe Water Network India undertook water quality monitoring in 15 selected villages of Warangal District dur-

ing 2014 where water treatment plants have been setup. To educate the community on water contamination, simplified Information and Communication Technology tools were developed and disseminated among the farmers and the community in all the 15 project villages for water saving, better crop management and not to use contaminated water for drinking. The study has contributed in understanding the sustainability challenges at local level and developed a set of tools for conducting water balance study and communication material, which is used to sensitize the community about the need for source protection and conservation of water resources and avoid contaminated water for drinking.



World Water Day
March 22
Sponsors: Global Water Partnership, Safe Water Network

3. Events organized during India Water Week-2015

13th to 17th January, 2015 | Pragati Maidan, New Delhi

Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India organized India Water Week-2015 (IWW-2015) from 13th to 17th January, 2015 at New Delhi on the theme "Water Management for Sustainable Development". During India Water Week-2015, India Water Partnership organized following three mega events:

- Panel Discussion on Role of Youth in Sustainable Water Management

14th January, 2015 | Pragati Maidan, New Delhi

Youths are considered as most vibrant and dynamic segment of the country's population. They have the ability to bring positive changes in all walks of life through their dedication and innovative ideas. The Panel Discussion was organised to discuss different ways in which youth can play a greater role in sustainable water management. The panel discussion was chaired



View of the Panel Discussion

(From Left) Dr. Partha J Das, Mr. S C Jain, Ms. Usha Srinivasan, Mr. R. K. Gupta, Mr. Rajeev Gupta, Mr. D K Manavalan, Dr. Sudhirendar Sharma, Dr. G K Tuteja and Dr. Veena Khanduri

by Mr. Rajeev Gupta, I.A.S., Secretary, Ministry of Youth Affairs, Government of India. Mr. R K Gupta, President, India Water Partnership & Chairman-cum-Managing Director, WAPCOS Ltd. was Co-chair of the event.

The Panellists included Dr. G K Tuteja, Program Advisor, National Service Scheme (NSS), Ministry of Youth Affairs, Government of India, Mr. D K Manavalan, I.A.S. (Retd.), Vice President, India Water Partnership & Executive Director, Action for Food Production, Dr. Partha J Das, Head (Water, Climate & Hazard), Aaranayak, Dr. Sudhirendar Sharma, Senior Journalist (Water & Climate Change), Mr. S C Jain, Regional Council Member, GWP-South Asia and Program Leader, Safe Water Network India; and Ms. Usha Srinivasan, Senior Advisor, Development Alternatives.

Key Recommendation

- i. There are 3.3 million Youth volunteers in India whose potential can be tapped for clean India, Ganga river rejuvenation; revival of other water bodies and tree plantation activities. However, their capacity has to be enhanced through various training programs;
- ii. There is need to find a way for involving youths in various development programs of the country including water conservation and its management;
- iii. Youths today are tech-savvy and can be utilized as stakeholders in all the processes;
- iv. There is a need to develop a framework for youths for inclusive sustainable development;
- v. The capacity of youths has to be built for their more active contribution in various activities through different technical institutions;

- vi. Modules for youths involvement in water management have to be created;
- vii. Youths should be made agents of innovative approaches;
- viii. There is a need for awareness generation about water conservation both for urban and rural youths;
- ix. Inter governmental dialogue is important to involve youths in different programs.

- **Regional Day Program of GWP-South Asia on “From Risk to Resilience: South Asia Regional Framework for Sustainable Water Management”**

15th January, 2015 | PragatiMaidan, New Delhi

Changing climate, unplanned development, increased water pollution; rapid population growth etc. have resulted in severe ecological changes in South Asia. Not only the water sources have been adversely affected but the region has become vulnerable to various hydrological shocks posing huge long term recovery challenges. To discuss these pressing issues, India Water Partnership in association with SAARC Disaster Management Centre (SDMC), GWP-South Asia, WAPCOS Limited and Asia Pacific Adaptation Network (APAN) organized the Regional Day Program of GWP-South Asia on “From Risk to Resilience: South Asia Regional Framework for Sustainable Water Management” as part of the GWP-South Asia Water and Climate Resilience Program (WACREP) Phase-I.

Objective of the Program was to draw upon regional experience, knowledge and case studies to discuss how increasing water use efficiency can help create a society that is more resilient to climate change and natural



Inaugural Address by Ms. Uma Bharti, Hon'ble Minister of Water Resources, River Development and Ganga Rejuvenation, GoI
 (From Left) Prof. Santosh Kumar, Mr. I R Oonta, Mr. Anuj Kumar Bishnoi, Mr. R K Gupta and Dr. Veena Khanduri

disasters. The Program was inaugurated by Ms. Uma Bharti, Hon'ble Minister of Water Resources, River Development and Ganga Rejuvenation, Government of India. The Welcome Address was given by Mr. R K Gupta, President, India Water Partnership & Chairman-cum-Managing Director, WAPCOS Ltd. Prof. Santosh Kumar, Director, SAARC Disaster Management Centre (SDMC), New Delhi briefed about objectives of the Regional Day Program. The Keynote Address was delivered by Mr. Anuj Kumar Bishnoi, I.A.S., Secretary, Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India which was followed by address by Mr. R K Jain, I.A.S., Secretary, National Disaster Management Authority, Government of India and address by Mr. I R Oonta, Chair, GWP-South Asia. Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator extended vote of thanks.

Key Recommendations:

- i. The member countries of SAARC and GWP-South Asia should emphasize on a regional framework which should lay special emphasis on developing climate resilience and reducing risks;
- ii. Best practices need to be drawn from the region on community based watershed management projects;
- iii. There is need to enhance understanding of the impacts of land use and water resource planning;
- iv. At the country level efforts to be made to meet water sector infrastructure requirements including operation and maintenance costs;
- v. Addressing sustainable water management in an integrated disaster risk management approach;
- vi. Setting-up a South Asia Water Forum to exchange water related experiences and knowledge regularly;

- vii. Bringing all stakeholders and important actors at one platform to discuss contemporary water & climate change related issues;
- viii. Capacity building on weather forecasting system within South Asia;
- ix. Training and building awareness at the community level on climate change & adaptation;
- x. Regional Cooperation is required in space & technology and early warning systems, etc.

- **Workshop-cum-Training Program on Integrated Urban Water Management**

16th January, 2015 | Pragati Maidan, New Delhi

Water security is under intense pressure in both urban and rural areas, and the very nature of urbanization contributes to water stress situations both from a quantity and quality perspective, owing to the main factors like; rapid population growth, changing life styles, poor waste water management and sanitation, competing demands on the resource, lack of good governance in water management etc. As India continues to urbanize at a rapid pace, these challenges will further increase unless properly addressed and planned.

To discuss about the challenges in urban water management and the possible way forward, India Water Partnership in collaboration with Global Water Partnership organized a Workshop-cum-Training Program on "Integrated Urban Water Management (IUWM)" during India Water Week-2015.

The Workshop-cum-Training Program was inaugurated by Dr. Amarjit Singh, I.A.S., Additional Secretary, Ministry of Water Resources, River Development and



Ganga Rejuvenation, Government of India. The Opening Remarks was given by Mr. A B Pandya, Chairman, Central Water Commission, Government of India and the Welcome Address was delivered by Mr. R K Gupta, President, India Water Partnership & Chairman-cum-Managing Director, WAPCOS Ltd. Ms. Angela Klauschen, GWP Senior Network Officer, China & South Asia also shared her views. The program was facilitated by Mr. François Brikke, GWP Senior Network Officer, Central Africa and South East Asia in association with Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP. Mr. T V S N Prasad, I.A.S., Joint Secretary (Policy & Planning), Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India chaired the second session.

Key Outcomes:

- i. India's water security comes under "hazardous zone" in a report published by ADB;
- ii. IUWM is an approach that includes interventions over entire urban water cycle; reconsideration of the way water is used and reused and greater application of natural systems for water and waste water treatment;
- iii. The new thinking of urban water management calls for a new generation of urban leaders with radically different thinking to deliver a real paradigm shift;
- iv. Worldwide, the consumption of water is doubling every 20 years - more than twice the rate of increase in population and the crisis is more in South Asia;
- v. Indian town/cities need to become prosperous without more water;
- vi. It is rare to find an integrated approach to the management of water, sanitation, solid waste disposal and storm water;
- vii. IUWM approach calls for planning all urban water components simultaneously;
- viii. Wastewater can be treated and reused for other purposes such as gardening and toilet flushing.

4. Interactive Session on "Need of the Hour in Water Resources Sector" in association with Indian Water Resources Society (IWRS)

20th June, 2014 | Centre Water Commission (CWC), New Delhi

India's water resources sector is facing multiple challenges, which are likely to become more profound and complex in the coming years. To discuss these issues an interactive session was organized jointly by India Water Partnership and Indian Water Resources Society. About 100 experts, academicians and eminent persons actively participated in the session. The following two issues were taken-up for discussion and deliberation:

1. River Development – scope & way forward
2. Benefit-Cost Ratio for deciding upon feasibility of Water Resources Projects in the context of new laws and acts
5. National conference on "Preserving Rivers in India" in association with PHD Chambers of Commerce and Industries

25th June, 2014 | PHD Chambers of Commerce and Industries, New Delhi

PHD Chambers of Commerce and Industries organised this conference with the support from India Water Partnership and Ministry of Drinking Water & Sanitation, Government of India. Objective of the conference was to initiate and put in place a scientific protocol, centered on the protection of river Ganga and other rivers through scientific practices. The conference also aimed to bring attention for the revival of the dead streams and water bodies.

Ms. Uma Bharti, Hon'ble Minister of Water Resource, River Development and Ganga Rejuvenation, Government of India was the Chief Guest of the event. In her speech she em-



Ms. Uma Bharti, Hon'ble Minister for Water Resources, River Development and Ganga Rejuvenation, Government of India sharing her views

phasized the need to empower the children and the youth about the importance of conservation and preservation of the environment. She requested various stakeholders for their support in the rejuvenation of rivers. Ms. Uma Bharti praised the efforts of IWP, PHD Chambers of Commerce and Ministry of Drinking Water & Sanitation, Government of India for organizing this conference on such an important issue.

