

3RD INTERNATIONAL SEMINAR

On

‘Earth System Processes and Interruptions: Issues and Challenges’

April 19-20, 2017 Malda, West Bengal



Organized by
Department of Geography,
University of Gour Banga
Malda, West Bengal
India-732103



Venue:
Department of Geography
University of Gour Banga
Malda, West Bengal
India-732103

REGISTRATION FORM

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Malda, West Bengal, India-732103

1. Name:

2. Designation:

3. Institutional Affiliation:.....

4. Nationality:.....

5. Sex:.....

6. Title of the Paper:

.....
.....

Registration Fees (Tick whichever is applicable)

- Delegates : Rs. 2000/-
- M.Phil/Ph.D. Scholars : Rs. 1200/-
- Students: : Rs. 500/-

7. Accommodation Needed : Yes/ No

8. Dates for accommodation: 18/04/2017; 19/04/2017 and 20/04/2017 (Please tick on the dates)

9. Communication Details of the delegate:

Address:.....

Telephone/Mobile No.:

Email ID:.....

Signature:.....

Date:.....

The filled in registration form must be send to email: geography.ugb@gmail.com on or before 25th march 2017.

N.B: The brochure can be downloaded from www.ugb.ac.in. The registration amount is to be paid in cash at the spot registration counter from 9.00 a.m. to 11.00 a.m. on 19.04.2017.

Invitation to 3rd International Seminar:

Dear Sir/Madam,

I am pleased to inform you that the Department of Geography, University of Gour Banga, is going to organize 3rd International Seminar on 'Earth System Processes and Interruptions: Issues and Challenges' on April 19-20, 2017.

On behalf of the seminar Organizing Committee, I cordially invite all the geographers and geo-scientists to participate and contribute paper as well as sharing their idea and knowledge on the operating earth system processes and associated issues and challenges.

With warm regards.

**Professor Sujit Mandal, Professor and Head
Convener, Seminar Organizing Committee
Department of Geography, University of Gour Banga
Email: mandalsujit2009@gmail.com
Mobile No.: 9476110460**

SEMINAR ORGANIZING COMMITTEE

Chief Patron:	Profesor Gopalchandra Misra Hon'ble Vice Chancellor University of Gour Banga, Malda, West Bengal India-732103
Convener:	Prof. Sujit Mandal, Professor and Head Department of Geography, University of Gour Banga
Organizing Secretary:	Dr. Swades Pal, Assistant Professor Department of Geography, University of Gour Banga
Joint Organizing Secretary:	Dr. Pradip Chouhan, Associate Professor Department of Geography, University of Gour Banga
Joint Organizing Secretary:	Dr. Arijit Das, Assistant Professor Department of Geography, University of Gour Banga
Cultural Secretary:	Mrs. Kabita Lepcha, Assistant Professor Department of Geography, University of Gour Banga
Treasurer:	Dr. Sunil Saha, Assistant Professor Department of Geography, University of Gour Banga

Advisory Board

Professor Amit Bhattacharya, Director, IQAC, University of Gour Banga
Professor Manas Chakraborty, Professor of Commerce, University of Gour Banga
Professor Vivekananda Mandal, Professor of Botany, University of Gour Banga
Professor Sumanta Chatteraj, Rtd. Principal, Govt. Teachers Training College, Malda.
Professor Malay Mukhopadhyay, Professor of Geography, Visva-Bharati
Professor Guruprasad Chattopadhyay, Professor of Geography, Visva-Bharati
Professor Umasankar Malik, Professor of Geography, Visva-Bharati
Professor Sunanda Bandopadhyay, Professor of Geography, Calcutta University
Professor Ramkrishna Maiti, Professor of Geography, Vidyasagar University
Professor Giyasuddin Siddique, Professor of Geography, Burdwan University
Professor Sanat Guchhait, Professor of Geography, Burdwan University
Professor Sutapa Mukhopadhyay, Professor of Geography, Visva-Bharati
Dr. Kalyan Rudra, Chairman, West Bengal Pollution Control Board
Dr. Sanatan Das, Dept. of Mathematics, University of Gour Banga
Dr. Arun Kumar Singh, Professor (Rtd.), Anthropological Society of India
Dr. Soumendi Chatterjee, Dept. of Geography, Presidency University
Dr. Utpal Roy, Dept. of Geography, Calcutta University
Dr. Sukla Basu, Dept. of Geography, Barasat State University
Dr. Nilanjana Das Chatterjee, Associate Professor of Geography and Environment Management, Vidyasagar University
Dr. Sumon Pal, Associate Professor of Geography, Sidho-Kanhoo University, Purulia
Dr. Biswajit Bera, Dept. of Geography, Sidho-Kanhoo University, Purulia

