

**NATIONAL SEMINAR ON  
CLIMATE CHANGE AND SUSTAINABLE  
DEVELOPMENT  
WITH REFERENCE TO INDIA**



**DATE: 17-19 DECEMBER 2009  
AT  
TEZPUR UNIVERSITY, TEZPUR**

**ORGANISED BY  
DEPARTMENT OF ENVIRONMENTAL SCIENCE  
TEZPUR UNIVERSITY  
NAPAAM, TEZPUR, ASSAM  
784028, INDIA**

**THE SEMINAR**

Climate change, widely recognized as the single greatest environmental challenge the earth is facing today, is a growing crisis with economic, ecological security, food production, water supply, health, energy, etc and other dimensions. "The warming of the climate system is unequivocal, as is now evident from observations of increases in global average air and ocean temperatures, widespread melting of snow and ice, and rising global average sea level" (the 2007 IPCC summary report). The challenges are real and will impact in myriad of ways. Changes in climate and subsequent deterioration of natural resources will have impact in plants, animals and human beings. It is highly desirable for all of us, including the governments, to understand the seriousness of climate change and its varied impacts on the environment, society and sustainable development. The national seminar aims at providing an arena for the scientific community scientists / researcher from different discipline to share their observations and experiences so as to generate sufficient interest for further research in the areas of climate change, implications and particularly the mitigations.

**THE UNIVERSITY**

The University is a unitary type central University established in 1994 with a science and technology bias. The university is fast emerging as a premier institution of higher education and research within the span of fifteen years of its existence, the University has been able to establish itself as an institution known for the quality of education imparted and its research activities

**THE DEPARTMENT**

The department of Environmental Science was established in 2003 with the objective of imparting education on regional and global environmental issues. The curriculum for the M.Sc program focuses on all important aspects of Environmental Science covering contemporary problems of natural resource conservation and environmental quality. Thrust areas of research include environmental pollution, greenhouse gas emission, riverine hazards, regional and local climate, geomorphology, pollution remediation and biodiversity conservation.

### HOW TO REACH

The University is located in Tezpur, the district HQ of Sonitpur, on the north bank of the river Brahmaputra. The Nearest main rail hub is **Guwahati** which is well connected by trains from other important places of our country. Regular bus services, via Nagaon (200 Km) or Mangaldoi (180km), are available from Guwahati (ISBT/ Machkhowa) to Tezpur. It's around four and half hours journey. Daily flights are available to Guwahati from other big cities of India. University Bus Services are available from **Tezpur ASTC (Assam, State Transport Corporation) Bus Station**. Taxis are available from Tezpur Town (Near ASTC Bus Station) or Mission Chariali and Private Bus from Tezpur Town (Near Idgah Maidan) to reach University Direct Alliance Air flights to Tezpur from Kolkata are available on Thursdays and Sundays.

### PLACES OF INTEREST

The city has a glorious past, which can be traced back to the age of the Mahabharata. It is also known for its rich cultural heritage, ancient ruins and scenic beauty. The Kaziranga National Park famous for one – horned rhino is only one and half hours drive away from Tezpur, while the Tiger Reserve of Nameri is only about forty Km away.

### FOCUS AREAS OF THE SEMINAR

- GHG Emission – Anthropogenic sources
- Environmental pollution and sustainability
- Emission reduction
- Energy: Efficiency, conservation and promotion ( of clean and renewable)
- Green technology/ Air pollution abatement
- Land use change
- Problem of adaptation in developing nations
- Perception and policy, India's concern
- Agricultural/food production
- Socio political and economic issues
- Hydrological regime/ River regime
- Biodiversity & relevant issues.

### TYPES OF PRESENTATION

- Invited lectures • oral • Poster

### CALL FOR PAPER

Faculty members, researchers, students of Universities and various research organizations are invited to submit extended abstract through email as MS-WORDS (version lower than 2007) file.

### IMPORTANT DATES

*Last date of submission for extended abstract:*

**October 15, 2009**

*Date for notification of acceptance:*

**October 30, 2009**

*Last date of Submission of full paper:*

**November 15, 2009**

### REGISTRATION FEES

Delegate Rs. 2000/-

Student/ Research scholar Rs. 1000/-

Delegate with spouse Rs. 4000/-

**Mode of payment :** through DD in favour of “The Treasurer, National Seminar on Climate Change and Sustainable Development”, Dept. of Environmental Science, Tezpur University, payable at SBI Tezpur, Assam.

