



Aqua Foundation's IX World Aqua Congress International Conference

26th & 27th November 2015, New Delhi, India

Reviving Traditional Water & Environment Conservation Techniques



"Traditional Knowledge is sustainable and forms the basics of an ecological way of life."

About IX World Aqua Congress

Reviving Traditional Water & Environment Conservation Techniques

In the face of mounting water and environmental crisis in the world, various groups have begun a campaign to promote a more sustainable lifestyle. Aqua Foundation, a non-governmental organization, has taken multiple initiatives over the years, to deal with these issues holistically, rather than applying quick-fix solutions to individual aspects.

Aqua Foundation's philosophy relies on an inclusive understanding of the interconnections between all the elements of an ecosystem: plants, animals, people, and climate. Organization also believes that efforts are not yielding desirable results due to the fact that the building blocks of the universe i.e. five elements (Panch Tatwa- Water, Earth, Energy/ Fire, Air and Space) are being dealt separately, completely in isolation and against the very fundamental nature of these elements i.e. interdependence and interconnectedness. This is where we have a lot to learn from traditional practices wherein our ancestors mastered the art of living in harmony with nature, while preserving a perfect balance between the five elements (Panch-Mahabhutas).

For long Traditional Wisdom has been seen as opposite of Modern Science. The organization is tirelessly working to change this notion and incorporate useful elements of traditional conservation practices as well as modern science and technology, to arrive at a comprehensive solution to present day's problems and future challenges.

Previous conferences organized by Aqua Foundation initiated a useful dialogue on these aspects. VII World Aqua Congress (2013) was conducted with theme of 'Balancing Panch-Tatwa (Five Elements) Strategically Towards Sustainability' (Achieving sustainability will enable the Earth to continue supporting all forms of life) followed up by VIII World Aqua Congress (2014) on 'Balancing Development and Environment' (Economic Growth with Environmental Sustainability).

Various experiments of reviving traditional practices have already yielded desirable results in many parts of the country. Realizing the need to unify diverse efforts being put forward by various individuals and organizations, Aqua Foundation is organizing IX World Aqua Congress on the topic of "Reviving Traditional Water & Environment Conservation Techniques".

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

Themes & Topics:

This is the first ever conference aimed at creating a collection of traditional conservation techniques, and hence themes listed below are only to serve as broad discussion topics. The conference aims to invite contributions from scientists, researchers and practitioners from a diverse background i.e. Water, Earth Sciences (Geology, Geophysics, Geochemistry etc.), Agriculture, Energy (Hydro, Thermal, Nuclear, Solar and other unconventional), enabling a wholesome integrated discussion on traditional practices for sustainability.

➤ Reviving Traditional Water & Environment Conservation Techniques

- Water Conservation & Management Techniques & Practices
- River Rejuvenation & Surface Water Management
- Rain Water Harvesting & Ground Water Recharge Techniques & Practices
- Agriculture & Irrigation Techniques & Practices
- Water Quality & Treatment Techniques & Practices
- Water Use Efficiency Improvement Techniques & Practices
- Ground Water Exploration, Development & Management
- Environmental Conservation Techniques & Practices
- Traditional Wisdom to Counter Climate Change Impacts
- Preserving Hydrological Cycle

*"If we do not permit the earth to produce beauty and joy,
It will in the end not produce food, either."*

-Joseph Wood Krutch



Aqua Foundation's Excellence Awards:

The "Aqua Foundation's Excellence Awards" are the highest awards given by Aqua Foundation to its members, stakeholders and contributors in recognition of their outstanding achievements in the field of water, environment, energy, earth sciences, atmospheric sciences, planetary sciences, pollution control and sustainability solutions. Aqua Foundation honours, in each World Aqua Congress, individual / nominees of corporate members who have made a mark in their respective fields of expertise or have made a significant contribution towards Humanity.

Number of Awards: The number of awards shall be between 0 and 40.

Last date of Awards application submission: 25th October, 2015

(Please mail at - praggya@aquafoundation.in for nomination form & details).



