

SEMINAR ON
**RIVER ACTION PLAN, FLOOD MANAGEMENT
AND BASIN DEVELOPMENT**

Date: 27th & 28th July 2018

Venue: Shangri-La's Eros Hotel, 19 Ashoka Road,
Connaught Place, New Delhi 110001



SUPPORTED BY



NATIONAL MISSION FOR CLEAN GANGA (NMCG)
Ministry of Water Resources, River Development
and Ganga Rejuvenation Government of India



INLAND WATERWAYS
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SEMINAR THEME

Water is the most precious of all natural resources for human existence. But management of water resources and river basins must ensure functioning of the ecosystem as a paramount goal. Extreme conditions of resource availability - both paucity and excess are detrimental to human life and property.

In view of the severe flood occurrences of recent years, developed economies have passed Flood Management Directives with the objective to minimise and manage flood-related risks to humans, the environment and property. Vast swathes of flood prone areas have Standardised Flood Management procedures. Protection against flooding is, typically, the responsibility of a central river basin management authority to cater to events of high water and extreme weather conditions. The intensity of precipitation, the density of construction, the ingress of development into the banks, determine the criticality of flood risks and form the basis for flood management and flood risk minimisation measures.

From the point of view of floods, Indian river systems are categorised into different regions and an integrated approach is necessary to incorporate the requirements of basin development with flood management. River basins are 'dynamic over space

and time', and any single management intervention has implications for the system as a whole

Extensive water requirement for human consumption entails investments in water infrastructure for urban, industrial and agricultural growth resulting in usage in excess of the renewable water available. To pre-empt 'over commitment of water resources' than is environmentally desirable and to ensure minimum environmental flow regimes need effective management, hydrological knowledge, awareness of riparian rights, etc. The challenge for water management is primarily due to less water in river basins that are already stressed, necessitating stricter scrutiny by decision makers and civil society.

The cost and potential negative impact of new development projects reduces available freshwater which is renewable due to contamination, overdraft of aquifers and climate change. River Action Plans are launched for abatement of pollution in the water bodies consequent to discharge of wastewater, solid waste, etc from point as well as non-point sources. Steps to tackle pollution levels in identified polluted stretches of major rivers, to improve water quality to bathing quality standards and ensure minimum flows need holistic integrated action.

OBJECTIVE

To bring together all stakeholders to consider a holistic approach, discuss the challenges and opportunities and make recommendations to the Government.

THEMES

RIVER BASIN
MANAGEMENT

ECOLOGY AND
ENVIRONMENT

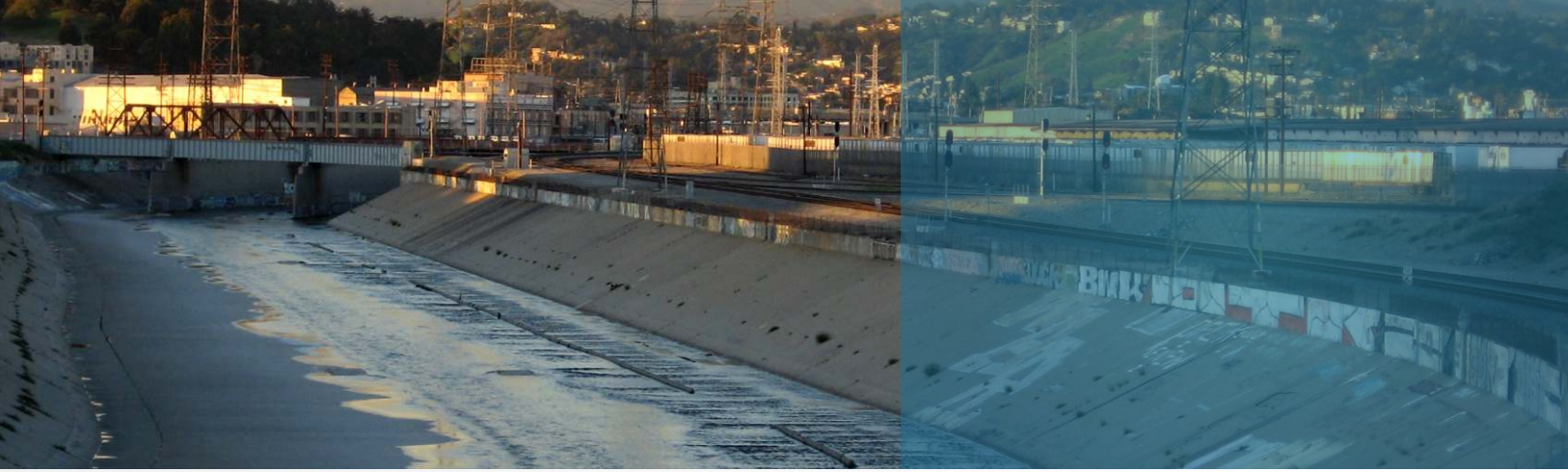
CLIMATE CHANGE IMPACT ON
FUTURE FLOOD MANAGEMENT

