

# Event Folder



Aqua Foundation  
**XI World Aqua Congress**  
International Conference

09<sup>th</sup> - 10<sup>th</sup> November, 2017, New Delhi, India



**Theme: Water & Environment Solutions: Cutting Across Borders**  
(Presenting Best Practices from Across the World)

Organized by:



## About Aqua Foundation

Aqua Foundation is a Non-Governmental Organization working on key aspects of Water, Environment & Humanity. The ever balanced, ever harmonized cycles & arrangements of nature have been greatly challenged and disturbed by humans in last century, which inturn pose a threat to their own survival. The organization is working to reverse these damages and work towards a sustainable living, in oneness with fellow humans, other living beings, plants and nature. The ultimate goal of the organization is to ensure humanity's long term future.

The activities of Aqua Foundation include knowledge creation, information dissemination, research and education. The organization works through a diverse range of tools and techniques including, but not limited to, conferences, seminars, training programs, on-line learning, capacity building, community projects, school activities etc., with prime focus on Humanity and Sustainability.

Aqua Foundation is organizing international conference 'World Aqua Congress' since year 2007. The conference aims to bring various stakeholders i.e. policy makers, researchers, academicians, industry, NGOs etc., on a common platform for meaningful discussions & deliberations and implementation & execution. 'Aqua Excellence Awards' are also key highlight of the two days international conference. These awards are given to promote, encourage & recognise innovations and contributions in the field of environment & humanity.

## About Water & Environment Solutions: Cutting Across Borders (Presenting Best Practices from Across the World)

Aqua Foundation is a Non-Governmental Organization working on key aspects of Humanity. Aqua Foundation is organizing international conference 'World Aqua Congress' since year 2007. The conference aims to bring various stakeholders i.e. policy makers, researchers, academicians, industry, NGOs etc., on a common platform for meaningful discussions & deliberations and implementation & execution. 'Aqua Excellence Awards' are also key highlight of the 2 days international conference. These awards are given to promote, encourage & recognise innovations and contributions in the field of water, environment & humanity.

India faces major challenges in the water sector with the per capita availability going down and demand growing due to urbanisation and industrialisation. Inefficiency of water use in agriculture, over-exploitation of underground water and contamination are other issues associated with water management in the country. While there is a wide recognition that around 54% of India faces high to extremely high water stress, smart solutions and sound approaches to the utilization, conservation, protection, and administration of the resource are yet to be implemented.

India needs to adopt best practices in the field of water & environment, without waiting any further. The world is a big global community today and it's always desirable to learn from other counties already having made significant advancement in the field of sustainability. Accordingly, 11th World Aqua Congress (XI WAC-2017) was organised with an objective to bring best of the solutions from around the world on a single platform, and present them to Indian government, policy makers and industry.

XI WAC 2017- International Conference, aimed to bring together policy makers, administrators, academicians, scientists, researchers and industry to exchange and share their experiences, innovations, and ideas about all aspects of Water & Environment. It provided the premier interdisciplinary forum to present and discuss the most recent innovations, trends, concerns, practical challenges and the solutions in the field of Water & Environment.





## Themes & Topics

Following themes broadly described the focus areas of deliberations, with a certain degree of overlapping. The structure was been deliberately kept flexible and evolved depending on research contributions received from participants.

### Water Resources: Availability, Exploration, Management, Quality

- Water Quantity- Gaps in Demand & Supply in Various Sectors
- Water Exploration & Management- Latest Trends in Surface & Ground Water
- Water Quality Management
- Water Quality Criteria for Various Uses-Present Status
- Global Climate Changes & Impact on Water Resource Management

### Additional Resource Creation- Rainwater Harvesting

- Sustainable Urban Drainage- Designing for Exceedance in Spectre of Frequent Droughts
- Latest Rainwater Harvesting Concepts
- Developing Area Specific Rainwater Harvesting Approach
- Plugging Rainwater Harvesting Loopholes & Ensuring Implementation

### Additional Resource Creation- Reuse, Recycle & NRW Reduction

- Waste to Water
- Reduction of Corporate Water Footprint - ZLD / Water Reuse
- Efficient Network Management - Reduction of NRW / UFW
- Water Leakage Detection/Prevention Technologies

### Waste Management

- Solid & Liquid Waste Management
- Industrial Wastes
- Best Practices, PPP Models, Case Studies, Community Participation
- Biomass, Biofuels and Bio energy production
- Energy Recovery
- Landfills (& Leachate), Composting, Recycling

### Water, Sanitation and Health

- Safe and Affordable Drinking Water for All

- Adequate and Equitable Sanitation
- Water and Public Health
- Water Leakages, Wastages, Poor Water Management