6. Consultation on “Emerging and Critical Issues of Climate Change Adaptation” under Asia Pacific Adaptation Network (APAN) and GWP-South Asia Initiative

25th July, 2014 | Development Alternatives Headquarters, New Delhi

A consultation was organized by IWP in association with Development Alternatives (one of the IWP's network partner) under Asia Pacific Adaptation Network (APAN) and GWP-South Asia initiative. The objective of this consultation was to identify the emerging and critical issues of climate change adaptation that concern the water security of India. Discussions in the consultation helped to identify consolidate country's perspective on climate change adaptation and water security. The main agenda of this consultation was to come up with recommendations to strengthen the technical paper of India which would feed into the Asia Pacific Adaptation Network regional synthesis report focusing on South Asia's status with respect to Climate Change and Water Security. The consultation focused on three key issues and comprised of Inaugural Session, followed by three Technical Sessions on:

- Water Security : Progress and Success Stories;
- Knowledge, Skills and Practices for Climate Change Adaptation; and,
- Enabling Policies and Institutional Framework for Climate Change Adaptation in Water Sector

The consultation was attended by more than 30 participants comprising of wide range of stakeholders from Ministry of Water Resources, River Development and Ganga Rejuvenation, Ministry of Agriculture, Central Water Commission, Government of India, representatives of Research Institutions; like International Water Management Institute, The Energy & Research Institute, Jawaharlal Nehru University, Indian Institute of Technology, New Delhi; representatives of bi-lateral agencies like; UNDP-India, Community Based Organizations and IWP network partners.

Based on the consultation, IWP prepared a Synthesis Paper on “India's Status on Water Security with respect to Emerging and Critical Issues in Climate

Change Adaptation” and a policy brief on “Water Security and Climate Change Adaptation: The Management Perspective in India” was also prepared. Both, the synthesis paper and policy brief are available on IWP website www:cwp-india.org

7. Clean India Campaign Celebration by India Water Partnership (IWP) and WAPCOS Ltd.

October 2nd, 2014 | Gurgaon

In synchronization with Prime Minister's Clean India initiative, this campaign was launched by India Water Partnership in collaboration with WAPCOS Ltd, a partner of Global Water Partnership (GWP) on the occasion of Swachta Diwas on October 2nd, 2014. WAPCOS Ltd. is also the Secretariat of IWP. This campaign was launched in all the offices of WAPCOS Ltd. in India and abroad. Mr. R K Gupta, President, IWP and Chairman-cum-Managing Director, WAPCOS Ltd. spear headed the campaign by taking up the pledge for the clean drive in all the offices of WAPCOS Ltd. and its surroundings. All the employees actively participated in cleaning the office premise and also took the pledge to maintain the cleanliness of their work stations and surroundings at all times.

8. World Water Day Celebration at various Places in India

IWP celebrated World Water Day during 2014-15 at various places and several events were organised. These include:

- i. Panel Discussion on “Water - A Key to Sustainable Development” organized on 17th March, 2015 at Ashoka University Campus, Sonepat, Haryana;
- ii. Walk for Water at Gurgaon, Haryana on 22nd March, 2015;
- iii. Workshop organized by Shivana Area Water Partnership on 22nd March, 2015 at Mandsaur, Madhya Pradesh;
- iv. Round Table on Water Goal in support of Dedicated Water Goal by South Zone India Water partnership and World Water Celebration at Ramanathapuram district, Tamil Nadu 22nd March, 2015; and,
- v. Seminar on “Water and Sustainable Development” organized at Sri Nagar, Jammu & Kashmir on 22nd March, 2015.

The details are given below:

- Panel Discussion on “Water - A Key to Sustainable Development”

17th March, 2015 | Ashoka University, Sonepat (Haryana)

A panel discussion on “Water - A Key to Sustainable Development” was organized by Ashoka University, Sonepat, Haryana on 17th March, 2015 in association with IWP. Mr. Rajendra Singh (Water Man of India) was the Chief Guest and one of the panellists. The other panellists were; Mr. Manoj Misra- Former I.F.S & Executive Director, PEACE Institute, Mr. Vimlendu Jha - Founder, Swechha and Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP. The welcome address was given by Prof. Rundrangshu Mukherjee, Vice-Chancellor, Ashoka University. The event was facilitated by Mr. Himanshu Shekhar, University student and a member, World Youth Water Parliament. In the event, 150 copies of Briefing Note on “In support of a Dedicated Water Goal” prepared by GWP was circulated.



(From Left) Dr. Anant Sudarshan, Mr. Manoj Misra, Mr. Rajender Singh, the Water Man of India and Chief Guest, Mr. Vimlendu Jha and Dr. Veena Khanduri

Mr. Rajendra Singh pointed some of the ground realities of water related problems and their causes. Urging the audience to play an active role, he presented certain potential areas where students could certainly help in water conservation activities. It was followed by the session of Dr. Anant Sudarshan, Professor of Environmental Studies at Ashoka University. Dr. Veena Khanduri in her session, stressed the need for sustainable solutions that involves the use of 3R's i.e. Reduce, Reuse and Recycle to address the problem of shortage of water. She also highlighted that as diverse stakeholders compete for the common resource, each one plays an important role in contributing to as well as sharing the impacts of the water risks. Mr. Vimlendu Jha proposed a more aggressive approach that involved questioning the government and development authorities. Criticizing the unplanned urbanization and inefficient sewage plants, he commented that the war over water has already begun as some cities

experience serious shortages of water. According to Mr. Manoj Mishra, the sole solution to all the problems is to let the rivers flow.

- Walk for Water on the occasion of World Water Day-2015 at Gurgaon, Haryana

22nd March, 2015 | Gurgaon

India Water Partnership (GWP-India) celebrated World Water Day-2015 on 22nd March, 2015 in association with Municipal Corporation, Gurgaon, at C 1 Block Ground, PalamVihar, Gurgaon (Haryana). On the occasion, a Walk for Water was also organized. The event was inaugurated by Mr. T.L. Satya Prakash, I.A.S., Deputy Commissioner, Municipal Corporation, Gurgaon and jointly coordinated by Mr. Parminder Kataria, Deputy Mayor, Gurgaon and Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, India Water Partnership (GWP-India). The other dignitaries present on the occasion were; Mr. Jitender Kumar, Olympian Boxer and Arjun Awardee, Mr. Raj Chauhan, Film Actor, Mr. Mangat



Inaugural address by Mr. T. L. SatyaPrakash, I.A.S., Deputy Commissioner, Municipal Corporation, Gurgaon

Ram Bagri, Municipal Councillor & Member, Water Supply, Sewage & Drainage Disposal Committee, Gurgaon, Mr. Pradeep Mohapatra, Coordinator, Udayama (IWP network partner), Presidents and Secretaries of various blocks of Gurgaon, school children, representatives of social service organizations, etc.

Inaugurating the function, Mr. T.L. SatyaPrakash, said that the population of Gurgaon has reached to around 10 lakhs and is further increasing each passing day. Earlier there were four aquifers which were supplying water to Gurgaon and at present three aquifers have almost dried up and only one aquifer is there to cater to the needs of the growing population. He further said that it is expected that only one aquifer which is alive now can feed water to Gurgaon only for next around 15 years. So what after that? Now the time has come to give a serious thought for conserving water for future generation of not



Walk For Water by students and other participants



Address by Mr. Narendra Sipani, President, Shivana Area Water Partnership

only of Gurgaon but also for the whole country. Speaking on the occasion, Mr. T. L. Satya Prakash also stressed for water conservation for future use. He said that on the occasion of World Water Day-2015, let all of us take the pledge to save at least one litre of water per day and spread this message to our neighbours and also request them to convey this message to others. Dr. Veena Khanduri, said that India is facing persistent water resource crisis. She cautioned that with the total water demand expected to rise over 70% by 2025 (from 634 billion cubic meter to 1093 billion cubic meter), a huge demand and supply gap could arise. Hence current planning and management is insufficient. She also said that in Gurgaon city, the level of ground water is falling continuously. In 2014, it was 33.24 meter and If suitable measures are not taken up by all stakeholders, then the ground water level may go further to the level of 50 meters by 2030. She emphasized that to tackle this scenario; we need a commitment to use water in a judicious manner. Mr. Pradeep Mohapatra, shared with the participants about the efforts of Udyama towards water conservation including restoration of water bodies, mitigation of climate change and conservation of bio-diversity in Orissa and other parts of the country.

At end of the function, Walk for Water was organized wherein the participants including students and the community walked for around 2 Kms on different roads of Gurgaon.

- **Workshop by Shivana Area Water Partnership at Mandsaur, Madhya Pradesh**

22nd March, 2015 | Mandsaur, Madhya Pradesh

India Water Partnership (GWP-India) celebrated World Water Day-2015 with the support of Shivana Area Water Partnership (AWP) at village Balaguda, Mandsaur district of Madhya Pradesh State on 22nd March, 2015. The Guests on the occasion were; Mr. Sudhir Gupta, Member of Parliament, Mandsaur and Ms. Priyanka Goswami, District Panchayat President, Mandsaur.

The event commenced with the Welcome Address by Mr. Narendra Sipani, President, Shivana AWP. He said that the Shivana AWP was constituted by India Water Partnership in 2012. He further said that through Shivana AWP awareness generation programs are conducted to make the Shivana river flow during all the 12 months and also keep the river free from pollution. Mr. Sipani shared that after formation of Shivana AWP, a number of awareness generation activities were undertaken in the catchment villages of Shivana river. He also announced that in the coming year two programs would be conducted with the support of agricultural & water scientists and experts to seek their guidance for growing Rabi and Kharif crops with stress on more productivity with less water. Mr. Ghanshyam Batwal, Member of Shivana AWP and Senior Journalist stressed for giving a serious thought to water conservation in the present scenario. Dr. S N Mishra, Chief Scientist of Horticulture University said that in Balaguda village, Soil Testing Laboratory would be established very soon and youth of the villages would be imparted training on soil testing. While presenting her view Ms. Priyanka Goswami informed that in Mandsaur District Panchayat, the process of identifying watersheds is going on and community participation is required to maintain the watersheds. She also informed that the District Panchayat is approaching to meet the target of issuing soil testing and soil health cards to all the farmers of the district. Mr. Sudhir Gupta said that Balaguda village comes in a watershed area. He appealed all the participants and people of the village to actively participate in the watershed activities for water conservation. To make the village green, he also appealed for digging contour trenches, do plantation and safeguard the forests. He also appealed to people for constructing toilets in their houses to stop open defecation. He informed that beneficiary family would receive an honorarium of Rs, 12,000/- for constructing toilet at home.

During the programme, an exhibition by Micro-Chemicals;

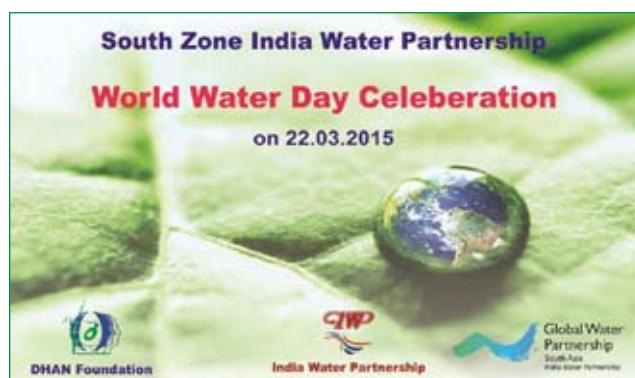
District Agriculture Division; Horticulture Division and Watershed Committee was also organised.