Focal Theme of the Seminar

‘Earth System Processes and Interruptions: Issues and Challenges’

The prime objective behind organizing 3rd International Seminar is to understand various geomorphic processes operating over the earth surface and its resultant consequences which would be discussed and analyzed in different technical sessions with proper methodologies in presence of students, research scholars, teachers and resource persons. Earth system processes contribute in the modification of the landscape and its designing. Each and every landscape is the template and imprint of a particular geomorphic process where human adjustment is quite common and associated changes in geo-anthropogenic processes interrupts system processes and invite new equilibrium state in the landscape. Rugged and steep landscapes in the mountain environment tend to limit human development due to having greater chance for landslide, coastal and riverine plain landscapes characterized by regular flooding and thereby nurture flood plain and riparian wetland habitats which is crucial to the world's ecosystem scenario. Such well arranged geomorphic catena devised by nature possesses both some benefits and burdens and people should adjust with geomorphic limits and opportunities instead of much alteration. Naturally, alteration of geomorphic processes and its consequences are strongly tied with throngs of factors like geology, climate, tectonic disturbances, human being etc. Biological influences, especially human actions in turn directly affect landscape forming processes and introducing steer landscape change. Human is considered today a forceful agent of interrupting earth system dynamics and changing geomorphic system components regularly. Construction of dam and barrage over river for taming the flow has resulted interruptions in longitudinal hydro-ecological connectivity of a river and sensitive pulse of the flood plain process-form and involved ecosystem. Strong deforestation in the Mangrove forest region of coastal region invited destructive storm in the interior of the continent influencing changes in estuarine process and living system. Construction of hanging tourism industries and infrastructures wiping out forest in the steep mountain increased the frequency of landslide, landslide risk and risk of flash flood loss as experienced in Utrakhand, Himachal Pradesh in Recent decade. Unscientific sand mining, embanking river etc. welcome unnecessary turbulence in river system accelerating rapid flood, sand splay events in the plain land sterilizing fertile productive land for a good many years. Wetland morphology is also rapidly changed in last fifty years in spite of having its immense efficacy for producing immeasurable goods and services for life support. So, the earth system processes and interruptions are to be understood with proper knowledge and scientific method by the common people to promote self-regulatory mechanism in every geomorphic system environment and where will exists the actual relevance of organizing 3rd International Seminar at the Department of Geography, University of Gour Banga.

Sub-themes of the Seminar:

It is high time for re-thinking these ensuing issues and challenges and finding out reliable solution for sustaining natural process and living system. So, dear scholars, teachers and

academicians you are cordially invited in this seminar platform for addressing and sharing your research findings on the following **sub-themes**:

- (1) Mountain Slope and Geo-anthropogenic Processes
 - (2) Modifications in Fluvial System Processes and Flood Plain Environment
 - (3) Fluvial Processes and Landform Dynamics
 - (4) Episodic Geomorphic Incidences and Associated Changes
 - (5) Geomorphic Changes and Human adjustment
 - (6) Climatic Interruptions and Challenges
 - (7) Ground Water Degradations and Possible Consequences
 - (8) Geo-anthropogenic Interventions and Ecological Foot Print
 - (9) Application of GIS and Remote Sensing in Process Studies
 - (10) Application of GIS and Remote Sensing on Geomorphic Hazards and River Management
- Geographers and scholars are requested to contribute scientific paper/article corresponding to the focal theme and sub-themes of the 3rd International Seminar which is not published elsewhere.