FLOOD FORECASTING
AND RISK ASSESSMENT

RIVER REJUVENATION AND
POLLUTION ABATEMENT

INTERNATIONAL EXPERIENCE
AND LESSONS LEARNT





DELEGATE PROFILE

- ▲ Policymakers and Regulators
- ▲ River Basin and Flood Management Authorities (Centre and States)
- ▲ Pollution Control Boards
- ▲ Urban Municipal Bodies / Water Supply Boards
- ▲ Planners / Designers / Consultants / Engineers / Contracting Companies
- ▲ Project Promoters / Financing Bodies / Multi lateral Development Banks
- ▲ FIDIC Mas / International Consultants and Water Agencies
- ▲ Vendors & Suppliers

ABOUT CEAI

Consulting Engineers Association of India (CEAI) is an apex body of consulting engineers with a Pan Indian membership, comprising professional consulting engineering organizations and eminent engineering consultants. It is the Indian Member Association of FIDIC (Fédération Internationale Des Ingénieurs-Conseils) ie International Federation of Consulting Engineers. CEAI, a non-profit organisation, is registered as a Society.

PAPER /PRESENTATION

Those who wish to present a paper at the Seminar are requested to send an abstract (in hard and soft copy format) of the paper in not more than 500 words, with bullet points of main topics, by 10th May 2018. It should deal with the Seminar theme. In order to enable publication of the topics in the Seminar Souvenir, selected authors may please submit the full text of their paper, in not more than 2000 words, by 31st May 2018.

REGISTRATION FEE

CEAI Members	Non-Members	Students
₹ 4000	₹ 5000	₹ 1500

+ GST as applicable (presently @ 18%)

- 5% Discount would be extended if there are 5 or more participants from one organization
- Seminar Fee shall be paid at the time of registration for the Seminar

EARLY BIRD DISCOUNT TILL 31ST MAY 2018

An early bird discount of 10% is applicable for registration with payments made by 31st May 2018

PAYMENT

Payments should be made by Cheque /DD in favour of "Consulting Engineers Association of India" payable at New Delhi or sent via Bank Transfer as per details given below:

Name of the Account : Consulting Engineers Association of India

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Account type : Savings

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PROGRAMME

DAY 1 - 27TH JULY 2018

09:00 - 9:30 hrs	Registration
09:30 - 10:15	Inaugural Session Welcome Address / Seminar Introduction / Keynote Address / Vote of Thanks
10:15 - 10:45	Tea Break & Networking
10:45 - 12:15	Plenary Session: River Basin Management Basin wide Compliance / Sustainable Diversion / Integrated Water Resource Management / Mekong Basin / Murray Darling / Lessons Learnt
12:15 - 13:30	Technical Session 1: Integrated Flood Management National Hydrology/ Flood Forecasting / Risk and Vulnerability Assessment /Resilience to Flooding / Sustainable Flood Management / Metro Manila / Brahmaputra / Lessons Learnt
13:30 - 14:15	Lunch and Networking
14:15 - 14:30	Vendor Presentation
14:30 - 16:00	Technical Session 2: Climate Change and Sustainability Climate Change Impact / Challenges in the Indian Context / Environmental Flow / Navigability / Ecology and Sustainability / Monitoring and Data Analytics
16:00 - 16:30	Tea Break & Networking
16:30 - 17:45	Technical Session 3: Policies for Effectiveness Current Policies and Changes for Effectiveness / Legislative Policy Compliance / Practical Implementation & Enforcement / Water Governance / Interstate Disputes and Way Forward

DAY 2 - 28TH JULY 2018

09:30 - 11:00	Plenary Session: River Action Plan The Indian Experience / Country Specific Intervention / International Experience / Lessons Learnt / Best Practices / The Thames Experience
11:00 - 11:30	Tea Break & Networking
11:30 - 13:15	Technical Session 4: Pollution Abatement Integrated Approach to Pollution Abatement / Smart Solutions/ Solid and Liquid Waste Management / Waste Minimisation / Recycling / Reuse / Zero Discharge / Indian and International Experience
13:15 - 14:00	Lunch and Networking
14:00 - 14:15	Vendor Presentation
14:15 - 15:45	Technical Session 5: Capability and Capacity Building Institutional Strengthening / Training and Capacity Building / Sectoral Reforms / Procurement Options / Contracting Strategies / Public Private Partnership
15:45 - 16:45	Panel Discussion: The Way Forward
16:45 - 17:15	High Tea

CONSULTING ENGINEERS ASSOCIATION OF INDIA

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