- Round Table on Water Goal in support of Dedicated Water Goal by South Zone India Water partnership

22nd March, 2015 | Madurai , Tamil Nadu

Each year, World Water Day highlights a specific aspect of freshwater. Under the theme 'Water and Sustainable Development', the year 2015 provides an important opportunity to consolidate and build upon the previous World Water Days to highlight water's role in the sustainable development agenda. South Zone India Water Partnership (SIZWP), under the umbrella of India Water Partnership, located in DHAN Foundation, Madurai, Tamil Nadu India celebrated World Water Day 2015 in the form of a Round Table on Water Goal in support of Dedicated Water Goal as part of Sustainable Development Goal 2015.

Mr. N. Venkatesan, Chief Operating Officer of DHAN Vayalagam (Tank) Foundation (DVTF) highlighted the importance of water conservation and shared the broader mandate of DVTF in conservation and development of fresh water community infrastructures across six states in India. He also highlighted the water foot prints in human life by providing few data citing from United Nations. Mr. A. Gurunathan, Chief Executive of DVTF and Coordinator of South India Zonal Water Partnership discussed about the Dedicated Water Goal of Global Water Partnership in SDG 2015. He also gave very important facts and figures related to water sector in the Indian context based on the handout of Media briefings of IWMI, Colombo. He also brought out a new perspective on Water- Food - Energy Nexus in developing countries. Mr. A. Madhan Kumar, Programme Leader (Research) of DHAN Foundation stressed the research dimensions in Water Sector and how best the investment in water research would help and improve the standard of living of humanities across the nation. Mr. C. Jacob, Chief Finance Officer of DVTF gave the vote of thanks.



- World Water Celebration at Ramanathapuram District, Tamil Nadu

March 22, 2015 | Kadaladi block, Ramanathapuram district

The World Water Day event was organized by DHAN Foundation in Kadambangulam village of Kadaladi block in Ramanathapuram district on March 22, 2015, the village in which the DHAN Foundation had completed the implementation of drinking water pond (Oorani) project under Water and Climate Resilience Program (WACREP) Phase-I supported by GWP-India and GWP-South Asia. Focus of the event was to sensitize the villagers including youths and school children on the importance of water and its conservation. The Vayalagam members and leaders, school children, school teachers including retired teachers and village leaders participated in the event.

- Seminar on Water and Sustainable Development

March 22, 2015 | Srinagar (Jammu & Kashmir)

India Water Partnership (GWP-India) with the support of its partner organization; South Asian Voluntary Association of Environmentalists [SAVAE] organized a seminar on Water and Sustainable Development on the occasion of World Water Day on March 22nd, 2015 at Tahira Khanam's College of Education in Srinagar (Jammu & Kashmir) in order to assess the causes behind the contamination of water and its serious implications on the health. The problems associated with the pollution of water like spread of diseases on human and livestock, suffering of aquatic life etc., were discussed by the participants. The main objectives of the debate were:

1. Identifying the main causes of water pollution
2. Providing the information about the harmful effects caused due to contamination of water.
3. Assessing the mental capabilities of students as how much aware they are about this resource.
4. Identifying some measures which can help reduce water pollution
5. Recommendations for the government as well as several organizations.

GOAL -III: Strengthening Partnership

1. Promotion and strengthening of Area Water Partnerships (AWP)

i. Shivana AWP, Madhya Pradesh

The Shivana AWP promoted construction of stop dams along the Shivana river for better water management of the river; organized awareness generation programs for preventing pollution in the Shivana river; held meetings with community, stakeholders and officials of the Mandaur district line departments for removing Hyacinth (species of flowering plants), which are rapidly expanding in the Shivana river.

ii. Jajmau AWP, Kanpur, Uttar Pradesh

To prevent pollution in the Ganga river, the Jajmau AWP organized an education program for general public to educate people for preventing pollution in the Ganga

river; held dialogues with different political parties to seek their support for influencing the government to take preventive measures; held meetings with tannery associations, local NGOs and Municipal Corporations, ward members for a possible solution for preventing pollution in the river.

iii. Wainganga AWP, Maharashtra

Wainganga AWP held various awareness generation campaigns for managing water resources along the Wainganga River keeping in view the climate change impacts. A freshwater bio-diversity conservation group was formed in 2014 for conserving freshwater fishes. The Wainganga AWP advocated that there is need to draft State level Fishing Policy that can take care of the traditional fishing community. World Fish Migration Day was also celebrated on 24 May, 2014 at Nawegaon village, Gondia District, Maharashtra.

2. Focus on Governance Issues

i. 12th Annual General Body Meeting

The 12th Annual General Body Meeting of IWP was conducted on 10th November, 2014 at Kailash Building WAPCOS Ltd, New Delhi. In the meeting, minutes of 11th General Body meeting was confirmed; Progress report on IWP activities was presented and work plan and budget for 2015 for core program and Water & Climate Resilience Program was ratified.

ii. 23rd Board of Governors Meeting of IWP

The 23rd Board of Governors meeting was held on 12th February, 2014 at Kailash Building, WAPCOS Ltd., New Delhi. In the meeting, minutes of 22nd BoG meeting was confirmed; action taken report was presented; brief summary on activities undertaken from November 2013 till February, 2014 was presented; approval for appointment of auditors for audit of IWP institutional fund for 2013-14 was obtained; and authorization for appointment of a new Consultant for Water & Climate Resilience Program (WACREP) was obtained.

iii. 24th Board of Governors Meeting of IWP

The 24th Board of Governors meeting was held on 23rd June, 2014 at Kailash Building, WAPCOS Ltd., New Delhi. In the meeting draft annual report for 2013-14 was placed for approval; approval on annual accounts for the year 2013-14 was obtained; authorization taking net banking facility from Syndicate bank was obtained; approval for appointment of auditors for audit of 2014 GWP funds was obtained and progress report on the activities undertaken from March to May, 2014 was presented.

iv. 25th Board of Governors Meeting of IWP

The 25th Board of Governors meeting was conducted on 27th October, 2014 at Kailash Building, WAPCOS Ltd., New Delhi. In the meeting, progress report on activities undertaken between June to October, 2014 were presented; Discussions took place on organizing two events during India Water Week-2015 and Draft Position Paper on "Understanding and Implementing the National Water Policy-2012" was presented.

v. 26th Board of Governors Meeting of IWP

The 26th Board of Governors Meeting of India Water Partnership was held on 27th March, 2015 at India International Centre, New Delhi. In the meeting, the newly nominated Board of Governor, Mr. T V S N Prasad, I.A.S., Joint Secretary & Mission Director, National Mission for Clean Ganga (NMCG) was welcomed and introduced with the other Board of Governors; Progress Report on the activities undertaken by IWP from November, 2014 to February, 2015 was presented before the Board of Governors; Audit Report of GWP funds received by India Water Partnership for the Financial Year-2014 was presented which was approved; Approval of Board of Governors was sought on India Water Partnership association with Hindustan Unilever Foundation and 2030 Water Resources Group as non-financial partner in the workshop to be organized on 5th May, 2015 at New Delhi. The Board of Governors approved the same.

3. Representation at multiple forums

i. Third Meeting of Technical Committee of India Water Week-2015

Dr. Veena Khanduri, Executive Secretary, IWP as a member of Technical Committee of India Water Week-2015 attended the 3rd meeting of the Technical Committee on 7th April, 2014 at Central Water Commission, Government of India. The meeting was chaired by Chairman, Central Water Commission. During the meeting following issues were discussed/decided:

- The Sub-themes of IWW-2015 Conference were discussed by the members along with the topics/ events.
- The names suggested by the Nodal officers for Chairman/Co-Chairman for various Technical Sessions of IWW-2015 along with brief write up prepared by them for each session were discussed. It was decided to constitute a Sub-Committee for finalization of the brief write up for each session and finalization of the names of Chairman/Co-Chairman of the sessions.
- The members were informed that the draft of first information bulletin for IWW-2015 has been circulated to all members along with the write-up on various sessions. The proposed dates for the event are 13-17 January 2015. It was decided that the information bulletin may be suitably modified incorporating the final topics and firmed up dates and venue.
- It was decided that the professional/experts from abroad who are likely to participate in the IWW-2015 may be identified at an early date.

ii. India Water Partnership support to Aquatech India 2014 as Technical and Knowledge Partner

Aquatech India-2014 was organized from 6th to 8th May, 2014 at Pragati Maidan, New Delhi under the auspices of Amsterdam RAI and Inter Ads-Brooks Exhibitions (India)



View of Aquatech India - 2014

Pvt. Ltd. India Water Partnership supported Aquatech-2014 as a technical contributor and knowledge partner. This event provided a platform to raise awareness on water supply and wastewater treatments in India. During the event, the Aquatech India exhibited high quality water technologies and organized conferences through different sessions. The key speakers from India Water Partnership for the various technical sessions were; Mr. D K Manavalan, I.A.S. (Retd.) & Vice-President, India Water Partnership, Mr. S C Jain, Regional Council Member, GWP South Asia & former Joint Secretary, India Water Partnership, Mr. Ravindra Sewak, India Country Director, Safe Water Network India & Representative IWP and senior officials of India Water Partnership partner organizations namely; Mr. D. B. Panse & Mr. T. Venkataramu from Indian Water Works Association and Dr. D. N. Kulkarni from Jain Irrigation Systems Ltd.

iii. Participation in "Ganga Manthan"- A National Dialogue on Rejuvenation of River Ganga

Mr. R. K. Gupta, President, IWP and Dr. Veena Khanduri, Executive Secretary, IWP participated in a day-long national dialogue on rejuvenation of the sacred river Ganga. The dialogue was named as "Ganga Manthan" and it was organized on July 7, 2014 at Vigyan Bhavan, New Delhi by the Ministry of Environment & Forests and Climate Change, Government of India under National Mission for Clean Ganga. The aim was to bring together various stakeholders on a single platform to discuss the issues and possible solutions of the challenging task of Ganga Rejuvenation. Ms. Uma Bharti, Union Minister for Water Resources, River Development and Ganga Rejuvenation, Government of India was the Chief Guest. She said that the whole country and the people from every section of the society, irrespective of their faith are committed for continuous and uninterrupted flow of Ganga from Gangotri to Ganga Sagar. Ms. Uma Bharti further told that there won't be any shortage of funds for Ganga Rejuvenation Program. During the event four parallel sessions on "Ganga & Sanskriti" (for Spiritual Leaders), "Public Participation for Ganga" (for Public Representatives & Administrators), "Aviral & Nirmal Ganga" (for NGOs & Environmentalists) and "Comprehensive & Sustainable Solutions" (for Academicians & Technocrats) were organized. Union ministers, Members of Parliament, scientists, experts, religious leaders and NGOs attended the event.

iv. Participation in first meeting of Organizing Committee of India Water Week-2015

The first meeting of Organizing Committee of India Water Week-2015 was held at Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India to work out the various

modalities. The meeting was chaired by Additional Secretary of the Ministry. The Executive Secretary, India Water Partnership attended the meeting as a member of Organizing Committee.

