

# 29<sup>TH</sup> NORTH EAST INDIA GEOGRAPHICAL SOCIETY (NEIGS) BIENNIAL CONFERENCE

CUM

## INTERNATIONAL GEOGRAPHICAL UNION COMMISSION SEMINAR

DATE: 08 - 10 FEBRUARY, 2018

### FOCAL THEME: ENVIRONMENT AND SUSTAINABLE LIVELIHOOD

For details visit [www.iguguwahati2018.org](http://www.iguguwahati2018.org) (will be published shortly)

**ORGANIZING COMMITTEE**  
**President:** Dr. Sanyal Naiti Bannan, Principal, B. Borooah College  
**Vice-Presidents:** Prof. R.B. Singh, University of Delhi; Prof. Anup Bishoi, Gauhati University  
**Joint Convener:** Dr. Nijendra Ram Kalita, Dr. Dhruj Deka  
**Treasurer:** Dr. Chandrabala Neagar  
**Organizing Secretaries:** Dr. Anjali Prasad, Dr. Rajni Hazarika, Dr. Madhusudan Das, Dr. Dignita Choudhury  
**Members:** Dr. Abhil C. Das, Dr. Sarojan Boddoli, Sri Binod Kumar Kalita, Dr. Anjana Bhattacharya, Dr. Manoj Kumar Borah, Dr. Bijoy Sarathi Goswami, Sri Manoj Das, Dr. Tapati B. Bhuyan, Dr. Pradip Sharma, Dr. Neelam Chetri, Dr. Baranil Gogoi, Dr. Dhruvraj Sahasrab, Dr. L. Ghosh, Dr. Rima Patowary, Dr. Smiti Deka, Mr. Jyoti Prasad Das, Dr. Monalisha Nath, Sri Binai Lakshmi, Sri Parag Sahasrab

**INTERNATIONAL SCIENTIFIC ADVISORY COMMITTEE OF THE SEMINAR**  
 Harsh Gupta (India), Ex-IGU President and Chair-IGU/IGU National Committee R.B. Singh (India), Vice President, IGU  
 Rosenblatt Galina, Chairman, IGU Urban Commission  
 Peter McCraith (Italy), Coordinator-AMP  
 Yuko Himeyama (Japan), President, IGU  
 Vladimir Kobosov (Russia), Past President, IGU  
 Ronald F. Adler (USA), Past President, IGU  
 D. Soyev (Germany), Ex-Vice President IGU  
 Michael Meadows (South Africa), Secretary General, IGU  
 G. Balazsova (Italy), Ex-Vice President IGU  
 Jozsef Drogobovics (Hungary), Nationalist and Vice President IGU  
 Elena dell'Anese (Italy), Vice President IGU  
 Yan (Australia), Vice President, IGU  
 Zhou Chengyu (China), Vice President, IGU  
 Barbara Gonogoni (Turkey), Vice President, IGU  
 Nathalie Lemaire (France), Vice President, IGU  
 Remy Tremblay (Canada), Vice President, IGU  
 S. Hengstler (Japan), Chair IGU Commission on Hazard and Risk  
 Matez Gabrovac (Slovenia), Chair IGU Commission on LULU Change  
 Suresh M (India), Chair IGU Commission on Geography and Biodiversity  
 D. Wei (China), Chair IGU Commission on Geo-Heritage  
 Jerry Banks (Poland), Chair IGU Commission on Local Development  
 K. Takano (Japan), Kyoto University  
 Xiangzheng Deng (China), Chinese Academy of Sciences  
 K. Kinoto (Japan), Hiroshima-Jogakuni University  
 B. Mahapatra (South Africa), IGU National Committee  
 E. Rusdadi (Indonesia), Member IGU Commission on LULU  
 N. Nagabhushanam (India), Member IGU International Committee  
 Victor Savage (Singapore), National University of Singapore  
 Shourav Sen Roy (USA), University of Miami  
 R. Hietala (Finland), University of Turku  
 Kazuo Tomozawa (Japan), Hiroshima University  
 Svetlana M. Malakhova (Russia), Moscow State University  
 M. Kurova (Russia), Moscow State University  
 Aashish Khuldar (USA), Utah Major Group for Children and Youth

