



IIT Bhubaneswar  
Indian Institute of Technology Bhubaneswar



सत्यमेव जयते  
Department of Science & Technology  
Govt. of India

# CLIMATE CHANGE IMPACTS ON HYDRO-METEOROLOGICAL EXTREMES: RESEARCH GAPS AND CHALLENGES

## One-Day Brainstorming Workshop

DECEMBER 13, 2019

SCHOOL OF INFRASTRUCTURE  
INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Changes in weather and climate are known to have a great impact on life, resources, economy and society. It is necessary to quantify the impacts of climate change on the hydro-meteorological processes, that is used for decision-making pertaining to agricultural water management, hydro-meteorological hazards, in particular, droughts and floods under climate change scenarios. The broad consequences of climate change are of serious concern to local population, policy makers, and other stakeholders. The workshop will address relevant topics such as hydrologic impacts of climate change in the eastern India including the coastal regions; use of primary and secondary datasets of hydro-meteorological variables; impacts of climate change on hydro-meteorological extremes (droughts, floods, extreme weather events). The workshop aims at capacity building by sensitizing academicians, engineers, policy makers and researchers on the science of climate change, assessment of its impact, adaptation and mitigation strategies for sustainable development. The research gaps and challenges involved will be specifically addressed.

### Organizers

#### Coordinator

**Prof. R K Panda**

School of Infrastructure

#### Co-Coordinator(s)

**Prof. U C Mohanty**

School of Earth, Ocean and  
Climate Sciences

**Dr. Meenu Ramadas**

School of Infrastructure

### Who can attend?

- Practising Engineers, Researchers and Professionals involved in Civil, Agricultural, Water Resources, Environmental Engineering and Atmospheric Sciences profession including R&D laboratories.
- Students at all levels and Faculty Members from reputed academic institutions

### Registration

Event Date & Time: 13-12-2019 at 09:30 AM

Venue: School of Infrastructure, IIT Bhubaneswar, Khordha – 752050

#### Registration is Free

Lunch & refreshments will be provided

Limited accommodation available on payment

**Last date of registration: December 06, 2019**

Register online:

<http://tiny.cc/1mylgz>

For details, write to:  
meenu@iitbbs.ac.in  
gs17@iitbbs.ac.in