v. Participation in 3rd meeting of Central Advisory Board of WaterEx-2015

WaterEx-2015, an International Conference and Exhibition was organized in Mumbai from 29 to 30 January, 2015. Theme of this event was "Water for Ever, Water for All". India Water Partnership supported this event as "Non-Financial Supporter" and acted as knowledge partner. As a member of Central Advisory Board (CAB), Dr.Veena Khanduri, Executive Secretary, India Water Partnership attended the 3rd meeting of CAB which was organized at Central Water Commission on 19th August, 2014 under the Chairmanship of Mr.A B Pandya, Chairman, Central Water Commission, Government of India. The meeting was attended by 17 CAB members.

vi. Regional Council Meeting of GWP South Asia from 10th to 11th October, 2014 at Colombo, Sri Lanka

The 20th Regional Council (RC) Meeting of GWP-South Asia was held at International Water Management Institute, Colombo, Sri Lanka. Mr. D K Manavalan, I.A.S (Retd.), Vice-President, IWP participated on behalf of President, IWP. Mr. S C Jain and Dr. K Vijaya Lakshmi participated in the meeting as the capacity of Regional Council members. Dr.Veena Khanduri, Executive Secretary-cum-Country Coordinator, IWP attended the RC meeting as observer.

vii. Representation in Technical Committee Meeting of India Water Week-2015

Dr. Veena Khanduri, Executive Secretary, IWP as a member of Technical Committee and Organizing Committee of India Water Week-2015 participated in the 5th Technical Committee Meeting of India Water Week-2015 held on 14th November, 2014 at Central Water Commission, Ministry of Water Resources, Government of India. The

Participation in World Water Week-2014 at Stockholm, Sweden

Dr. Veena Khanduri, Executive Secretary, IWP attended the Stockholm Water Week-2014 from 31st August to 5th September, 2014 along the Mr. R K Gupta, President, IWP & Chairman-cum-Managing Director, WAPCOS Ltd. and Mr. Alok Rawat, I.A.S, Secretary, Ministry of Water Resources, River development and Ganga Rejuvenation, Government of India. Apart from World Water Week-2014, the above delegates also attended the following meetings:

- **Sideline Meeting of Senior Officials of GWP**

On 31st August, 2014, the Executive Secretary, IWP along with Mr. Alok Rawat and Mr. R K Gupta had a meeting with GWP Senior Officials, namely; Dr Ursula Schaefer-Preuss, Chair, GWP, Dr. Ania Grobicki, Executive Secretary, GWP, Dr. Fraser Macleod, Head Global Projects, GWP and Ms. Angela Klauschen, GWP Senior Network Officer, Asia & China. Purpose of the meeting was to discuss the GWP-IWP programmatic areas and initiatives led by IWP in context of core programme and GWP-South Asia supported Water & Climate Change Resilience Program (WACREP).

- **GWP/OECD side event on the Global Dialogue on Water Security and Sustainable Growth - High Level Panel Discussion**

The Executive Secretary, IWP along with Mr. R K Gupta, President, IWP & Chairman-cum-Managing Director,



Mr. Alok Rawat, I.A.S. Secretary, Ministry of Water Resources, River Development & Ganga Rejuvenation, Government of India during the panel discussion (First from Left)

WAPCOS Ltd. and Mr. Alok Rawat, I.A.S, Secretary, Ministry of Water Resources, River development and Ganga Rejuvenation, Government of India participated in a GWP Side Event "High Level Panel Discussion on Global Dialogue on Water Security and Sustainable Growth" organized on 1st September, 2014. Mr. Alok Rawat was one of the panellists in the discussion. During the panel discussion, Mr. Alok Rawat presented his views on the importance of water in context of India and Post 2015 Agenda as well as the initiatives taken by the Ministry of Water Resources which have been addressed in the India's new Water Policy-2012 for water security.

meeting was convened under the Chairmanship of Mr. A B Pandya, Chairman Central Water Commission and Organizing Secretary, India Water Week-2015.

The main agenda of the meeting was to (i) finalize the event plan ; (ii) finalize names of lead authors/organizations for various topics of sub-themes; (iii) take decision on a session to be organized by partner country; Australia; (iv) decision on the side event to be organized by India Water Partnership and GWP-South Asia.

viii. Meeting on strengthening regional cooperation among Afghanistan, India & Pakistan on climate change resilience (Indus & Kabul Rivers)in Dubai

Strengthening regional cooperation among Afghanistan, India & Pakistan on climate change resilience (Indus & Kabul Rivers) was one of the activities under WACREP Phase-I. The third and last meeting under this activity was held on 29th & 30th January, 2015 in Dubai. The Indian delegation comprised of Prof. S. R. Hashim, former President, India Water Partnership; Mr. S. C. Jain, Regional Council Member, GWP-South Asia and Dr. Veena Khanduri, Executive Secretary, India Water Partnership-cum-Project Director, WACREP (India). The meeting was aimed to discuss the outcome and developments of post-first and second meetings, take stock of the Phase-I activities for devising the way forward and preparations for Phase-II activities.

ix. 15th Delhi Sustainable Development Summit (DSDS) from February 5-7, 2015 at New Delhi

The 15th Delhi Sustainable Development Summit (DSDS) 2015 on Sustainable Development Goals and Dealing with Climate Change was organized by TERI from 5th to 7th February, 2015 in New Delhi. The inaugural address was delivered by HE. Mr. Laurent Fabius, Minister of Foreign Affairs and International Development, France & Former Prime Minister, France & President, COP 21. The Ministerial Address was given by Mr. Suresh Prabhu, Honourable Minister of Railways, Government of India and Mr. Prakash Javadekar, Honourable Minister of State for Environment, Forest & Climate Change, Government of India. Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, India Water Partnership participated in following events of DSDS:

- Session on "From Millennium Development Goals (MDGs) to Sustainable Development Goals (SDGs) and Addressing Climate Change"
- Special Address by Mr. Ban Ki-Moon, Secretary General, United Nations
- Session on "The Agreement that the World Needs at COP 21"
- Session on Technologies for Communities: Improving Groundwater Management in India in association with United Nations Development Program (UNDP)

x. National Workshop on scaling-up of Climate Smart Agriculture: Potential and Challenges in New Delhi

Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, India Water Partnership participated in a National Workshop on "Scaling-up of Climate Smart Agriculture: Potential and Challenges" organized by one of its network partners; Development Alternatives on 12th February, 2015 in New Delhi. The workshop aimed to discuss the following:

- To build a common understanding on the emerging relevance and significance of climate smart agriculture;
- To share the lessons and experiences of climate smart agriculture from the South Asian region;
- To identify effective means of implementation for mainstreaming climate smart agriculture in policy and planning; and;
- To discuss the challenges, potential and opportunities for scaling-up climate smart agriculture.

xi. Meeting with UNDP Officials for organizing World Water Day-2015 in New Delhi

For celebrating World Water Day in New Delhi, Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, India Water Partnership had a meeting with UNDP officials on 26th February, 2015. In the meeting UNDP officials informed that the Chief Guest will be Ms Uma Bharti, Honourable Minister of Water Resources, River Development and Ganga Rejuvenation, Government of India and Regional Director, UNDP and senior officials of UNDP and one representative from Ministry of Environment and Forest & Climate Change, Government of India would be the other invitee. There will be release and presentation of WWD report and screening of UN Water Film and announcement of Stockholm Water Award. It was agreed by the UNDP that they would invite the IWP network partners from Delhi and the adjoining areas and provide space for display of IWP/GWP documents.

xii. Participation in World Water Day-2015 celebration organized by UNDP

On the invitation of UNDP, Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, India Water Partnership (IWP) participated in the World Water Day-2015 celebrated by UNDP on 20th March, 2015. This year the UNDP led the coordination of World Water Day-2015 under the theme "Water and Sustainable Development". The dignitaries present on the occasion were;

- i. Professor Sanwar Lal Jat, Honourable Minister of State for Water Resources, River Development and Ganga Rejuvenation, Government of India;
- ii. Nicoles Ronellini, Dy. Regional Director for Asia &

Pacific and Director Regional Hub, UNDP;

- iii. Flavia Schegel, Assistant Director General for Natural Sciences, UNESCO;
- iv. Rajender Singh, Water Man of India and Magsaysay Award Winner;
- v. Pamela Tshwete, Honourable Deputy Minister of Water & Sanitation, Government of South Africa;
- vi. Shigeru Aoyagi, UNESCO Representative to India, Bhutan, Maldives and Sri Lanka;
- vii. Jaco Cilliers, UNDP Resident Representative a.i. and Country Director;
- viii. Georges Arsenault, UN Resident Coordinator a.i. and UNICEF Representative to India

5. Communication materials developed

During the reporting period IWP prepared the following communication materials and disseminated:

- Newsline on "Augmenting water and food security

of small farmers, by enhancing water storage capacities : A community partnership project"

- Newsline on "Farmers' field school : A school without wall : Coping mechanism of farmers in semi-arid regions"
- Newsline on "Understanding farmers' adaptation to water scarcity: A case study from Wainganga Basin, Maharashtra, India"
- Flip charts on "Improving Water Use Efficiency through better Crop Management: Systems of Rice Intensification"
- Policy Brief on Water Security and Climate Change Adaptation: The Management Perspective in India
- Synthesis Paper on India's Status on Water Security with respect to Emerging and Critical Issues in Climate Change Adaptation
- Policy Brief on Building Resilience for Water Resources in India



Water and Climate Resilience Program (WACREP) Phase-I

1. Introduction

South Asia is endowed with vast water resources, which are essential for basic human needs, agriculture, hydro-power, industries and to sustain aquatic environment. However, as per UNDP estimations, around 2.5 billion people in South Asia, will be affected by water stress and scarcity by 2050. The sub-region has a low resilience due to low per capita water storage capacity. As a result region is likely to be particularly vulnerable to the effects of climate variability, including increased frequency and severity of drought or flood events (Asian Development Outlook 2013).

2. Objectives

Water and Climate Resilience Program (WACREP), an innovative initiative of Global Water Partnership (GWP) South Asia has been devised to improve the climate resilience of South Asian countries to withstand the impact of climate change. More than 40 climate resilience interventions were implemented throughout GWP-South Asia the under first phase (October, 2013 to March, 2015) of the program. This program has been financed by GWPO¹ and DFID². The program intends to enhance Water security & climate resilience through better water resources management in South Asia. It also aims to boost the capacities of partnership, institutes and stakeholders to integrate water security and climate resilience in development planning and decision making process leading to local climate resilience investment program and plans.

The main objectives of the program were:

- Develop and integrate 'no regrets' water security and climate resilience investments into their development plans, budgets and programs;
- Identify solutions to address critical water security challenges to enhance climate resilience of countries and communities;
- Build knowledge and capacity to enhance water security and climate resilience; and

- Operationalize the GWP network with strategic allies and stakeholders to integrate water security and climate resilience in the development process.