**NATIONAL ADVISORY COMMITTEE OF THE SEMINAR**  
 Dr. R.P. Mishra, Former Vice-Chancellor, Univ. of Allahabad, Allahabad  
 Dr. P.S. Tiwari, Former Professor, University of Madras, Chennai  
 Dr. K. D. Das, Former Professor, Sambalpur State University, Bhubaneswar  
 Dr. N. B. Singh, Former Professor, University of Delhi, Delhi  
 Dr. S. Sinha, Former Professor, Gauhati University, Haldibari  
 Dr. Balakrishna Thakur, Former Professor, University of Delhi, Delhi  
 Dr. M.H. Qureshi, Former Professor, Jawahar Lal Nehru University, Delhi  
 Dr. S.K. Agrawal, Former Professor, University of Delhi, Delhi  
 Dr. N. Nagabhushanam, Former Professor, S.V. University, Tirupati

Dr. B. Hemalalini, Professor Emeritus, Andhra Univ., Vishakhapatnam  
 Dr. M. Sambasiva Rao, Professor, S.K. University, Anaparthi  
 Dr. H.N. Mahira, Professor, University of Allahabad, Allahabad  
 Dr. A.S. Jha, Professor, Professor, Mumukshu Bhawan Varanasi  
 Dr. A.S. Rayamane, Professor, Bengaluru University, Bengaluru  
 Dr. K. Kumaraswamy, Professor, Bharathidasar Univ., Tiruchirappalli  
 Dr. Nishamam Kar, Professor, R.G. Central University, Aturachal Pradesh  
 Dr. A. Balakrishnan, Professor, Orissa University, Hyderabad  
 Dr. N. C. Ravindran, Professor, P.G. University, Arunachal Pradesh  
 Dr. B. C. Jait, Associate Professor, University of Rajasthan, Rajasthan  
 Dr. Srinagsh, Professor, Orissa University, Hyderabad  
 Dr. V. S. Nagras, Professor, S.N.T. Women University, Pune

**LOCAL ADVISORY COMMITTEE**  
 Prof. H.N. Sharma, Ex-Professor, Dept of Geography, Gauhati University  
 Prof. Hari Prasad Sarma, Rector, Gauhati University  
 Prof. N. Nayak, North Eastern Hill University, Shillong  
 Prof. A.K. Bhagabati, Department of Geography, Gauhati University  
 Prof. A.K. Bor, Department of Geography, Gauhati University  
 Prof. B.K. Kar, Department of Geography, Gauhati University  
 Prof. P.D. Dhar, Department of Geography, Gauhati University  
 Dr. B.C. Kalita, Ex-Head, Department of Geography, Cotton College  
 Dr. Mahzuz Rahman, Ex-Head, Dept. of Geography, Cotton College  
 Dr. Md. Afir, Joint Secretary, UGC, NER  
 Dr. Bibhab Talukdar, Director, AARANYAK  
 Sri Anup Tiewry, Commissioner, Higher Education Dept., Govt. of Assam  
 Sri Babulal Misra, Director, Higher Education Dept., Govt. of Assam  
 P.L.N. Raut, Director, North Eastern Space Application Centre, Shillong  
 Dr. Anup Kr. Mitra, Director, ASTEC, Guwahati  
 Dr. Das, Director, Geology & Mining, Govt. of Assam  
 W.R. Reddy, Director, National Institute of Rural Development, Guwahati

**NORTH EAST INDIA GEOGRAPHICAL SOCIETY EXECUTIVE COMMITTEE, 2018-2019**  
**President:** Prof. Aashish Khuldar, Gauhati University  
**Vice Presidents:** Dr. B.C. Kalita, Cotton College, Guwahati  
**General Secretary:** Dr. Jyotish Das, Gauhati College  
**Assistant Secretary:** Mr. Ujjal Deba Baran, Gauhati University  
**Treasurer:** Dr. Nityananda Deka, Gauhati University  
**Editor (Bhogeigali):** Dr. Binai Barmah, Bajal College  
**Editor (North Eastern Geographer):** Dr. Saral Talukdar, Bajal College

**EXCUSE MEMBERS:**  
 1. Prof. A.K. Bor, Gauhati University  
 2. Prof. B.K. Kar, Gauhati University  
 3. Prof. Anup Bishoi, Gauhati University  
 4. Sisirakishan Sharma, Gauhati University  
 5. Dr. Narayan Sarkis (Ret.), Cotton College  
 6. Dr. Jayvanta Borah (Ret.), Cotton College  
 7. Dr. Narayan Chetry, Cotton College  
 8. Sriditya Nath Sharma, Gauhati College  
 9. Dr. Prasanta Bhattacharya, Gauhati University  
 10. Dhruvraj Sahasrab, Gauhati University  
 11. Dr. Rana Sarma, Panaji College  
 12. Dr. Karak Haldar, Director, NIRD, Guwahati  
 13. Dr. Mahzuz Rahman, Cotton College  
 14. Dr. Supriya Sarkar, Arya Vidyaapeeth College  
 15. Dr. S.K. Agrawal, Gauhati University  
 16. Dr. Geeta Devi, M. C. College