### Emerging Technologies & Concepts

- Automation and Sensors for Monitoring Water Quality, Leaks, Energy, Flood Predictions, and Other Parameters
- Nature-Based Solutions for Water Sector
- Decentralizing Water Supply Systems
- Green Infrastructure
- Adaptive Water Management
- Salinity Management, Desalination
- Utilities and Utility Management
- Sea Level Rise and Coastal Zone Management
- Preserving Oceans & Other Water Bodies as Carbon Sinks

### Enhancing Water Use Efficiency

- Water Efficiency Including Water Footprint and Virtual Water Calculations
- More Crop Per Drop- Agriculture Sector
- Emerging Irrigation Technologies
- Protected Cultivation Technology
- Techniques to Save Runoff Rainwater
- Multipurpose Role of Village Ponds to Augment Water
- Water Use Efficiency in Domestic Sector
- Transportation and Distribution of Water
- Municipal Water Management

### Financial, Institutional, Legal & Policy Issues

- Water Policy and Water Usage Reform
- Water Rights, Pricing & Laws
- Government's Role in Water Management
- Water Access as a Fundamental Right
- Laws to Prevent Pollution of Water Bodies & Aquifers
- Municipalities and Sustainable Water Management at Local Level
- Water Infrastructure – investment and Financing



## Session Chair Persons



**Dr. D. K. Chadha**  
Chair Professor &  
Chairman, CAWTM (Centre for  
Advance Water Technology and  
Management)



**Shri A B Pandya**  
Ex-Chairman  
Central Water Commission  
and Advisor WAPCOS



**Shri K B Biswas**  
Former Chairman  
Central Ground Water Board



**Prof. Partha Sarthi Datta**  
Former Director, NR, JARI, New Delhi  
and Advisor & Consultant,  
Water & Environment



**Prof. K. G. Moodley**  
Honorary Research Professor  
Durban University of Technology  
South Africa



**Dr. Yogesh Sharma**  
Ex-Director, MoEF  
and Ex-Advisor, NMCG



**Mr. S. M. Sharma**  
Chairman  
Jagran Peהל



**Dr. Rakesh Khare**  
Former Executive Director  
THDCIL

## Key Note Speakers



**Shri A B Pandya**  
Ex-Chairman  
Central Water Commission  
and Advisor WAPCOS



**Prof. Partha Sarthi Datta**  
Former Director, NR, JARI, New Delhi  
and Advisor & Consultant,  
Water & Environment



**Mr. A R Shivakumar**  
Bengaluru's, Rainman



**Mr. Amit Mehrotra**  
Program Manager  
UNICEF, Uttar Pradesh



**Mr. Sanjay Kundu**  
Joint Secretary,  
PP, MoWR, RD & GR, GoI



**Dr. B R K Pillai**  
Commissioner (CAD)  
MoWR, RD & GR, GoI

## Tech Talk



**Mr. Deeraj Kumar**  
Maccaferri Environmental Solutions  
Pvt. Ltd.



**Mr. Pawan Kakkar**  
Director, Jugapuro  
New Delhi



**Mr. Sambhav Chandhoke**  
Chaitanya Instruments Pvt. Ltd.  
New Delhi



**Ms. Geeta Kannupillai**  
GM Marketing and Communication  
Piramal Water Private Limited  
Ahemdabad



**Mr. Amar Nath**  
Knowledge Integration Services  
Bangalore



## Authors



**Er. Vivek P Kapadia**  
Chief Engineer, WRD, Gujarat



**Ms. Pragya Sharma**  
Babasaheb Bhimrao Ambedkar  
University, Lucknow



**Dr. Vandana Singh**  
CSIR-National Botanical Research  
Institute, Lucknow



**Dr. A. Mukherjee**  
Professor, Manav Rachna  
International University, Faridabad



**Dr. Subhash C Singh**  
CGWB, Bhopal



**Ms. Swati Jain**  
FET, Manav Rachna International  
University, Faridabad



**Ms. Syed Talia**  
Sher-e Kashmir University of  
Agricultural Sciences and  
Technology, Jammu & Kashmir



**Dr. Pramod K Pandey**  
University of California,  
Davis, California, USA



**Mr. Dipak Behera**  
Head (Planning), OMQ  
Tata Steel Limited, Jharkhand



**Ms. Swati Saigal**  
Technical Consultant, GHS & Technical  
Secretary, Water Aid and Restoration  
Initiative, Gurgaon