3. Implementation of WACREP Phase-I activities in India

IWP undertook WACEP Phase-I activities in 8 States of the country viz; Andhra Pradesh, Karnataka, Maharashtra, Madhya Pradesh, Meghalaya, Mizoram, Rajasthan and Tamil Nadu. The following tasks were completed in 2014.

- i. Augmenting water security and food security of small farmers by rehabilitating or constructing water harvesting tanks; constructing farm ponds in Chittoor district of Andhra Pradesh and alike Kolar district of Karnataka and construction of dug out ponds (Ooranis) for drinking water in Ramnathapuram district of Tamil Nadu

In South India, the ecosystems are endowed with traditional water commons such as irrigation tanks, drinking water ponds (oorani), cattle ponds (Kulams) and the like. They are seen as potential water storage structures to harness unprecedented monsoon and hydrologic flows by effectively moderating floods in excess scenario and mitigating drought in scarce scenario.

- ii. Documentation of a set of no/low regret investment options and opportunities in Drought Prone Marathawada region of Maharashtra

Majority of agricultural land in India is rain fed. Agriculture is a risky operation in drought prone areas. Collecting and storing rain water through various water harvesting structures is one of the cost effective options in such areas. Vanrai, an NGO in Maharashtra, founded by Padmashree Mohan Dharia, has pioneered rainwater harvesting in the dry land areas of Maharashtra and Gujarat since 1984 through innovative technologies like Vanrai Bandhara, loose stone bandhara, soil bandhara, farm ponds etc. During the

¹Global Water Partnership Secretariat (GWPO)

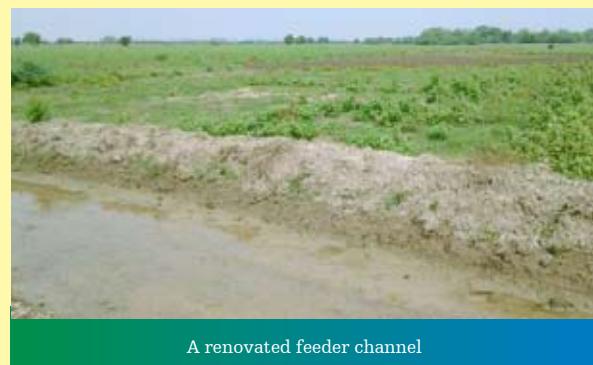
²United Kingdom Department of International Development

IWP with the support of DHAN Foundation completed four major tasks:

- Rehabilitated 4 irrigation tanks benefitting 1000 persons (550 males & 450 females) (About 10000 Cu.M of water augmentation potential have been created, in addition to clearing of about 2500 metres of water supply channel to guide the water to tanks from respective rainwater catchments). Under this activity, 15-20% cost of rehabilitation as cash from the benefitted families as their contribution was mobilized and there was another 10% contribution in the form of labour and voluntary time;
- Deepened 3 Ooranis (Traditional drinking water tanks) benefitting 595 HHs * (1785 persons) (Under each Oorani about 1500 – 2000 Cu.M water storage potential has been created to harvest clean rainwater during North East monsoon in order to meet the drinking water needs of three villages (where the 3 Ooranis have been deepened);
- Constructed 17 farm ponds benefitting 135 persons (About 8750 Cu.Metre of water storage potential has been created in the farm holdings). Under this activity each benefitting farm holder has contributed about 25-50% cost of the farm pond to create a storage potential which is adequate enough to overcome the negative impacts of of climate change;
- Promoted 10 community institutions (Valagams - Association of farmers, women and landless) under social capital benefitting 4083 persons. WACAREP Phase-I has been successful in providing drinking water to human beings, livestock and water for irrigation purpose in the project area.



View of a renovated Oorani



A renovated feeder channel



View of a newly constructed farm pond

The way forward is that the interventions made under WACAREP in the project states could be scaled up by the respective State Governments and other relevant development organizations to garner more benefits to the community. The full report is uploaded on IWP website.

severe drought, these structures saved several villages in Marathwada region of Maharashtra from complete water starvation.

IWP with the support of Institute of Development Initiatives documented 7 success stories from the drought prone areas of Marathwada region of Maharashtra under low/no regret investments for replication in other region/States of India. The success stories relate to (i) People Led Village Trans-

formation in Gawadewadi (Pune district) ; (ii) Watershed Development Transforms Kadvanchi (Jalna district); (iii) Babhulgaon Reaps Benefits of Farm Bunds and Plantation (Aurangabad district); (iv) Common Property Resources Development in Um-ravati (Aurangabad district); (v) Artificial Well Recharge in Bazar Wahegaon (Jalna district); (vi) Roof Top Rain Water Harvesting in Bazar Wahegaon (Jalna district); (vii) Revival of Yelganga River though Community Initiative (Aurangabad district). One of



Yelganga River after revival



Jhum cultivation

the success stories has been made into a learning guide by the Indian Environment Network. Based on the success stories, a documentary film entitled "Water Harvesting for Climate Resilience – The Maharashtra Story-WACREP" has also been prepared and uploaded on Youtube and IWP website. This activity is expected to enable GWP-India and its network partners to design appropriate structures for withstanding drought and climate change in their respective areas of operation. The full report is available on IWP website.

iii. Study on coping mechanisms adopted by rural communities on their traditional wisdom and their relevance for adaptation to climate change, examining how science can add value to traditional/indigenous wisdom and vice versa in Meghalaya and Mizoram

Linking traditional knowledge with respect to its relevance to climate change adaptation is a new area of research. This was an exploratory study on the relevance of traditional knowledge for climate change adaptation. An attempt was made to look at the scientific innovation/ intervention which are required to make the traditional practices more capable of addressing the challenges of climate change.



Chocolate Mahseer fish rearing

IWP with the support of Institute of Development Initiatives prepared 7 case studies based on coping mechanisms adopted by rural communities of Meghalaya and Mizoram (North-East States of India) using their traditional wisdom and their relevance for adaptation to climate change, examining how science can

add value to traditional/indigenous wisdom and vice versa. The case studies are (i) Sacred groves of Mawphlang village, East Khasi Hills District, Meghalaya (Forestry sector); (ii) Rejuvenation of Natural Springs in Mawlingbna village, East Khasi Hills, Meghalaya (Water Resource Sector); (iii) Conveyance of water through bamboo pipes for drinking and irrigation in South Garo Hills and East Khasi Hill, Meghalaya (Water Resource Sector); (iv) Sustainable conservation of local fish species in fish sanctuaries, Meghalaya (Fisheries Sector); (v) Shifting cultivation (Jhum): Saitual and Kaifeng villages, Aizawl district, Mizoram (Agriculture sector); (vi) Weather Prediction systems based on Traditional Knowledge: Reiek Village, Mamit District, Mizoram (Agriculture sector); and (vii) Living root bridges in East Khasi Hills of Meghalaya: bioengineering wonders unique to the region (Transport sector). Based on the case studies, one documentary film has been prepared. The film along with the full report is uploaded on Youtube and IWP website.

iv. Assessment of vulnerability to climate change on water resources, commons, agriculture system and animal husbandry in Sinhar watershed in Bhinder Block in Udaipur district of Rajasthan

Rajasthan is geographically the largest and the eighth most populous state of India. Eighty per cent of the total population depends on agriculture and 19 per cent on animal husbandry for their livelihood. Over two million families live below the poverty line. Bhinder block of Udaipur district (Rajasthan) was selected for interventions under WACREP keeping in view delay in the onset of monsoon, failure of monsoon, variability of monsoon rainfall, long break in monsoon and a real difference in the perseverance of monsoon. IWP with support of Action for Food Production organized awareness



Buck managers with Sirohi breed of goats

generation programs and different interventions were undertaken in the targeted 10 selected project villages of Bhinder block of Udaipur district (Rajasthan). Three Farmers' Field Schools on (a) Agriculture (b) Water and (c) Livestock management has been created for imparting training on best practices on agriculture, water management and livestock management. Creation of awareness on climate related aspect using cultural program for the community of entire project area produced an effective impact. 71 young and progressive farmers were trained on different good agricultural practices; water management practices and livestock management through various training programs. Vulnerability assessment and climate change hazard maps have been prepared based on Participatory Rural Appraisal (PRA) and house hold level base line survey.

A number of soil & water conservation measures have been undertaken in all the 10 selected villages. 26 progressive farmers have been selected for climate smart agriculture (CSA), different CSA were demonstrated during the project period with these

farmers and it has been adopted by other farmers also. Goat breed improvement program started with 5 buck with 35 goat rearing farmers. Participatory water management, resource management practices initiated with 10 farmers for judicious use of water. 26.2 ha area of pasture land has been developed and due to this the fodder production has increased by 46.33 % as compared to previous years and 184 families have been benefitted through pasture land development.

v. **Climate adaptive planning and capacity building programs in Bundelkhand (a semi-arid region of Madhya Pradesh) and Training of Farmers on Climate Resilient Practices for Sustainable Agriculture**

Bundelkhand faces two major problems i.e. inadequate and erratic rainfall and low water retention capacity of the soil. Variability of monsoon as a consequence of changing climate coupled with breakdown of natural resource management practices are the key factors leading to frequent occurrence of droughts. Climatic changes have increased frequency of extreme weather events during past 15 years and raised the vulnerabilities and risks. The continuous years of drought in Bundelkhand have severely affected the agriculture productivity and subsequently weakened the livelihood systems. Thus there is an urgent need to integrate climate adaptive planning in the current institutional system at the grassroots level of Bundelkhand region. This requires mainstreaming climate change adaptation in the current planning process in order to address the issues of growing vulnerabilities and livelihood security of poor and vulnerable communities.

Keeping this in mind, IWP with the support of Development Alternatives undertook climate vulnerability assessment of 8 project villages of Datia district. Based on this assessment, climate adaptive plan for



Participatory Rural Appraisal with villagers



View of soil conservation works in the project area



Climate adaptive planning in Pahari panchayat



Exposure visit of farmers

two selected villages has been prepared. Also a set of adaptation strategies for climate resilient development and an adaptive guide for semi-arid region of Bundelkhand region has also been prepared. The adaptation strategies were disseminated in the different workshops organized by Development Alternatives with the support of IWP. For adopting sustainable agricultural practices, 500 farmers from

different project villages were trained on efficient farming and water conservation measures through different workshops/training programs organized by IWP with the support of Development Alternatives. The trained farmers comprised of 350 males and 150 females. These farmers have also been advised to provide similar training to the other farmers of project as well as non-project area.

vi. Documentation of farm level/pond level practices which have demonstrated resilience to climate change as a reference guide used to enhance capacity in Wainganga sub river basin of Maharashtra

The Wainganga basin is known for its agriculture and fisheries based economy, with over 80% of the community involved in these occupations. Agriculture and fisheries are an integral part of the natural agro-climatic system and extremely sensitive to climate change. Historically, it has largely been perceived that traditional practices in agriculture and fisheries were responsive to nature and had the potential and flexibility to adapt to climate change. However, the systems currently followed in the Wainganga basin have considerably changed for the worse from the traditional management practices. It was therefore felt necessary to document the existing strategies that could be 'climate-responsive' and identify new techniques or management practices which have the potential to survive in the changing climate scenario.

