# Special Session on "GEOSYNTHETICS APPLICATIONS FOR MITIGATION OF NATURAL DISASTERS AND ENVIRONMENTAL PROTECTION"

### **PROGRAM OVERVIEW:**

The catastrophic flood in Jammu & Kashmir and cyclone in Andhra Pradesh and Odisha are the worst recent disasters which have shaken the confidence of the nation in pursuing the infrastructure developmental models. In addition, the massive devastation which occurred in June, 2013 due to heavy rain and cloud burst followed by landslides, in Uttarakhand, has created a situation in the state which needs urgent attention. Geosynthetics, a very versatile material, has lot of scope for preventive measures to face such challenges.

The proposed Seminar will focus on versatile applications of Geosynthetics for mitigating the effects of floods on infrastructure, minimizing landslides, rock falls, debris flow, avalanches, etc.

## **PROGRAM PROFILE:**

- Ground Improvement
- Reinforced Soil Structures
- Coastal and River Bank Protection
- Landslide Mitigation

## **METHODOLOGY:**

The keynote lectures will be presented by both academic representatives and professional operators.

#### **PARTCIPANTS PROFILE:**

Decision-makers, project managers, consultants, designers, engineers, geologists, and technicians, involved with infrastructure projects.

#### **DURATION:**

**01 Day** 10 July 2015

**VENUE:** 

Central Board of Irrigation & Power, New Delhi

#### **REGISTRATION FEE:**

There is no registration fee for participation in the Seminar. The participation in the Seminar by invitation only.

## Seminar on "Hydro Power Development - Issues and Challenges",

#### **PROGRAM OVERVIEW:**

The seminar will provide a forum for project owners and consultants to exchange views to evaluate and address the economic, environmental and social issues for the development of Hydropower and other bottlenecks in the development of hydro sector & way forward to resolve them.

## **PROGRAM PROFILE:**

- Socio-economic Benefits of Multipurpose Projects
- Misconceptions against the development of Hydro::
  - Environmental Degradation
  - > Environmental Flows
  - Impact on Biodiversity
  - Potential Threat of Paraglacial Zones
  - Deteriorating health of fragile Himalayan Geology
  - Seismic Risk
- Power Markets and Demand Scenario
- Actions to reactivate Hydro Sector

## **METHODOLOGY:**

The program would be delivered through Invited Lectures.

## **PARTCIPANTS PROFILE:**

Decision-makers, project managers, consultants, designers, engineers, geologists, and technicians, involved with hydropower projects.

#### **DURATION:**

01 Day

06 August 2015

#### **VENUE:**

Central Board of Irrigation & Power, New Delhi

#### **REGISTRATION FEE:**

There is no registration fee for participation in the Seminar. The participation in the Seminar is limited to 100 only, and by invitation only.

## HYDRO INDIA 2016

## **PROGRAM OVERVIEW:**

The prime objective of the seminar is to discuss issues hindering accelerated development of hydro power in the country and to strategize the way forward for its speedy development. The seminar will provide a forum for project owners and consultants to exchange views to evaluate and address the economic, environmental and social issues for the development of Hydropower and other bottlenecks in the development of hydro sector & way forward to resolve them.

## **PROGRAM PROFILE:**

- Hurdles being faced in the development of hydro
- Actions to reactive hydro sector
- Policy of Government to develop hydro sector
- Coordination among different ministries associated with hydro power development
- Incentives for Private Developers Frustration or Enthusiasm
- Development of Flood Forecasting and Advance Warning Systems
- TBM Tunnelling in Himalayas: Success or Failures Lessons Learnt
- Survey & Investigation in preparation of dependable DPRs and limitations

#### **METHODOLOGY:**

The program would be delivered through Invited Lectures and case studies.

## **PARTCIPANTS PROFILE:**

Decision-makers, project managers, consultants, designers, engineers, geologists, and technicians, involved with hydropower projects.

#### **DURATION:**

2 days

January 2016 (Tentative)

#### **VENUE:**

Central Board of Irrigation & Power, New Delhi

#### **REGISTRATION FEE:**

Members of CBIP/ ISRM	Indian Rs. 9,000/USD 225+ Service Tax @ 14%
Non-Members	Indian Rs. 10,000/USD 250+ Service Tax @ 14%
Researchers/Academicians/Students/Accompanying Persons	Indian Rs. 5,000/USD 125+ Service Tax @ 14%

In case of 04 or more nominees from an organization, one nomination will be allowed free registration.