**Prof. K G Moodley**  
Honorary Research Professor,  
Durban University of Technology,  
South Africa



**Mr. Prabhask Gokarn**  
Head Engg Projects & Town, FAMD,  
Tata Steel Limited, Odisha



**Dr. N Muthulakshmi Andal**  
Assistant Professor, PSGR Krishnammal  
College for Women, Coimbatore



**Mr. Abhinav Wadhwa**  
Vellore Institute of Technology,  
Vellore



**Dr. Somnath Sen**  
Associate Professor, IIT, Kharagpur



**Er. Samarakoon Banda**  
Director, VS Consulting (Pvt) Ltd,  
Colombo, Sri Lanka



**Mr. Rohit Lall**  
Joint Project Director, NCPAH,  
Ministry of Agriculture and  
Farmer's Welfare, Gol



**Ms. Geeta Sandal**  
Senior Project Officer,  
Sustainability Management,  
ICLEI- Local Governments for  
Sustainability, South Asia



**Ms. Renuka Verma**  
Civil Engg. Dept., IIT, Roorkee



**Dr. R Vignesh**  
Assistant Professor, Vel Tech  
Dr. RR & SR University, Chennai



**Dr. Pramod K Pandey**  
University of California,  
Davis, California, USA



**Ms. Deepika Bhaskar**  
Department of Civil Engineering,  
IIT, Roorkee



**Ms. Pooja Kumari**  
Jawahar Lal Nehru University,  
New Delhi



**Dr. Ombir Singh**  
Scientist E, Forest Research  
Institute, Dehradun

# Aqua Foundation's Excellence Awards 2017

The "AF's Excellence Award" are the highest award given by Aqua Foundation to its members & stakeholders in recognition of their outstanding achievement in the field of Nature. Aqua Foundation honours, in each World Aqua Congress, individual/nominees of corporate members who have made mark in their respective fields of expertise or have made a significant contribution towards the Water & Environment Conservation Techniques.

## The awardees of Aqua Excellence Awards for year 2017:



**Dr. Vandana Shiva**  
Life Time Achievement



**Mr. P.K. Viswanathan**, Manager  
(Business Development)  
**Mr. Amarnath. K.**, Sr. Manager  
(Projects & Process)  
**Mr. Prahsant Tiwari**, Civil Eng (Projects)  
Knowledge Integration Services  
Outstanding Contribution towards caus  
of Sustainability (Private Sector)



**Mr Ashutosh Vadanagekar**  
Managing Director  
**Mr Anurag Jha**  
Business Head  
Amalgam Engineering  
Environmentally Sound Management of  
Toxic Chemicals (Industrial Sector)



**Mr. H. Shankar**  
Managing Director  
Clean Coats P. Ltd.  
Excellence in Resource Management  
(Industrial Sector)



**Mr. Michael S Baptist**, Director  
**Mr. Vijayraj**, Director  
Farmland Rainwater Harvesting Systems  
Excellence in Development of  
Technology (Industrial Sector)



**Mr. Habil Attarwala**, Director  
**Mr. Yusufi Attarwala**, Director  
Furaat Earth Private Limited  
Excellence in Development of Technology  
(Industrial Sector)



**Shri Jadu Thakur Das**  
Head CSR  
Govardhan Ecovillage  
Green Housing (Social Sector)



**Mr. Vikramjiet Roy**  
Representative  
Isha Foundation  
Outstanding Contribution towards  
cause of Sustainability



**Mr. Prabhat Srivastava**  
Vice-President  
Jain Irrigation Systems Limited  
Outstanding Contribution towards cause of  
Sustainability - Contributions towards Sustainable  
Development in Food And Agriculture



**Mr. Sanjeev Bhasin**  
Sales and Marketing Head  
Knowledge Lens  
Excellence in Development of  
Technology (Industrial Sector)



**Mr. Vikramjiet Roy**  
Managing Director  
Maccaferri Environmental Solutions Pvt. Ltd.  
Outstanding Contribution towards cause of  
Sustainability (Private Sector)



**Dr. Sarita Sachdeva**, Dean Research  
**Dr. D.K. Chadha**, Chair Professor and Chairman  
Centre for Advance Water Technology  
and Management  
Manav Rachna International University  
Excellence in Resource Management  
(Institutional)



**Mr. C.V. Rajesh**  
Marketing Manager  
Megaplast India Pvt. Ltd.  
Outstanding Contribution towards cause  
of Excellence in Water Conservation  
(Private Sector)





**Mr. Apurv Kesarkar**  
Target Manager  
Water Structures, Murasit Bauchemie  
Excellence in Development of  
Technology (Industrial Sector)



**Shri Biswarup Basu**  
General Manager, Jhanor Gandhar Gas  
Power Project, NTPC Ltd.  
Sustainable Development in  
Thermal Power (Public Sector)