IWP with support of Gomukh Environmental

Trust for Sustainable Development has documented traditional techniques of climate resilience in Wainganga river basin (Maharashtra) namely (i) Sand bed/gal per agriculture and (ii) Maintenance and restoration of Malguzari tanks. The cases mentioned above are excellent examples of people initiated and government initiated adaptive practices/techniques which can effectively increase the resilience of the local community to Climate Change impacts by improving their coping strategies.



View of sand bed/galper agriculture in Wainganga River Basin

Water and Climate Resilience Program (WACREP) Phase-II

The WACREP entered into Phase-II from January, 2015 to be completed by December, 2015. Under WACREP Phase-II, following are the three major focus areas of IWP:

i. **Under Work Package 3 : No/Low Regret Investment in National Development**

IWP with support of Taru Leading Edge is focusing on promotion of Integrated Water Resource Management in Peri-Urban Settings (Action Research to develop innovative IWRM Investments and Preparation of community owned water investment and advocacy plan) in Delhi NCR. The sub-activities planned under this work package are:

- Selection of water stressed area that needs knowledge and technical support in planning, organizing and preparing investment plan to address water and sanitation needs;
- Initiation of action research in selected area with objectives to develop innovative IWRM investment-Desk Research, Reconnaissance visits to the field area, understanding challenges
- Conducting a workshop based on findings of the action research;
- Development of action research framework based on available tools, instruments, sampling, secondary/primary data collection methods, mapping of stakeholders
- Implementation of developed action research framework ; and,
- Preparation of IWRM Plan and Advocacy Plan

ii. **Under Work Package 2: National Development Plan**

IWP with support of Centre for Environment and Development Studies is focusing on Climate Resilient

Development in Mashi sub-basin, Rajasthan. Under this work package, the following sub-activities have been planned:

- Mapping of land resources, water resources and human resources
- Conduct socio-economic survey, data collection on land, livestock, population, extraction of water, livelihood patterns, etc.
- Adaptation/mitigation strategies: Filed survey on adaptation strategies for Society, Government agencies and for Policies
- Climate change impact analysis : data collection on temperature, rainfall, humidity, groundwater aquifers, wind velocity, etc.
- To bring out a report on climate change impacts on Mashi sub-basin

iii. **Under Work Package 6: Capacity Building**

IWP with support of The Energy and Resources Institute (TERI) is focusing on Water-Energy-Food Nexus: Developing a Framework for Resilience Development in Urban Areas with reference to Housing Societies – Gurgaon which is a water stress district of Haryana has been selected for the study. The following sub-activities have been planned under this work package:

- Delineation of hydrological unit in the study area and identification of hot spots for water-energy-food nexus
- Identification of Water-energy-food inter-linkages in multi-storied buildings in study area

Accounts and Finance

The financial year for GWP is from January to December. The audited statements of accounts for the year 2014 in respect of GWP funds and IWP Institutional funds (2014-15) is given below:

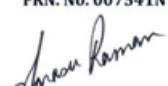
(i) Audited Statements of GWP Funds for 2014 (As on 31st December, 2014)

India Water Partnership
76-C, Institutional Area, Sector-18, Gurgaon

Expenditure	Amount (In Euro)	Income	Amount (In Euro)
Goal 1 - Catalyse change in policy and practice	11,875	Fund Received from GWP-SAS Core Budget	40,000
Goal 2 - Generate and communicate knowledge	10,750		
Goal 3 - Strengthen partnerships	17,375		
Total	40,000	Total	40,000
Goal 1 - Catalyse change in policy and practice	32,288	Fund Received from GWP-SAS WACREP Budget	110,243
Goal 2 - Generate and communicate knowledge	63,684		
Goal 3 - Strengthen partnerships	14,271		
Total	110,243	Total	110,243
Goal 2 - Generate and communicate knowledge	1461	Fund Received for APAN Fund Activities	1,461
Total	1461	Total	1461
Grand Total	151,704	Total	151,704

As per our report of even date

For Mega & Associates
Chartered Accountants
FRN. No. 007541N


N. Parasuraman FCA
(Partner)
M.No. 083102

For India Water Partnership


Dr. Aman Sharma
(General Secretary-IWP)


Dr. Veena Khanduri
(Executive Secretary-IWP)

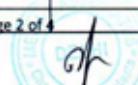


India Water Partnership
76-C, Institutional Area, Sector-18, Gurgaon
Receipts & Actual Expenditure
Receipts & Expenditure Accounts From 1st January, 2014 to 31st December 2014

Particulars	Budget	Actual	Actual
	EURO	EURO	INR
Receipts :			
Opening Cash & Bank Balalnce :	-	-	-
Received From Regional Water Partnership On :			
Core			
30th Jan 2014	9,788	9,788	833,330
30th Apr 2014	12,001	12,001	992,240
14th Aug 2014	12,593	12,593	1,020,033
7th Nov 2014	5,618	5,618	426,013
Total A	40,000	40,000	3,271,616
WACREF			
30th Jan 2014	15,000	15,000	1,274,961
7th Mar 2014	19,263	19,263	1,612,681
12th May 2014	10,000	10,000	814,709
3rd June 2014	25,303	25,303	2,024,168
14th Aug 2014	5,000	5,000	405,000
4th Sep. 2014	5,000	5,000	390,750
30th Sep. 2014	4,173	4,173	324,242
18th Nov. 2014	6,498	6,498	498,137
25th Nov. 2014	1,676	1,676	128,214
25th Nov. 2014	13,000	13,000	994,500
8th Dec. 2014	5,330	5,330	406,412
Total B	110,243	110,243	8,873,774
APAN			
14th Aug 2014	1,461	1,461	118,341
Total B	1,461	1,461	118,341
Total Receipts (A+B+C)	151,704	151,704	12,263,731
Expenses:	Budget	Actual	
Activity Wise Expenditure	EURO	EURO	INR
CORE			
Goal 1 - Catalyse change in policy and practice			
Outcome Challenge:1.1 SACEP, SAARC, APAN, NARBO and other relevant organisations advance regional cooperation in climate change adaptation (including disaster risk management), food security, and trans boundary water management through increased data sharing, best practice exchange and alternative technology identification to enhance regional and economic development.			
Outcome Challenge:1.2 National, State/Provincial, District, Local and River Basin level government integrate water security, climate resilience, food security and urban water management into development planning and decision-making processes.			
Activity 6 IWP will prepare a Position Paper based on the workshops organized in two zones during 2013 for implementation of National Water Policy-2012 in context of IWRM.	1,250	1,250	103,019
Activity 7 IWP will critically review the two state water policies in line with National Water Policy-2012 in context of climate change. For this purpose, two state level consultations would also be organized to have broader consensus of the stakeholders.	5,000	5,000	411,170



Activity 8 IWP will review and examine the regulatory and institutional frame-work present in the water policy of selected three states in line with National Water Policy-2012.	5,625	5,625	459,082
Outcome Challenge:1.3 Stakeholders at all levels develop gender sensitive 'No/low Regrets' investments and financing strategies for climate resilience and food security, including alternative low cost investments, investment strategies for national and local adaptation planning processes, micro-financing schemes and Public Private Partnerships			
Outcome Challenge:1.4 Governments enhance efficiency in climate project preparation to leverage funding from traditional sources of water financing and adaptation funds			
Outcome Challenge:1.5 AWP's, CBOs, local line departments and other relevant stakeholders develop and implement innovative pro-poor and gender sensitive 'green' solutions and modern technology options for addressing critical water security challenges such as drinking water shortage, domestic water supply, groundwater depletion, agricultural water needs, rainwater harvesting constraints and energy security to enhance climate resilience of communities. (Domestic water supply system is improved/ upgraded for clean drinking water supply in Pakistan.			
SUM GOAL 1	11,875	11,875	973,271
Goal 2 – Generate and communicate knowledge			
Outcome Challenge: 2.1 All boundary actors targeted under Goal 1 as well as other networks (e.g. APAN), media professionals, universities and other relevant stakeholder institutions have enhanced capacity to promote no/low regrets investments.			
Activity 7 IWP would organize four awareness generation workshops at different locations in Andhra Pradesh. Water testing kits would be provided to the rural poor women to test the water quality in their area. The rural women would be also educated through audio-visual aids	2,000	2,000	165,336
Activity 8 IWP in continuation of 2013 work carried out in 15 villages of Andhra Pradesh, IWP in collaboration with its network partner will do mapping of water resources through application of GIS by adopting micro- watershed approach and estimating water balance in Andhra Pradesh(15 villages).	2,500	2,500	207,615
Activity 9 IWP Adopting simplified IEC tools developed under the program, covering - display of water level fluctuation, crop – water relationship etc, will be used to create awareness among the farmers on crop water relationship, the developed tools will be printed for wider circulation	2,500	2,500	207,614
Activity 10 IWP will promote community action for river restoration and other water bodies	1,875	1,875	150,206
Activity 11 IWP will participate and facilitate India Water Week-2014	1,875	1,875	150,523
SUM GOAL 2	10,750	10,750	881,294
Goal 3 – Strengthen partnerships			
Outcome Challenge: 3.1 Regional and Country level partnerships and external partners have enhanced competencies in fund raising and project coordination, and practice good governance including sound financial management, stakeholder engagement and monitoring and evaluation			
Activity 5 IWP would strengthen the newly formed Jajmau Area Water Partnership (AWP), Shivana AWP and Middle Wainganga AWP	4,000	4,000	328,463
Activity 6: IWP will hold Annual Partners Meeting (4 Board of governors meeting + 1 AGM)	3,500	3,500	281,001
Activity 7: IWP would participate capacity development seminars/conferences/Trg-Prgrms to improve its technical knowledge and expertise	500	500	40,351
SUM GOAL 3 - activities (excl Running Costs)			
Staff costs CWP (salaries, social security etc.)	5,250	5,250	430,584
Audit fees	500	500	40,166
Other Costs	625	625	52,722
Host Institution fees	3,000	3,000	243,764
SUM GOAL 3 INCLUDING Running Costs	17,375	17,375	1,417,051
Total (GOAL 1 + GOAL 2+ GOAL 3)	40,000	40,000	3,271,616
WACDEP			
Goal 1 - Catalyse change in policy and practice	Page 2 of 4		



