

## Topics to be covered during the Workshop

The technical presentations are being planned following sub-themes for general discussions:

- Rainfall variability
- Rainfall Disaster management
- Extreme events including flood management
- Impact of climate change on rainfall variability.

## Resources persons

- Prof. Toru Terao, Kagawa University
- Prof. Taiichi HAYASHI, Kyoto University
- Prof. Subashisa Dutta, IIT Guwahati
- Dr. Manish Kumar Goyal, IIT Guwahati

## Eligibility

Faculty, researchers and scientists who are currently working in the broad field of Water and Environmental Engineering / Science and natural disaster, at various Engineering colleges, universities, R&D institutions and national laboratories.

## Registration

There is no registration fee. Participants are required to send the duly filled registration form attached here before the due date. The accommodation will be provided on payment basis as per the IIT Guwahati hostels / guest house subjected to availability. No TA/DA will be paid for attending this workshop.

## Important Dates

Last date of receipt of Registration Form: 04 March 2016

Information about selection of Participants by email: 07 March 2016

## Preamble

The assessment of rainfall disaster events has been a challenging task for the fraternity working in the water resources and hydrology. It is now clear that climatic and non-climatic factors lead to the intensification of hydrological cycle and will have serious impacts on water resources and disaster events especially in developing countries. The knowledge of hydrology and disaster risk management and adaptation can be useful for several disaster events such as real-time flood forecasting and flood warning, designing dams and assessing water balance of the region, etc. The present workshop is being organized to expose young researchers of the country with meaningful research issues related with rainfall disaster and human adaptability, and provide an opportunity for better interaction with eminent experts working on aforesaid themes.

## Objectives of the programme

- To create awareness about importance issues for research in the area of rainfall disaster and human adaptability issues.
- To develop small networking groups for taking up collaborative research on the themes of workshop and deliver tangible outputs for the benefits of the society

## Course Faculty

Eminent researchers from National and International organizations will deliver expert lectures on a wide range of topics related to rainfall disaster and human adaptability.

A

*Half day Workshop*

*On*

## Indo-Japan Workshop for Rainfall Disaster and Human Adaptability

March 09, 2016



**Coordinator**

**Dr. Subashisa Dutta**  
Professor and Head

**Co-coordinator**

**Dr. Manish Kumar Goyal**  
Assistant Professor

**Organised by**  
**Department of Civil Engineering**  
**Indian Institute of Technology Guwahati**  
**(IITG)**  
**Guwahati, Assam-781039, India**

## About the Institution

Indian Institute of Technology Guwahati (IITG), is a public institution established by the Government of India, located in the state of Assam in India. It is the sixth Indian Institute of Technology established in India. IITG is officially recognised as an Institute of National Importance by the Government of India and was set up with the objectives to provide high quality Technical education to meet the needs of the Nation in the present competitive world.

The campus of IIT Guwahati is spread over 285 hectares of land on the north bank of River Brahmaputra at around 20 km from the Guwahati city. With the majestic Brahmaputra on one side, and with hills and vast open spaces on others, the campus provides an ideal setting for advanced learning and research.

The Department of Civil Engineering IIT Guwahati since its formation has been striving hard to improve the civil aspects of India and is considered to be the pioneer in the region in this aspect. The Department offers Under Graduate course in Civil Engineering and Post Graduate Programs in the following areas:

1. **Environmental Engineering**
2. **Geotechnical Engineering**
3. **Infrastructure Engineering and Management**
4. **Structural Engineering**
5. **Transportation Systems Engineering**
6. **Water Resources Engineering and Management**

The Department offers Ph.D. Programs to promote basic and applied research activities in above mentioned areas of Civil engineering. The consulting services in diverse fields of Civil Engineering are provided to the government organizations, corporate and private sectors.

### For more information, contact us

Prof. Subashisa Dutta, Coordinator  
Dr. Manish Kumar Goyal, Co-coordinator

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## Registration Form

(Type/ written applications to be submitted)

### Workshop on

### Indo-Japan Workshop for Rainfall Disaster and Human Adaptability

March 09, 2016, IIT Guwahati

1. Name of the Applicant.....  
(Block letters)
2. Age: ..... Sex: M/ F .....
3. Current Affiliation and Designation: .....
4. Address for correspondence: .....
5. Highest educational qualification .....

| Degree | Specialization | Institute | Year |
|--------|----------------|-----------|------|
|        |                |           |      |
|        |                |           |      |

6. Details of three publications:  
.....  
.....  
.....

Brief description of research you would like to pursue in the area of rainfall disasters and human adaptability (use space overleaf)

E-mail ID :

Mobile number :

Experience (Years) : Teaching:

Research/ Others:

Require Lodging / Boarding Facility? Yes / No

## Declaration

The information submitted herein is correct to the best of my knowledge. I agree to abide by the rules and regulations governing the IIT Guwahati.

Place:

Date:

Signature of the Applicant

Mr./ Mrs./ Dr. .... is an employee of our Institution and permitted to attend the Workshop on “**Indo-Japan Workshop for Rainfall Disaster and Human Adaptability**” to be held at IIT Guwahati on March 09, 2016.

Date:

Place:

Signature & Seal of the Head of Institution

The Completed Registration Form should be sent by Fax/ Speed Post/ E-Mail to:

Prof. Subashisa Dutta / Dr. Manish Kumar Goyal,  
Department of Civil Engineering, Indian Institute of Technology Guwahati, Guwahati, Assam- 781039, India  
Fax: 0361- 258 2440,

E-mail: [subashisa@iitg.ernet.in/mkgoyal@iitg.ernet.in](mailto:subashisa@iitg.ernet.in/mkgoyal@iitg.ernet.in)