Abstract and Full Paper Submission:

All the interested participants are requested to send an abstract on any of the sub-themes of the seminar to the email: geography.ugb@gmail.com on or before **30.03.2017** along with filled in registration form and beyond this date no abstract will be entertained.

Abstract should not be more than 300 words neatly typed in MS Word format in 12 font. Abstract for both **poster presentation** and **oral presentation** will be accepted. Only **60 abstracts** for **oral presentation** are to be considered on the basis of its quality which is to be judged by the Organizing Committee of the 3rd International Seminar. It is to inform to all of the presenters that three best papers are to be selected for initial review from each technical session and all these papers will be processed for publication in the edited volume with **ISBN** within the month of December, 2017 through reputed International Publishing House. Detail guidelines regarding preparation of paper are to be sent to the email of the presenters whose papers would be accepted for publication and it also would be available in our University website (www.ugb.ac.in) in due course of time.

General Information:

- On both the seminar days, lunch, refreshment and high tea will be provided to the participants.
- No TA/DA & other allowances will be provided to the participants for attending the seminar.
- The seminar organizing committee will provide accommodation to the outstation participants. Participants are requested to mention it in the registration form.
- In case of seminar presentation made by joint authors, each of them should get registered separately.

For further details please feel free to contact in the following address:

- Professor Suit Mandal, e-mail: mandalsujit2009@gmail.com/ **Mobile: 9476110460**
- Dr. Swades Pal, e-mail: swadeshpal82@gmail.com/ **Mobile: 9126937888**

How to reach Malda and University of Gour Banga:

Malda is a district town located at the heart of West Bengal and is well connected to the entire India through rail and bus services. The nearest rail station is Malda Town (IRCTC code: MLDT) and N.H. 34 connects it to the northern and southern parts of Bengal. By road Malda is 326 km. away from Kolkata and 253 km. away from Siliguri. The University is situated on N.H. 34 near Rabindra Bhavan. The central bus stand is adjacent to the University Campus. City buses, auto/toto rickshaw and rickshaws on solo and sharing basis are available at reasonable rates throughout the day from the railway station.

University of Gour Banga:

The University of Gour Banga was established through the West Bengal Act XXVI of 2007 at Malda one of the most backward region of West Bengal in 2008. It is 347 km. north of Kolkata well connected through both rail and road ways. The university started its journey with a firm vision to enkindle the ever effulgent light of knowledge and research intent of the students of under privileged class and communities so that they can achieve high academic standing and redeem their innate potential. At present there are twenty one academic departments in the Gour Banga University Campus and each department is determined to pay back something significant to the society by means of rendering a centre for its faculties who will embody the spirit of excellence in teaching, research, creative activities and community engagement. All the PG departments are running with Ph.D. courses of studies. The University of Gour Banga is growing and changing fast keeping pace with the present Higher Education scenario of Government of West Bengal. In view of the Department of Geography, it started journey since 2012 and during this span four academic sessions are going to be completed by 2017. Department possesses well equipped class rooms, RS GIS laboratory, Soil and Environment laboratory, smart class room, well structured research laboratory and seminar library. This Department is running with Ph.D. and M.Phil. programme since 2014. Department regularly use to organize Special Lectures, Memorial Lectures, Studen's Seminar, National and International Seminars in each academic session.

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Department of Geography
UNIVERSITY OF GOUR BANGA
MALDA, WEST BENGAL,
INDIA-732103

VENUE:

Department of Geography
UNIVERSITY OF GOUR BANGA
MALDA, WEST BENGAL,
INDIA- 732 103

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