**Mr. R. Selvakumar**  
Corporate Relationship Executive  
Roots Group  
Excellence in Development of  
Technology (Industrial Sector)



**Mr. Amit Sharma**, Managing Director  
**Ms. Nirja Sharma**, Director  
Sanitech Engineers & Consultants Pvt. Ltd.  
Sustainable Development in  
Construction & Infrastructure Sector



**Mr. P R Ganapathy Krishnan**  
Managing Director  
Sigma Pollution Control Equipments India Pvt. Ltd.  
Environmentally Sound Management of Solid  
Waste & Sewage Related Issues



**Mr. Sandeep Gupta**  
Managing Director, SIMA Labs Pvt. Ltd.  
Environmentally Sustainable Treatment and  
Management of Industrial Effluents,  
Sewage and Septage



**Mr. Prabhash Gokarn**  
Head Engineering Project & Town  
**Mr. Nikhil Agarwal**, Manager Environment  
Tata Steel Limited, Odisha  
Sustainable Development in Mining Sector



**Mr. Dipak Behera**, Head Planning  
**Mr. Adarsh Agrawal**, E.A to General Manager  
Tata Steel Limited, Jharkhand  
Sustainable Development in Mining Sector



**Mr. Raghav Khadakkar**, C.E.O.  
**Ms. Bhagyashree R. Khadakkar**, C.O.O.  
Vipanan Analytical Technologies  
Excellence in Resource Management  
(Industrial Sector)



**Shri Vijay Baghel**  
(The Green Man)  
Outstanding Contribution towards  
Environment Conservation (Individual)



**Shri A. R. Shivakumar**  
(Bangalore's Rain Man)  
Outstanding Contribution towards  
Water Conservation (Individual)



**Mr. Amit Sharma**  
Managing Director  
Sanitech Engineers & Consultants Pvt. Ltd.  
Professional Excellence (Individual)



**Mr. Ashutosh Vadanagekar**  
Managing Director  
Amalgam Engineering  
Professional Excellence (Individual)



**Prof. Ar. Bhavna Vimawala**  
Faculty of Architecture SCET, Surat  
Academic Excellence (Individual)



**Mr. Laxmi Prasad Subedi**  
Managing Director  
New Technical Waterproofing Services, Nepal  
Excellence in Development of Technology  
(Individual)



**Dr. Pramod Pandey**  
University of California, USA  
Professional Excellence (Individual)



**Mr. Ramakant Bari**  
Proprietor, Atlanta Industrial Corporation  
Professional Excellence (Individual)



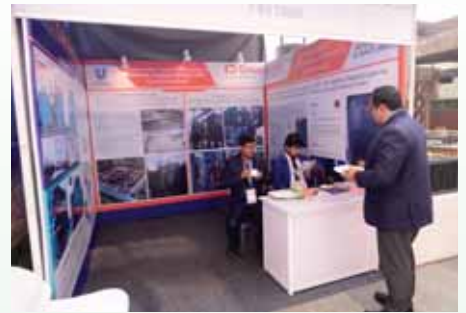
**Mr. Tairq Siddiqui**  
on behalf of **Mr. Subhash Sethi**  
Chairman, SPML Infra Limited  
Professional Excellence (Individual)