29<sup>th</sup> BIENNIAL CONFERENCE OF NORTH EAST INDIA GEOGRAPHICAL SOCIETY (NEIGS) CUM  
 INTERNATIONAL GEOGRAPHICAL UNION (IGU) COMMISSION SEMINAR ON  
**ENVIRONMENT AND SUSTAINABLE LIVELIHOOD**  
 Commission on Biogeography and Biodiversity  
 Commission on Geo-Heritage  
 FEBRUARY 8-10, 2018  
 Guwahati, Assam, India

29<sup>th</sup> BIENNIAL CONFERENCE OF NORTH EAST INDIA GEOGRAPHICAL SOCIETY (NEIGS) CUM  
 XI INTERNATIONAL GEOGRAPHICAL UNION (IGU) COMMISSION SEMINAR ON  
**ENVIRONMENT AND SUSTAINABLE LIVELIHOOD**  
 FEBRUARY 8-10, 2018  
 FIRST CIRCULAR

Commission on Biogeography and Biodiversity  
 Commission on Geo-Heritage

Organized by  
 DEPARTMENT OF GEOGRAPHY  
 B. BOROAH COLLEGE  
 GUWAHATI-781007, ASSAM, INDIA  
 www.iguguwahati2018.org

**ANNIVATION**  
 The 29th North East India Geographical Society (NEIGS) Biennial Conference cum XI International Geographical Union (IGU) Commission Seminar is going to be organized at B. Borooah College, Guwahati. It will be hosted by the Department of Geography, Gauhati University, Guwahati, Assam, India, on 08-10 February 2018. The major IGU commissions collaborating in the upcoming event are Commission on Biogeography and Biodiversity and Commission on Geo-Heritage. The IGU was formally established in Brussels in 1922. However, the history of international meetings of geographers is much longer. The first of a series of congress met in 1871 in Antwerp. The purpose of the IGU are primarily to promote Geography through initiating and coordinating geographical research and teaching in all countries of the world. It seeks to conduct through the instruments of a National Committee, Commissions and Task Forces. The IGU holds the International Geographical Congress every four years and also promotes regional conferences and other meetings that further the objectives of the Union. The IGU also facilitates the participation of geographers in the global community of scientists through its formal affiliation as a Member Union with both the International Council for Science (ICSU) and the International Social Science Council (ISSC).

**ABOUT NEIGS**  
 The North East India Geographical Society abbreviated as NEIGS was born in 1968 as the pioneering academic organization of a single subject in the whole of N.E. India with its headquarters in the Department of Geography, Gauhati University. The major activities of the society are promoting better standard of teaching Geography in Schools, Colleges and Universities; fostering research in Geography; disseminating Geographic information, knowledge and new thoughts and also offering suggestions to the Govt. with regard to socio-economic planning and development of the state of N.E. India. Apart from publishing the Research Journal 'North Eastern Geographer' and a popular magazine in Assamese, 'Bhogeigali', the Society is actively engaged in conducting extension lectures programmes in different schools and colleges of the state. The society also holds the Annual Academic Session with a seminar and a General Conference (Borooah).

**THE FACILITY**  
 Gauhati, known as Pragjyotishpur in ancient Assam is the largest city of Assam and North East India. Nicknamed as the Gateway to North Eastern India, the city is situated on the South Bank of Brahmaputra River. Guwahati is situated with many famous temples including the Kamalaya and giving it the name 'The Land of Temples'. Guwahati is one among 18 Indian cities which will be upgraded to Smart Cities under a project embedded on by Ministry of Urban Development, Government of India. Besides the temples one other important attraction of Guwahati are Santabarina Mallikhatra, Assam State Museum, State Zoo, Gauhati Panzerhaus, Bihorekora River bank and the silk town Saalubari which is located within 25 km from city centre. Located at an altitude of about 160 m above sea level, Guwahati enjoys a pleasant weather in February. By the end of February, mercury ranges from 15°C to 25°C. Guwahati is well connected to all the major modes of transport as rail and road. The Lokpriya Gopinath Bordoloi International Airport at Borjhar, is about 28km from the city centre and all the major cities of India are directly connected to it. The Guwahati Railway Station in Pallan Bora is the terminus of the all the trains coming from major cities of the country. NH 31 connects Guwahati with cities of Bihar, Jharkhand and West

Bengal. The distance between Guwahati and Kolkata is 1151 km between Guwahati and Guwahati is 62 km. The Inter State Bus Terminus (ISBT) located in the city provides connectivity with other regions and towns of the Northeast region by service.