Outcome Challenge/ Work Package 1 Outcome Challenge: 1.1 SACEP, SAARC, APAN, NARBO and other relevant organisations advance regional cooperation in climate change adaptation (including disaster risk management), food security, and trans boundary water management through increased data sharing, best practice exchange and alternative technology identification to enhance regional and economic development.			
Activity 5 : High level consultation by IWP with SAARC	13,000	13,000	991,734
Total Outcome Challenge/ Work Package 1	13,000	13,000	991,734
Outcome Challenge/ Work Package 2 Outcome Challenge: 1.2 National, State/Provincial, District, Local and River Basin level government integrate water security, climate resilience, food security and urban water management into development planning and decision-making processes.			
Activity 1: Case study on deltatic solutions by BWP	-	-	
Total Outcome Challenge/ Work Package 2	-	-	
Outcome Challenge/ Work Package 3 Outcome Challenge: 1.3 Stakeholders at all levels develop gender sensitive 'No/low Regrets' investments and financing strategies for climate resilience and food security, including alternative low cost investments, investment strategies for national and local adaptation planning processes, micro-financing schemes and Public Private Partnerships			
Activity 1: To prepare a set of no/low regret investment options by IWP	6,000	6,000	504,541
Total Outcome Challenge/ Work Package 3	6,000	6,000	504,541
Outcome Challenge/ Work Package 4 Outcome Challenge: 1.4 Governments enhance efficiency in climate project preparation to leverage funding from traditional sources of water financing and adaptation funds			
Total Outcome Challenge/ Work Package 4	-	-	
Outcome Challenge/ Work Package 5 Outcome Challenge: 1.5 AWPs, CBOs, local line departments and other relevant stakeholders develop and implement innovative pro-poor and gender sensitive 'green' solutions and modern technology options for addressing critical water security challenges such as drinking water shortage, domestic water supply, groundwater depletion, agricultural water needs, rainwater harvesting constraints and energy security to enhance climate resilience of communities. (Domestic water supply system is improved/ upgraded for clean drinking water supply in Pakistan.			
Activity 2 : Aumenting water security & food security of small farmers by IWP	12,222	12,222	1,074,882
Outcome Challenge/ Work Package 6 Outcome Challenge: 2.1 Institutions and stakeholders have enhanced capacity to promote no/low regrets investments.			
Activity 1 : Creating a knowledge platform for advocating and bringing about changes in reservoir operation schedules by IWP	6,172	6,172	493,008
Activity 7 : To train 500 farmers by IWP on irrigation technologis	9,258	9,258	769,284
Activity 8 : To conduct adaptive planning, capacity building and training programmes by IWP	13,304	13,304	1,089,323
Total Outcome Challenge/ Work Package 6	28,734	28,734	2,351,615
Outcome Challenge/ Work Package 7 Outcome Challenge: 2.2 Institutions and stakeholders have access to and use information and knowledge (including online resources) on how to enhance water security and climate resilient development			
Activity 1 : A study on coping mechnism adopted by rural communities by IWP	8,500	8,500	685,434



Activity 3 : Assessment of vulnerability to climate change on water resources, agricultural systems by IWP	26,450	26,450	2,115,265
Total Outcome Challenge/ Work Package 7	34,950	34,950	2,800,699
SUM GOAL 2	63,684	63,684	5,152,314
Goal 3 – Strengthen partnerships			
Outcome Challenge/ Work Package 8 Outcome Challenge: 3.1 Regional and Country level partnerships and external[?] partners have enhanced competencies in fund raising and project coordination, and practice good governance including sound financial management, stakeholder engagement and monitoring and evaluation			
Activity 2 : To recruit Project Management advisor by IWP	9,968	9,968	794,369
Total Outcome Challenge/ Work Package 8	9,968	9,968	794,369
Running Costs CWP (Country):			
CWP Running Cost	4,300	4,303	355,928
SUM Running Costs	4,300	4,303	355,928
SUM GOAL 3 INCLUDING Running Costs	14,268	14,271	1,150,297
Total B	110,240	110,243	8,873,768
APAN			
Goal 2 – Generate and communicate knowledge			
Outcome Challenge: Knowledge sharing facilitated by providing quality products and services Preparation of a policy guidance document for small scale water supplies and sanitation	1,461	1,461	118,341
Total C	1,461	1,461	118,341
Garnd Total (A+B+C)	151,701	151,704	12,263,725

As per our report of even date
For Mega & Associates

For India Water Partnership

PRIMA MEGA & ASSOCIATES



(ii) Audited Statements of IWP Institutional Funds for 2014 -15

INDIA WATER PARTNERSHIP		
(Regn No.-HR0182013-00867) 76-C, Sector-18, Gurgaon- 122015		
Statement of affairs as on 31st March,2015		
Particulars	Current year(Rs.)	Previous year(Rs.)
SOURCES OF FUNDS		
CORPUS FUND		
Life Membership fees		
Opening Balance	694,567.00	
Add: Received during the year	110,000.00	
	804,567.00	694,567.00
General Reserve		
Opening Balance	571659.62	21,893.84
Add: Surplus/(Deficit) transferred from Income & Expenditure Account	-143254.18	549,765.78
	428,405.44	571,659.62
CURRENT LIABILITY		
Audit Fees Payable	10,236.00	-
TOTAL	1,243,208.44	1,266,226.62
APPLICATION OF FUNDS		
CURRENT ASSETS		
Cash in Hand	5,492.00	
Cash at Bank in current accounts	325195.61	790,463.50
Cash at Bank in Fixed Deposits	852861.52	463,906.48
Interest Accrued on above	39126.93	-
Tax depositions recoverable	20532.38	11,856.64
TOTAL	1,243,208.44	1,266,226.62
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. GUPTA (President)
Place: New Delhi Dt:		



INDIA WATER PARTNERSHIP

(Regn No.-HR0182013-00867)
76-C, Sector-18, Gurgaon- 122015

Income & Expenditure Account for the year ended on 31st March, 2015

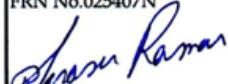
Particulars	Current year(Rs.)	Previous year(Rs.)
INCOME		
Grant for WACREP	6706261.00	2,887,642.00
Grant from GWP	2789678.00	833,330.00
Other Grants	579769.00	
Annual Membership Fees	9500.00	15,700.00
Interest received	86757.71	15,116.78
TOTAL	10,171,965.71	3,751,788.78
 EXPENDITURE		
WACREP Expenses	6938000.89	2,392,050.00
GWP Project Expense	2828911.00	740,737.00
Other project expenses	534855.00	
Bank Charges	114	194.00
Audit Fees	11236	10,000.00
Professional expenses	-	742.00
Travelling expenses	-	10,000.00
Office & Administrative Expenses	2103.00	48,300.00
Surplus/(Deficit) for year transferred to General Fund	-143254.18	549,765.78
TOTAL	10,171,965.71	3,751,788.78

As per our report of even Date attached

For Parasuraman & Associates

Chartered Accountants

FRN No.025407N


N. PARASURAMAN F.C.A
Memb. No. 083102

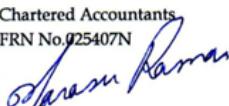

Veena Khanduri
(Executive Secretary)


R.K. GUPTA
(President)

Place: New Delhi

Dt:



INDIA WATER PARTNERSHIP		
(Regn No.-HR0182013-00867) 76-C, Sector-18, Gurgaon- 122015		
Receipts & Payments Account for the year ended on 31st March, 2015		
Particulars	Current year(Rs.)	Previous year(Rs.)
RECEIPTS		
Opening balances		
i) Bank balances in current accounts	790,463.50	178,314.50
ii) Bank balances in Fixed Deposit	463,906.48	420,599.50
Grants received	3,369,447.00	833,330.00
Annual membership	9,500.00	15,700.00
Wacrep receipts	6,706,261.00	2,887,642.00
Interest received	86,757.71	15,116.78
Management Cost Received	330,075.00	
Accrued interest received		32,037.48
Life membership received	110,000.00	90,000.00
TOTAL	11,866,410.69	4,472,740.26
EXPENDITURE		
WACREP Expenses	7,184,684.89	2,392,050.00
GWP Project Expense	3,447,157.00	740,737.00
Bank Charges	114.00	194.00
Audit Fees-Current Year	1,000.00	10,000.00
Professional expenses		742.00
Travelling expenses		10,000.00
Office & Administrative Expenses	2,103.00	48,300.00
TDS paid	8,675.74	3,847.28
Audit fees payable Paid		12,500.00
Closing balances		
i) Bank accounts	325,195.61	790,463.50
ii) Fixed Deposits	891,988.45	463,906.48
ii) Cash-in-Hand	5,492.00	1,222,676.06
TOTAL	11,866,410.69	4,472,740.26
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. GUPTA (President)
Place: New Delhi Date :		



NEW MEMBERS IN 2014-15

Life Members

1. **Department of Applied Mechanics and Hydraulics** is an educational institution housed in National Institute of Technology, Surathkal, Karnataka. It provides education on Water Resources Engineering and Management (WREM); Remote Sensing and Geographical Information System (RS & GIS); broad areas of Hydraulics and Water Resources Engineering, Coastal Engineering and Remote Sensing and GIS Applications.
2. **Xplorer Consultancy Services Pvt Ltd** located in Gurgaon, Haryana provides engineering services in the field of Water Resources, power & infrastructure.
3. **International Development Centre Foundation** is located in Ghaziabad, Uttar Pradesh. Its aim is to empower the under-privileged section of the society through education, health and skill based development.
4. **Association for Rural Area Social Modification, Improvement and Nestling (ARASMIN)** is operating from Kandhamal district of Odisha. It has been promoted with the aim of providing food security, health below the poverty line.
5. **CMSR Foundation** is located in New Delhi. CMSR Foundation undertake and facilitate the protection and promotion of equitable and sustainable livelihoods, natural resource and global/local environment, advocates pro-environment policies and popularising the same through seminars & training workshops.
6. **Institute of Regional Analysis** is working from Bhopal, Madhya Pradesh. It provides training and undertakes capacity building programs, rural development works, organise workshops/events & Film festivals.
7. **Shivana Area Water Partnership**, operating from Mandsaur district, Madhya Pradesh is working on revival as well of Shivana river (a lifeline for the people of Mandsaur district). It also works for the pollution control in the Shivana river.
8. **Mr. G Bhaskar** joined IWP as an individual life member. Mr. Bhaskar teaches in the Department of Civil Engineering, SRM University, Tamil Nadu.
9. **TARU Leading Edge** is located in New Delhi. It is an institution with trans-disciplinary expertise to engage with India's development challenges & involved in research, consultancy and providing cutting edge development solutions having expertise especially within the sectors of Disaster Risk Management & climate change, Governance & Institutions, Natural Resource Management, Social Development, Urban Development, and water, Sanitation and Hygiene.
10. **Indian Environment Law Offices** is a law firm located in Gurgaon, Haryana. It is dedicated to the practice of environment and development law and its mission is to make development more inclusive, equitable, sustainable and benign, with committed legal services in the field of natural resources law and environmental law .