# Glimpses 2017









# Glimpses 2017









Glimpses 2017



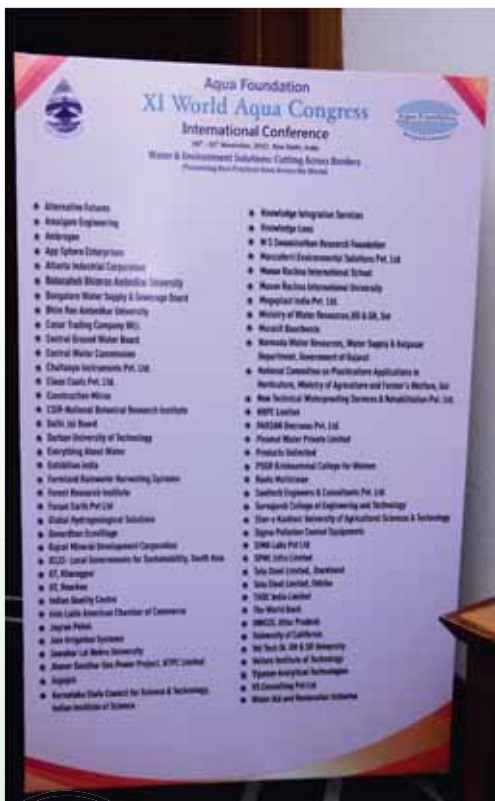


## Recommendations of XI World Aqua Congress

1. As an adaptive measure against climate change and its projected anticipated impacts on water, India should look for maximizing its water storage capabilities, conservation, protection and water use efficiency; and bridge water demand and supply gap.
2. The water right issues in India need special attention. WAC strongly recommends that a high level multi-disciplinary expert committee should be constituted to review all the legal and regulatory aspects of water in the country for effective, efficient, equitable and judicious use of country's water resource with long term vision.
3. WAC strongly recommends that nodal centres, 'Aqua Clinics', may be introduced in all towns of the country. This clinic may have the composition of policy makers, administrators, academicians, researchers, NGOs and farmers. These clinics can look into region specific issues and can also provide necessary relevant information and guidelines to public. For rainwater harvesting and ground water recharge, clear, region specific guidelines have to be prepared and implemented. Model Recharge Centres can be developed at district levels to showcase and educate the type of recharge structure suitable for that area.
4. Bureau of Water Efficiency (BWE) should be set up to address to efficiency issues in all sectors. BWE should co-ordinates with all the stakeholders to ensure efficient use of water in rural, agriculture, urban and industrial sectors. BWE should undertake regulatory and promotional functions for water efficiency.
5. Recognising waste water as an alternative source of water, national and state specific action plan need to be developed for its reuse and recycle. India should develop standard norms for use of treated waste water for MAR (managed aquifer recharge) seeing the reducing rainy days in the country.
6. Efforts need to be concentrated to water literacy among people, and make people aware about the value of water; water depletion and pollution; the relationship of water and health, water and energy, water and economy and on water and environment. Role of non-government institution/ agencies in this regard should be defined and utilized properly to take advantage of available resources within the country.
7. There is an urgent need of capacity building in water sector. Handful of government run training institutes can not alone accomplish this mammoth task. WAC strongly recommends that Ministry of Water Resources, RD & GR& other concerned Ministries need to review/ revise/ update training modules developed by various institutes, Aqua Foundation and other active NGOs in water sector, and give its 'recognition' and widely distribute these modules. These trainings at Panchayat Raj Institutions need to be promoted by Government on priority basis.
8. Policy framework and institutional arrangements need to be strengthened in Irrigation sector, which is the largest consumer of water in India, and the competitive demand of water is increasing day by day. Industrial water use in the country is in the lower side comparative to global average and bound to increase.
9. Irrigation practices need to be improved urgently for optimal utilization of surface/sub surface water. Awareness of water conservation practices needs to be promoted both by incentives and by sensitizing the Community through publicity campaigns. Build Capacity of Women by training on water conservation, protection and water use efficiency.
10. Policy intervention is required to utilize existing huge saline/brackish groundwater resource of country.
11. WAC strongly recommends creation of a National Task Force on Data Sharing to ensure creation of a National Data Bank of water, to ensure adequate research on various aspects of water. All available geophysical & hydrological data should become accessible in public domain.
12. Newer advances have led to syntheses of magnetic nano-composites involving variety of mixtures with iron oxides, which can adsorb specific pollutants, and these nano-composites with adsorbed pollutants can be easily removed from the contaminated water body. The industries / companies, which know what pollutants are present in their wastewaters, should be encouraged / motivated to use these technologies in the form of incentives such as of tax rebates to clean up and reuse their wastewaters, and eliminate the need to release their contaminated wastewaters into rivers and streams. For community level drinking water projects all government tenders should ensure remote monitoring system to be a part of each plant to ensure transparency and accountability and therefore ensuring that the benefits reaches to the beneficiary.
13. Water Industry, policy makers and stakeholders should adopt the following:
  - a. Reinvent effective efficient technologies for wastewater recycling and treatment processes, and wastes management, and prove these as assured approaches for safe water supply; and ensure that public reuse water to meet demands by using reliable trusted source of recycled water.



- b. Relook the issues and problems with wastes management from the point of view of absence of a successful model wherein segregation of waste and re-processing it by a single re-processing plant can convert all types of wastes and wastewater into something useful.
- c. Identify and examine important and inter-dependent aspects of the humanitarian challenge: reducing the water needs, through traditional or innovative technologies and mechanisms, and improving the efficiency of wastes and wastewater management.
- d. Develop policies to help make waste reducing and partially pollution-abating industry legitimate, ensuring that households, industries and institutions segregate their waste at source, and limit the amount to be dumped and discharged.
- e. Ensure strong determination at the highest level of political leadership to prevent conflicts and to reduce wastes/wastewater risk leading to disastrous situation, to remove inconsistency between one's values and actions, by change in attitude and behavior of all the stakeholders.
- f. Bridge the attitude-behavior gap, which often emerges and can be further affected by a variety of reasons including convenience, social norms, lack of public participation, and lack of education and awareness of all stakeholders on effective waste management techniques and approaches.
- g. Improve governance with multi-level approach, long-term strategy, and collaboration, because, the challenges require urgently and extensively upgrading of generally ageing and very expensive water infrastructure, which underlies water security.
- h. Facilitate participation of Scientists/Technologists in policy processes for providing advice, based on available Science & Technology knowledge; for creating programs that will improve their collaboration with policy-makers and other stakeholders in the generation of scientific knowledge.