### ACCOMMODATION

Limited number of accommodation at the University guest house (double bed) and hostels may be provided on the first come first basis at nominal charges. Hotel accommodation out side the campus (Tezpur proper) will be arranged on request.

### FINANCIAL ASSISTANCE

Based on funding, limited financial assistance for traveling to young researcher will be given.

### ORGANIZING COMMITTEE

1. Chairman - **Prof. M.K. Chaudhuri**, FASc, FNA, Vice-Chancellor, Tezpur University

#### 2. Members

**Prof. B. K. Knowler**, Deptt. of Molecular Biology and Biotechnology, T.U.

**Prof. D. K. Saikia**, Deptt. of Computer Science and Engineering, T.U.

**Prof. B. K. Danta**, Deptt. of English and Foreign Languages, T.U.

**Prof. M. K. Sarma**, Deptt. of Business Administration, T.U.

**Prof. N. S. Islam**, Deptt. of Chemical Sciences, T.U.

**Prof. A. K. Buragohain**, Registrar, T.U.

**Mr. R. Borah**, Finance Officer, T.U.

**Dr. B. Sahariah**, Controller of Examinations, T.U.

**Mr. P. Bora**, Sports Officer, T.U.

**Mr. R. Hazarika**, University Engineering, T.U.

**Prof. M. M. Sharma**, Deptt. of English and Foreign Languages, T.U.

**Prof. S. K. Dutta**, Deptt. of Cultural Studies, T.U.

**Prof. K. P. Sarma**, Deptt. of Environmental Science, T.U.

**Prof. C. L. Mahanta**, Deptt. of Food Processing Technology

**Prof. D. K. Bhattacharyya**, Deptt. of Computer Science and Engineering, T.U.

**Prof. S. K. Samadarshi**, Deptt. of Energy, T.U.

**Prof. C. Goswami**, Deptt. of Business Administration, T.U.

**Prof. A. K. Mukharjee**, Deptt. of Molecular Biology and Biotechnology, T.U.

**Prof. P. P. Sahu**, Deptt. of Electronics and Communication Engineering, T.U.

**Dr. R. Dutta**, Deptt. of Chemical Sciences, T.U.

**Dr. J. K. Sarma**, Deptt. of Physics, T.U.

**Dr. N. K. Dekabaruah**, Deptt. of Mathematical Sciences, T.U.

**Dr. C. K. Sharma**, Deptt. of Sociology

**Mr. T. Gogoi**, Deptt. of Mechanical Engineering, T.U.

**Dr. A. K. Das**, Deptt. of Environmental Science, T.U.

**Dr. R. R. Hoque**, Deptt. of Environmental Science, T.U.

**Dr. A. L. Devi**, Deptt. of Environmental Science, T.U.

**Dr. N. Gogoi**, Deptt. of Environmental Science, T.U.

#### 3. Convenor - **Prof. K. K. Baruah**,

Deptt. of Environmental Science, T.U.

### Registration Form National conference, on "CLIMATE CHANGE" 17-19<sup>th</sup> Dec, 2009. Tezpur University, Tezpur

Name: \_\_\_\_\_

Gender : Male Female

Designation : \_\_\_\_\_

Organisation: \_\_\_\_\_

Correspondence Address : \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

e-mail: \_\_\_\_\_

Presenting paper :

Presentation: Oral: Poster

Title of the paper: \_\_\_\_\_

\_\_\_\_\_

Whether accommodation required : Yes / No

If yes type : Dormitory / Single / Double

Date of arrival and time : \_\_\_\_\_

Place: \_\_\_\_\_

Time: \_\_\_\_\_

Encl. Demand Draft No. \_\_\_\_\_ Rs. \_\_\_\_\_

Date : \_\_\_\_\_ Signature : \_\_\_\_\_

*Typed or photocopy of the form may also be used*

**ADDRESS FOR CORRESPONDENCE**

**Prof. K.K. Baruah**

Convenor,

National Seminar on climate change and sustainable development

With reference to India

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