Annual Members

1. **Sarvodaya Gram SevakSangh (SGSS)** is located in Vijayawda, Krishna District, Andhra Pradesh. The SGGS aims at overall development of the rural communities, formation of Self-Help Groups for women development, to eradicate poverty by improving education & health systems & to supply pure water.
2. **UB Industrial Services** is located in Gurgaon, Haryana. Its aim is to aware about the value of water, to introduce about the technology for maximum reuse/recycle of waste water to the people & manufacturing of water & waste water treatment plant.
3. **SACH (Society for Action in Community Health)** is operating from New Delhi. Its purpose is to develop national network for prevention of pollution in Ganga, programmes for old age care, organizing health camps in schools and communities for health promotion.
4. **Association for Active Service in Rural Areas (AASRA)** is located in Vizianagaram, Andhra Pradesh. Its aim is to preserve, protect and enhance fresh water sources through locally relevant initiatives such as watershed management, purification of the riverine systems, creation of integrated water bodies.
5. **Deva Organization Rural Development Society** is working from Krishna district, Andhra Pradesh. It is involved in conducting income generation programmes for developing the rural poor, organizing seminars, workshops on water issue to preserve the water sources, to conduct health camps for protecting drinking water sources.
6. **Share The Vision Voluntary Organisation** is located in Khamman district, Andhra Pradesh. Its aim is to prevent water borne diseases, promote health hygiene, water and sanitation, improve socio-economic status of women.
7. **Shramik Bharti** is working from Kanpur, Uttar Pradesh. It works for the empowerment of the poor and under privileged specially women and children, and conduct capacity development programs for the under privileged.

Annexure - 2

BOARD OF GOVERNORS

S.No.	Name	Position in the Board	Designation & Institution
1	Mr. R K Gupta	President	President India Water Partnership & Chairman-cum-Managing Director, WAPCOS Ltd., Kailash, 5th Floor, 26, Kasturba Gandhi Marg, New Delhi - 110 001
2	Mr. T V S N Prasad, I.A.S. (Central Govt. nominee)	Member	Joint Secretary (Policy & Planning), Ministry of Water Resources, River Development & Ganga Rejuvenation, GOI. Shram Shakti Bhawan, New Delhi-110001
3	Dr. A.K. Sikka (Central Govt. nominee)	Member	Deputy Director General (Natural Resource Management) Division of Natural Resource Management, Krishi Anusandhan Bhawan-II, Ministry of Agriculture, New Delhi - 110 012
4	Dr. Ashok Kumar Jain (Central Govt. nominee)	Member	Advisor (Rural Development) Planning Commission 205, YojanaBhawan Government of India, New Delhi
5	Shri Pradeep Mathur (State Govt. nominee)	Member	Chief Engineer, State Water Resources Planning Department, Govt. of Rajasthan
6	Mr. Harmail Singh (State Govt. nominee)	Member	Engineer-in- Chief Irrigation & Water Resources Department Govt. of Haryana
7	Mr. D K Manavalan, I.A.S. (Retd.)	Vice President	Executive Director Action for Food Production (AFPRO) 25/1-A, Pankha Road, D-Block, Janakpuri, New Delhi-110058
8	Dr. Aman Sharma	General Secretary	General Manager (Environment & Ganga Rejuvenation) WAPCOS Ltd., 76-C, Institutional Area, Sector-18, Gurgaon
9	Ms. Aditi Kapoor	Joint Secretary	Director, Alternative Futures B-177, East of Kailash, New Delhi 110 065
10	Dr. Neelam Gupta	Treasurer	Founder President & CEO, AROH Foundation F-52, Sec-8, Noida, Uttar Pradesh-201301

Annexure - 3

State-wise List of IWP Network Partners (As on 31st March, 2015)

Life Members

S.No.	Name of State	Name of Partner organization
1	Andhra Pradesh	Society for Participatory Development
2	Andhra Pradesh	Indian Association of Aquatic Biologists
3	Andhra Pradesh	Institute of Resource Development and Social Management
4	Andhra Pradesh	WORLD
5	Andhra Pradesh	Rural Integrated and Social Education Society
6	Andhra Pradesh	Sarvodaya Youth Organization
7	Assam	AARANYAK
8	Bihar	Institute of Environment & Eco. Development
9	Bihar	Welfare India
10	Gujarat	Self Employed Women's Association
11	Gujarat	Institute of Rural Management, Anand
12	Gujarat	N.M. Sadguru Water & Development Foundation
13	Himachal Pradesh	PRAKRITI
14	Haryana	Xplorer Consultancy Services Pvt Ltd
15	Haryana	Indian Environment Law Offices
16	Haryana	PRAGYA
17	Jharkhand	HUMANITY, an Organisation for Human Development,
18	Karnataka	SSJV Projects Pvt. Ltd.
19	Karnataka	National Institute of Advanced Studies (NIAS)
20	Karnataka	Department of Applied Mechanics and Hydraulics
21	Kerala	SAMYUKTHA
22	Madhya Pradesh	Lake Conservation Authority of Madhya Pradesh,
23	Madhya Pradesh	Housing and Environment Deptt, Government of M.P.
24	Madhya Pradesh	Madhya Pradesh Institute of Social Science Research
25	Madhya Pradesh	NAVADEEP
26	Madhya Pradesh	Institute of Regional Analysis
27	Maharashtra	Shivana Area Water Partnership
28	Maharashtra	Grass Root Action & Social Programmes
29	Maharashtra	Indian Water Works Association
30	Maharashtra	Dam and Development Council of India
31	Maharashtra	Jain Irrigation Systems Ltd.
32	Maharashtra	Yuva Gram VikasMandal
33	Maharashtra	Pravara Institute of Research and Education in Natural and Social Sciences
34	Maharashtra	Maharashtra PaniParishad
35	Maharashtra	Foundation for Agriculture and Rural Development & Environmental Security

36	Maharashtra	Women's Water Forum
37	Maharashtra	Friend's Forum for Purna River Basin Development
38	Maharashtra	Society for Promoting Participative Eco-system Management
39	Maharashtra	Indian Social Welfare Society
40	Maharashtra	Eco Needs Foundation
41	Maharashtra	Gomukh Environmental Trust for Sustainable Development
42	Maharashtra	Indian Association & Aquatic Biologists (IAAB)
43	Maharashtra	S G G S Institute of Engineering and Technology
44	Manipur	Zougam Institute for Community Resources
45	New Delhi	Society for Promotion of Wastelands Development
46	New Delhi	Angelique International Limited
47	New Delhi	Jaguar Overseas Limited
48	New Delhi	Safe Water Networks, India
49	New Delhi	WAPCOS Ltd.
50	New Delhi	Kirloskar Brothers Ltd.
51	New Delhi	Institute for Resource Management and Economic Development
52	New Delhi	Institute for Human Development
53	New Delhi	Central Soil and Material Research Station,
54	New Delhi	Power Grid Corporation of India Ltd
55	New Delhi	Society for Development Alternatives
56	New Delhi	Sulabh International Social Service Organisation
57	New Delhi	Inspire Network for Environment
58	New Delhi	All India Women's Conference
59	New Delhi	Action For Food Production (AFPRO)
60	New Delhi	Alternative Futures
61	New Delhi	Water Aid (UK) India Liaison Office
62	New Delhi	Institute of Economic Growth
63	New Delhi	Institute for Development Initiatives
64	New Delhi	Water Community India
65	New Delhi	Action for Disaster Resilient and Inclusive Development
66	New Delhi	ICLEI South Asia
67	New Delhi	Taru Leading Edge
68	New Delhi	CMSR Foundation
69	Odisha	Society For Rural Advancement And Democratic Humanitarian Action
70	Odisha	SADHANA
71	Odisha	UDYAMA
72	Odisha	Adarsha Seva Sangathan
73	Odisha	Moon Light Club
74	Odisha	The CHETANA
75	Odisha	Mahalaxmi MahilaSamiti
76	Odisha	Narichetna Mahila Institute
77	Odisha	India Micro-Credit Consultancy Rating and Evaluation and Training Organization

78	Odisha	Grmaya Bikash Manch
79	Odisha	Society for Women Action Development
80	Odisha	BankiAnchalikaAdibasiHarijankalyanaParisad
81	Odisha	Arun Institute of Rural Affairs
82	Odisha	Institute for Rural Development and Planning
83	Odisha	Association for Rural Area Social Modification, Improvement and Nestling.
84	Punjab	Association For Awareness and Welfare Activity For Down-Troddens in Society
85	Punjab	Nodal Organization For Development Enterprise and Services
86	Punjab	Guru ArjunDev (GAD) Institute of Development Studies
87	Rajasthan	Indian Institute of Rural Management
88	Rajasthan	Institute of Development Studies
89	Rajasthan	Institution of Rajasthan Studies
90	Rajasthan	Centre for Environment and Development Studies
91	Rajasthan	Jheel Sanrakshan Samiti
92	Tamil Nadu	DHAN (Development of Humane Action) Foundation
93	Tamil Nadu	Human Formation Organisation
94	Tamil Nadu	Samaritan Community Development Foundation
95	Tamil Nadu	G. Bhaskar(Individual Member)
96	Tamil Nadu	Terra Firma
97	Uttarakhand	Indian Association of Hydrologists,
98	Uttarakhand	Indian Water Resources Society
99	Uttarakhand	Pan Himalayan Grassroots Development Foundation
100	Uttar Pradesh	Sharda University
101	Uttar Pradesh	Aroh Foundation
102	Uttar Pradesh	Janhit Foundation
103	Uttar Pradesh	Empowering People for Development
104	Uttar Pradesh	NEER Foundation
105	Uttar Pradesh	International Development Centre Foundation
106	West Bengal	Shatmonisha Santi Sangha Mohila Samiti
107	West Bengal	Nutanhat Development Society
108	West Bengal	TafaPalliMilaniSangha
109	West Bengal	Kalyani Institute for Study, Planning and Action for Rural Change
110	West Bengal	AkshaynagarPallisriSangha

Annual Members

S.No.	Name of State	Name of Partner organization
1	Andhra Pradesh	Sarvodaya Gram SevakSangh
2	Andhra Pradesh	Association for Active Service in Rural Areas (AASRA)
3	Andhra Pradesh	Deva Organization Rural Development Society
4	Andhra Pradesh	Share The Vision Voluntary Organisation
5	Haryana	UB Industrial Services
6	New Delhi	SACH (Societ for Action in Community Health)
7	Uttar Pradesh	Shramik Bharti

Implementing Partners



Supporting Partners



Established in 2001, India Water Partnership (IWP) is a non-profit organization with a goal of promoting Integrated Water Resources Management (IWRM) in India. It has been accredited by the Global Water Partnership (GWP) headquartered at Stockholm, Sweden as Country Water Partnership of GWP

India Water Partnership

Secretariat- WAPCOS Ltd.

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