# Messages

**श्री. युवराज, वि. उ. उ.**  
**H. YUVARAJ, IAS**

वि. उ. उ. के रूप में भारत सरकार के सचिव के रूप में  
TO THE VICE PRESIDENT OF INDIA  
नई दिल्ली, भारत  
TEL.: 011-23041200/23041201/23041202  
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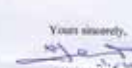


October 11, 2017

The Hon'ble Vice President of India is happy to learn that Aqua Foundation is organizing 11th World Aqua Congress on the theme 'Water & Environment Solutions: Cutting Across Borders (Presenting Best Practices from Across the World)' on November 09 - 10, 2017 at India Habitat Centre, New Delhi.

The Hon'ble Vice President conveys his best wishes for the success of the event.

With kind regards,

Yours sincerely,  
  
(H. YUVARAJ)

**श्री. हार्श वर्धन**  
**DR. HARSH VARDHAN**

वि. उ. उ. के रूप में भारत सरकार के सचिव के रूप में  
TO THE VICE PRESIDENT OF INDIA  
नई दिल्ली, भारत  
TEL.: 011-23041200/23041201/23041202  
www.pib.gov.in



October, 2017

**MESSAGE**

I am particularly pleased to see that Aqua Foundation, a NGO, working for the conservation of water & environment, is organizing XI World Aqua Congress – 'Water and Environment: Cutting Across Borders (Presenting Best Technologies from Across the World)' with an objective to bring best of the solutions from around the world on a single platform.

Water and food security are matters of major concerns for any society, especially with growing population and increasing consumption of this vital resource in industrial, agriculture and domestic sector.

My best wishes to the participants and organizers of the event.

Yours sincerely,  
  
(Dr. Harsh Vardhan)

**MSSRF**

**PROF. M. S. SRINIVATHAN**  
Founder Chairman  
M. S. Swaminathan Research Foundation  
Third Cross Street, Taramani Institute Area  
Chennai - 605 113 (India)  
Tel: +91 44 2254 2700 / 2254 1226  
Fax: +91 44 2254 1319  
Email: msr@msrf.org  
Twitter: @msrinivathan

MSS/DB/14 August 2017

**Message**

Ms Praggya Sharma  
pragg@aquafoundation.in

Dear Dr. Praggya,

I am extremely happy that you are organizing a timely World Aqua Congress. I hope the Congress will help to develop the sustainable water security system for our country.

Water security is fundamental to food, livelihood and ecological security. With an increase in human population the challenge of balancing human numbers and human capacity to produce food is increasing. It is in this context that the upcoming XI World Aqua Congress assumes great significance. I wish the congress much success.

With warm personal regards,  
Yours sincerely,  
M. S. Swaminathan

**श्री. सैनेश कुमार**  
**SENESH KUMAR, I.A.S.**

वि. उ. उ. के रूप में भारत सरकार के सचिव के रूप में  
TO THE VICE PRESIDENT OF INDIA  
नई दिल्ली, भारत  
TEL.: 011-23041200/23041201/23041202  
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Message

Water resource planning, development, conservation and management has always remained areas of serious concern. At the same time we must understand that the success of any reform initiative always critically hinges on mutual consensus of all stakeholders, both in the external environment and within the organization.

I am pleased to know that Aqua Foundation through the platform of 11th World Aqua Congress- International Conference 2017- with the main theme as 'Water & Environment Solutions: Cutting Across Borders (Presenting Best Practices from Across the World)' is creating a highly meaningful conference which aims at bringing together all the variety of stakeholders.

I sincerely hope that the two days proceedings of the conference benefits all segments.

I wish them all the success and hope that the outcome of the conference shall have a long lasting benefit to our natural resources-Water & Environment.