**ABOUT THE CONFERENCE**  
 The International Geographical Union (IGU) is an international, non-governmental, professional organization devoted to the development of Geography. The IGU was formally established in Brussels in 1922. However, the history of international meetings of geographers is much longer. The first of a series of congress met in 1871 in Antwerp. The purpose of the IGU are primarily to promote Geography through initiating and coordinating geographical research and teaching in all countries of the world. It seeks to conduct through the instruments of a National Committee, Commissions and Task Forces. The IGU holds the International Geographical Congress every four years and also promotes regional conferences and other meetings that further the objectives of the Union. The IGU also facilitates the participation of geographers in the global community of scientists through its formal affiliation as a Member Union with both the International Council for Science (ICSU) and the International Social Science Council (ISSC).

**ABOUT NEIGS**  
 The North East India Geographical Society abbreviated as NEIGS was born in 1968 as the pioneering academic organization of a single subject in the whole of N.E. India with its headquarters in the Department of Geography, Gauhati University. The major activities of the society are promoting better standard of teaching Geography in Schools, Colleges and Universities; fostering research in Geography; disseminating Geographic information, knowledge and new thoughts and also offering suggestions to the Govt. with regard to socio-economic planning and development of the state of N.E. India. Apart from publishing the Research Journal 'North Eastern Geographer' and a popular magazine in Assamese, 'Bhogeigali', the Society is actively engaged in conducting extension lectures programmes in different schools and colleges of the state. The society also holds the Annual Academic Session with a seminar and a General Conference (Borooah).

**THE FACILITY**  
 Gauhati, known as Pragjyotishpur in ancient Assam is the largest city of Assam and North East India. Nicknamed as the Gateway to North Eastern India, the city is situated on the South Bank of Brahmaputra River. Guwahati is situated with many famous temples including the Kamalaya and giving it the name 'The Land of Temples'. Guwahati is one among 18 Indian cities which will be upgraded to Smart Cities under a project embedded on by Ministry of Urban Development, Government of India. Besides the temples one other important attraction of Guwahati are Santabarina Mallikhatra, Assam State Museum, State Zoo, Gauhati Panzerhaus, Bihorekora River bank and the silk town Saalubari which is located within 25 km from city centre. Located at an altitude of about 160 m above sea level, Guwahati enjoys a pleasant weather in February. By the end of February, mercury ranges from 15°C to 25°C. Guwahati is well connected to all the major modes of transport as rail and road. The Lokpriya Gopinath Bordoloi International Airport at Borjhar, is about 28km from the city centre and all the major cities of India are directly connected to it. The Guwahati Railway Station in Pallan Bora is the terminus of the all the trains coming from major cities of the country. NH 31 connects Guwahati with cities of Bihar, Jharkhand and West

5. Sustainable Development: Governance, Policies and Conflicts  
 6. Globalization, Industrialization and Environment  
 7. Urbanization and Environment  
 8. Agricultural development and biotechnology  
 9. Agriculture, Modernization and Environment  
 10. Population, Development, Ethnic Conflicts in India's North East  
 12. Environmental Changes and Challenges: Role of RS and GIS  
 13. Role of RS and GIS in water monitoring  
 14. Development, Geopolitics and conflict resolution  
 15. Issues of gender, health and inequalities  
 16. Environment, Tourism and sustainable development  
 17. Changing human values and Environment  
 18. Integrated River Basin management  
 19. Deforestation and Man Animal Conflicts  
 20. Pollution and Environment  
 21. Mining, Development and Sustainability

**CALL FOR PAPER**  
 The organizers invite research papers and posters from all interested academicians and researchers at the XI IGU Seminar on Environment and Sustainable Livelihood. These shall be oral presentations as well as poster presentations in the seminar. Participants intending to present papers are requested to send the abstracts (not exceeding 300 words) to the Joint Convener, starting from 1st August up to 31st October, 2017. Indication about acceptance of paper will be made on or before 15th November, 2017. On confirmation about acceptance of paper the participants must register themselves within the deadline of 15th December, 2017. Only the Abstracts of the registered participants will be included in the Abstract Volume. The full paper (soft copy) should reach the Joint Convener latest by 31st December, 2017.