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Delegate Registration Fees Details:

Delegate Type	Delegate Fee	
	1 delegate	
	INR	USD
Government / NGO / Academic Institution	8000	250
Private / PSU / Individual	15000	500
Student	4000	150
Accompanying Person	4000	150

Registration fee includes entrance to the conference, conference kit, coffee/ tea, lunch and cultural evening dinner

- ➔ 10% discount on group of 3 or more delegates (only for Private, Government / NGO, Academic Institutions).
- ➔ No discounts for students and accompanying persons.

"Knowledge comes from learning. Wisdom comes from living."

-Anthony Douglas Williams

Relevant Ministries for Participation & Using Recommendations:

- ✦ Ministry of Environment & Forest
- ✦ Ministry of Earth Sciences
- ✦ Ministry of Water Resources
- ✦ Ministry of Petroleum and Natural Gas
- ✦ Ministry of Mines
- ✦ Ministry of Power
- ✦ Ministry of Urban Development
- ✦ Ministry of Rural Development
- ✦ Ministry of Agriculture
- ✦ Ministry of Drinking Water & Sanitation
- ✦ Ministry of Coal
- ✦ Ministry of Culture
- ✦ Ministry of Health and Family Welfare
- ✦ Ministry of Housing and Urban Poverty Alleviation
- ✦ Ministry of Human Resource Development
- ✦ Ministry of New and Renewable Energy
- ✦ Ministry of Science and Technology
- ✦ Ministry of Ayush
- ✦ Ministry of Women and Child Development
- ✦ Ministry of Youth Affairs and Sports

A Must Attend Event for:

- ✦ Policy Makers & Planners
- ✦ Water Resources Departments, Organizations & Industries
- ✦ Oil & Gas Industry
- ✦ Mining Industry
- ✦ Hydro Power, Thermal Power, Nuclear Power & Renewal Energy Industry
- ✦ Construction & Infrastructure Industry
- ✦ Dam Owners & Planners
- ✦ Urban Planners, Utilities & Developers
- ✦ Environmental Companies & Consultants
- ✦ Pollution Control Boards
- ✦ Environmentalists
- ✦ Civil Society Members
- ✦ NGOs

Traditional Water Harvesting Methods

Orissa - Katas / Mundas / Bandhas



The katas bandha irrigate ancient the Gonda and Ma...

Rajasthan - Johads

(Provide water for domestic use)



Kerala - Surangam



Karnataka - Volakere



Maharashtra - Bandharas



Nicobar Island



The Shompen and Jarawa tribals of Nicobar Island make extensive use of split bamboos in their water harvesting systems. The split bamboos are placed along a slope with the lower end leading into a shallow pit. These

received the land from the groups on the

Bihar - Mundas

The traditional flood water harvesting system in Bihar has a marked slope - 1 r The soil is sandy and does r swell only during the monsoo sand.

An Ahar is a catchment basin of the land itself.

Pynes are from the r

ra

and, in that ca

scanty rainfall

land could be



Andhra Pradesh - Tank (Mainly for irrigation)

A tank consists of water storage which has been developed by con of earth or stones built across a stream. The water impounded by the bund is used for irrigation and for other purposes.

Nagaland - Zabo



The Zabo (the world m run-off) system is practic north-eastern India.

Also known as the ru combines water cons forestry, agriculture and ani

The Zabo system consists forestland towards the top of harvesting tanks in the mid yard and paddy fields at the lo

inking by humans and state, the a

Gujrat - Kunda



The temples is confronted with large sacred pool or the Surya Kunda.

The temples is divided into two main sections - The Pillared Hall or Sabha Mandapa and The Main Temple or Gudha Mandapa.

These are check dams or irs built across rivers. A tem found in Maharashtra, raises the water level of the gins to flow into channels. ed to impound water and roir.

was built across a small water supply would usually last for a few months after the rains.

Organized by:



Date
26th - 27th November, 2015

Venue
India Habitat Centre
Lodhi Road, New Delhi, India

World Aqua Congress 2015 Secretariat:

Aqua Foundation

C-24, First Floor, Soami Nagar (North)
Panchsheel Enclave, New Delhi – 110017
Telefax : +91-11-41318030

Contact:

Praggya Sharmaa

Organising Secretary

Mobile: +91-9818568825

E-mail:

wac@worldaquacongress.org
info@aquafoundation.in

Web:

www.worldaquacongress.org

"Wisdom is not a product of schooling but of the lifelong attempt to acquire it."

-Albert Einstein