**Water**  
FOR PEOPLE OF INDIA

**श्री. अशोक शर्मा**  
**Prof. Ashok Sharma**

वि. उ. उ. के रूप में भारत सरकार के सचिव के रूप में  
TO THE VICE PRESIDENT OF INDIA  
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TEL.: 011-23041200/23041201/23041202  
www.pib.gov.in



25th May, 2017

**Message**

I am pleased to note that Aqua Foundation, a NGO, working for the conservation of water & environment, is organizing XI World Aqua Congress – 'Water & Environment Solutions: Cutting Across Borders (Presenting Best Practices from Across the World)'.

XI WAC 2017- International Conference & Exhibition, aims to bring together policy makers, administrators, academicians, scientists, researchers and industry to exchange and share their experiences, innovations, and ideas about all aspects of Water & Environment. It provides an interdisciplinary forum to present and discuss the most recent innovations, trends, concerns, practical challenges and the solutions in the field of Water & Environment.

I wish them all the success and hope the outcome of the event shall have a long lasting impact on all stakeholders.

  
(Ashok Sharma)

**श्री. ए. क. महापात्र**  
**Dr. A. K. Mahapatra**

वि. उ. उ. के रूप में भारत सरकार के सचिव के रूप में  
TO THE VICE PRESIDENT OF INDIA  
नई दिल्ली, भारत  
TEL.: 011-23041200/23041201/23041202  
www.pib.gov.in



27th August, 2017

**MESSAGE**

I am indeed happy to know that Aqua Foundation is organizing 11th World Aqua Congress 2017 on 'Water & Environment Solutions: Cutting Across Borders' at New Delhi from 9-10 November, 2017.

Water security and food security are the two important concerns in the present context, especially with growing population and increasing consumption of the resource in agriculture, industry and domestic sector. Over exploitation of underground water, less water use efficiency in agriculture and high level of contamination are the issues linked to the water management system in the country. We have made much progress both in water harvesting and further application of water in agriculture through Micro irrigation systems and water saving technologies. With a view to best practices it is necessary to reform the concept of Per Drop More Crop, 40 Sanches of Sancha and 400 Water for People. Apply Practice Market Model. Sustainable Virginia a flagship program has been started to provide focus on soil and solutions in irrigation supply with high water use efficiency and productivity.

Considering the opportunities and threats it is necessary to address the gaps. Organization of World Aqua Congress on organizing water & environment solutions and presenting best practices from across the world is timely to address the issues.

I wish the conference of the success.

Yours sincerely,  
  
(A. K. Mahapatra)



## Feedback

### Information/ Communication



■ 99%

■ 1%

### Venue and Arrangements



■ 98.25%

■ 1.75%

### Technical Papers and Sessions Quality



■ 99.75%

■ 0.25%

### Overall Hospitality of Organizers



■ 100%

■ Excellent   ■ Very Good   ■ Good   ■ Poor   ■ Very Poor

## Testimonials

Thanks a lot for giving the opportunity to meet with diversified group.

**Dr. Anju Gaur**  
Water Specialist  
The World Bank

Cheers and Salute to You All who tirelessly work towards the well-being of Humanity.

**Anil A Bhagwan**  
General Manager  
Canar Trading, Bahrain

I am very impressed with your organization doing excellent work for the country. I was impressed with the non-use of plastic bottles avoided for drinking water during conference for 2 days this is extremely remarkable. Wish your team a grand Success in future.

**M A Majaria**  
President  
Indian Quality Centre  
For Trade Promotion &  
Marketing Development Society

Heartily congratulations to the entire team of World Aqua Congress for the grand success of the XI World Aqua Congress 2017.

**Dr. R.A.Yadav**  
Honorary Advisor  
Aqua Xplore

The conference was well organized and ran smoothly. Proud of you all.

**Samarakoon Banda**  
VS Consulting (Pvt) Ltd.  
Sri Lanka

It was the most well managed event that I have ever attended, especially the very warm personal touch for each individual. The entire event was very thoughtfully planned and meticulously executed. The presentations made by eminent people were of the highest quality of scholarship and ensuring the participation of a select group of distinguished professionals was a remarkable achievement.

Please continue with your good work for humanity.

My Best Wishes to your entire team

**Dr. Yogesh Sharma**  
Ex-Director, MoEF  
and Ex-Advisor, NMCG

It was indeed a very rewarding experience being there and listening to so many well informed discussions. Will be looking forward to more such interactions.

**JK Bhalla**  
Former Director  
GSI and Secretary, GHS

Many thanks for organizing such wonderful conference. It was a great learning and sharing experience.

**Amit Mehrotra**  
Program Manager  
UNICEF

Thank you for organising such good program at Delhi. Very informative sessions & memorable award ceremony.

**Ramakant Bari**  
Proprietor  
Atlanta Industrial Corporation

I would like to thank you once again for the invitation. It was an honor to be the part of XI World Aqua Congress 2017.