**KEYWORDS/ABSTRACT**  
 • Abstract must be written in English and in MS Word.  
 • Title: A brief title preferably within 15 words. **Author(s):** The family name(s) should be typed in capital letters and the first and middle name with first letter cap.  
 • Key words: 4 to 5 key words  
 • Text: Normal, Times New Roman & Font size 12. The abstract must clearly indicate the problem, methodology, and findings of the work within 300 words.

**OTHER INFORMATION**  
 • Full paper with original figures, one hard copy (in MS word doc. file, 12 point Times New Roman) should reach the Joint Convener latest by 31st December, 2017.  
 • No abstract will be accepted after 31st October, 2017.

**MODE OF PAYMENT/REGISTRATION FEE**  
 Registration Fee can be paid through online Bank transfer through RTGS/NEFT/Net Banking or Bank Draft. Bank Draft should be drawn in favour of 'IGU GUWAHATI 2018' payable at Guwahati. Bank transfer should be made to the account of 'BANK OF BARODA, G.S. ROAD' branch in the account of 'IGU GUWAHATI 2018', vide Account No. 31380100004377 (IFSC Code: BARB0R0018). The last date of payment of early bird registration fee is 31st November, 2017. However the scan copy of demand draft/bank transfer received of early and late registration fee has to be sent to the official E-mail of the convener on or before 15th Dec, 2017 and hard copy of the same must be sent to the below mentioned address on or before 20th Dec, 2017.

**REGISTRATION DETAILS**

Delegates	On or before 31st November, 2017 (Early Bird)	After 31st November, 2017 (Late)
Indian Delegates	INR 3000	INR 4000
Research Scholar	INR 1500	INR 2000
Accompanying Person	INR 2500	INR 3000
International Delegates	USD 250	USD 275
Institutional/Corporate Delegates	INR 5000	INR 6000

**NOTE:** The Registration form will be updated in the Conference website and College official website in due course.  
 No registration will be entertained after 15th December 2017. However, spot registration will be available only for the participants without paper and without accommodation on the days of the Seminar (8-10 February 2018) on payment of a registration fee of Rs. 1500.  
 The registration fee for regular delegates and Research scholars includes participation, Seminar kits, Abstract volume, and lunch & tea during the seminar. Accompanying person registration includes participation and lunch & tea during the seminar.  
 Research Scholar's registration is applicable to M. Phil. and Ph.D. scholars. A copy of an institutional ID, as a proof of being a bona fide research scholar, is required to avail the research scholar's registration facility.  
**ACCOMMODATION**  
 Institutional will be provided to the delegates (on Advance Payment basis) in places available to the Organizing Committee ranging from various institutional guesthouses to Deluxe hotels. Those requiring accommodations may write to the Joint Convener of the Congress in advance. Since accommodation is limited, the principle of first come first served will be followed.  
**NOTE:** The details about the sending of abstracts, registration, full paper submission, field visit, accommodation and transportation etc. will be updated subsequently in the seminar website. Until the Seminar website is launched, the College official website ([www.borooahcollege.co.in](http://www.borooahcollege.co.in)) can be visited for any information regarding the seminar.

**ABSTRACT DETAILS**

Conference Date	8th to 10th February, 2018
Abstract Submission:	1st August to 31st October, 2017
Confirmation of Acceptance:	15th November, 2017
Payment of Registration Fee:	15th November - 31st November, 2017 (Early Bird) 31st December, 2017

Full paper submission:  
 Field visit: (Charges Extra) Kaziranga National Park (World known for one horned rhinoceros), Manas National Park (Tiger Reserve), Shillong-Cherrapunji (Western Face of the Earth), Khasi/Jaintia/Assam class village, Pobitora Wildlife Sanctuary, Saalubari (Manchester of Assam)  
 NB: The details of the field visit will be updated in the seminar website.

**CONTACT AND MAILING DETAILS**  
 Dr. Dhruvraj Sahasrab, Dr. Nijendra Ram Kalita  
 Joint Convener, NEIGS Conference cum XI IGU Commission Seminar  
 Department of Geography, B. Borooah College  
 Guwahati - 781007, Assam, India  
 Mobile Nos. +919866070811, +919635551417, +919684720033  
 Email: [iguguwahati2018@gmail.com](mailto:iguguwahati2018@gmail.com), [dhruvraj.86@gmail.com](mailto:dhruvraj.86@gmail.com)