**Geeta Sandal**  
Senior Project Officer  
Sustainability Management  
ICLEI- Local Governments for  
Sustainability, South Asia

My compliments for organising the event flawlessly.

**Prabhash Gokarn**  
Head (Projects)  
Tata Steel Ltd

We appreciate your effort for organizing an event for a cause. Thank you for recognizing our company for the award.

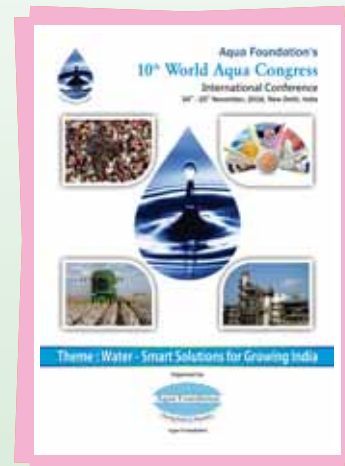
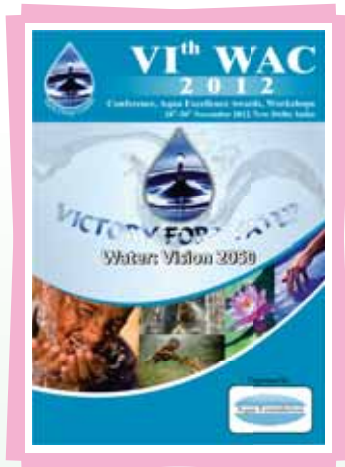
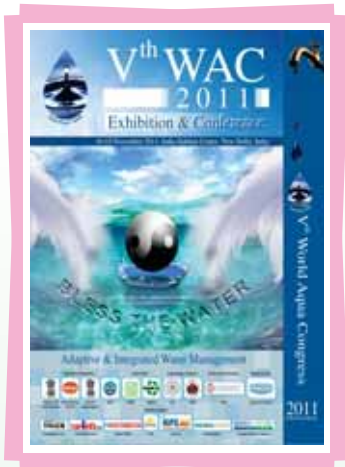
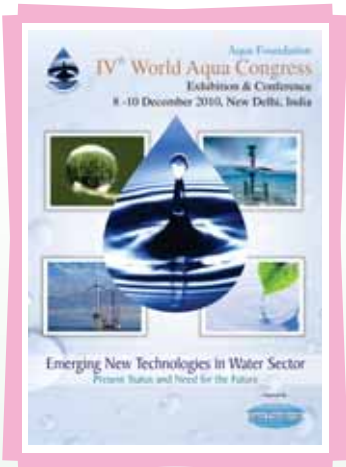
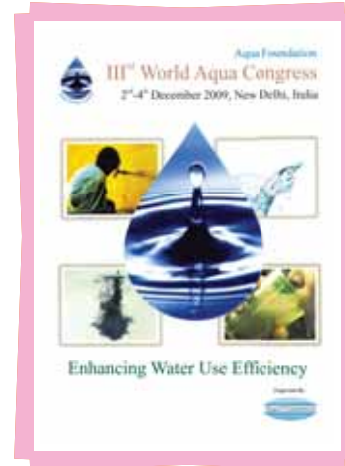
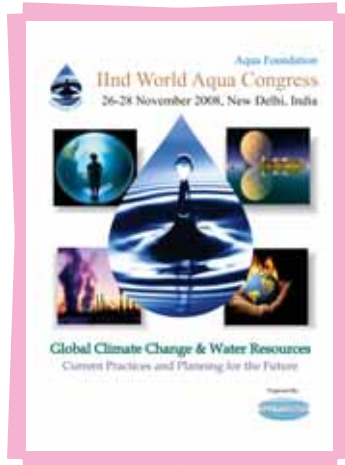
**Ms. Tasnim Latif**  
Head Operations  
Furaat Earth





## Previous World Aqua Congress - Themes & Topics

Previous conferences addressed the issues of Water Resources Availability, Management & Quality (2007), Global Climate Change & Water Resources (2008), Enhancing Water use Efficiency (2009), Emerging technologies in the water Sector-Present Status & Need for the future (2010), Adaptive & Integrated Water Management (2011), Water : Vision 2050 (2012), Balancing Panch-Tatwa (Five Elements) Strategically Towards Sustainability (2013), Balancing Development and Environment-Economic Growth with Environmental Sustainability (2014), Reviving Traditional Water & Environment Conservation Techniques (2015) and Water - Smart Solutions for Growing India (2016).



“If you cannot love each other  
you cannot achieve your goal”



## Aqua Foundation

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