

**\*Registration Fee**

Delegate	Conference Fee
Indian Teachers	₹ 3000/-
Scholars	₹ 2000/-
Foreign	\$ 250
SAARC Nations	\$ 125

\*Registration fee once paid will not be returned back under any circumstances.

The DD should be made in favor of the "ORGANIZING SECRETARY, XII IGU International Conference", (Payable Panchkula) and sent to the Organizing Secretary, Department of Geography, Government P.G. College, Sector-1, Panchkula (Haryana) INDIA-134109.

**Conference Organization:**

**Patron** : **Dr. Archana Mishra**  
Principal, Govt. P.G. College, Panchkula (Hry.)

**Organizing Secretary** : **Dr. Rohtas Godara**

**Organizing Committee:**

**Dr. Rajiv Chaudhary**      **Mrs. Rita**  
**Dr. Ravinder Kumar**    **Mr. Subhash**  
**Dr. Veena**                    **Dr. Renuka Dhyani**

**E-Mail : igu2019pkl@gmail.com**

**Mobile No. : +91 9915775776**

**INTERNATIONAL SCIENTIFIC  
ADVISORY COMMITTEE OF THE CONFERENCE**

**Harsh Gupta (India)**                    EX IUGG President and Chair-IUGG-IGU National Committee

**R.B. Singh (India)**                      Vice President, IGU  
**Peter McGrath (Italy)**                  Coordinator-IAP, IAMP  
**Yukio Himiyama (Japan)**              President, IGU  
**Vladimir Kolossov (Russia)**        Ex-President, IGU  
**Ronald F. Abler (USA)**                Past President, IGU  
**D. Soyez (Germany)**                  First Vice President IGU  
**Michael Meadows (South Africa)**    Secretary General, IGU  
**G. Bellezza (Italy)**                    Ex-Vice President IGU  
**Joos Droogleever Fortuijn (Netherlands)** Vice President IGU

**Elena dell'Agnes (Italy)**              Vice President IGU  
**Iain Hay (Australia)**                  Vice President, IGU  
**Barbaros Gonencgil (Turkey)**        Vice President, IGU  
**Zhou Chenghu (China)**              Vice President, IGU  
**Nathalie Lemarchand (France)**      Vice President, IGU  
**Remy Tremblay (Canada)**          Vice President, IGU  
**Matez Gabrovec (Slovenia)**        Chair IGU Commission on LULC Change  
**Suraj Mal (India)**                      Chari, IGU Commission on Biogeography and Biodiversity

**S. Haruyama (Japan)**                    Chair IGU Commission on Hazard and Risk  
**D. Wei (China)**                        Chair, IGU Commission on Geoparks  
**M. Sofer (Israel)**                        Chair IGU Commission on Local Development  
Kyoto University  
Chinese Academy of Sciences  
**K. Takara (Japan)**                      Hiroshima-Jogakuin University  
**Xiangzheng Deng (China)**            IGU National Committee  
**K. Kimoto (Japan)**                      Member IGU Commission on LUCC  
**B. Maharaj (South Africa)**            Member IUGG-IGU Joint National Committee  
**E. Rustiadi (Indonesia)**              National University of Singapore  
**N. Nagabhushanam (India)**          University of Miami  
University of Turku  
**Victor Savage (Singapore)**          Hiroshima University  
**Shouraseni Sen Roy (USA)**          Moscow State University  
**R. Hietala (Finland)**                  Moscow State University  
**Kazuo Tomozawa (Japan)**            UN Major Group for Children and Youth  
**Svetlana M. Malkhazova (Russia)**    President, Urban Commission IGU  
**E. Milanova (Russia)**

**Aashish Khullar (USA)**                UN Major Group for Children and Youth  
**Rozenblat Celine**                      President, Urban Commission IGU

**National Advisory Committee  
of the Conference:**

**Dr. R.P. Mishra**                          Former Vice-Chancellor, University of Allahabad,

**Dr. P.S. Tiwari**                          Former Professor, University of Madras, Chennai  
**Dr. K.R. Dixit**                          Former Professor, Savitribai Phule Pune University, Pune  
**Dr. D.N. Singh**                        Former Professor, University of Delhi, Delhi  
**Dr. S. Simahdri**                        Former Professor, Osmania University, Hyderabad  
**Dr. Baleshwar Thakur**                Former Professor, University of Delhi, Delhi  
**Dr. M.H. Qureshi**                      Former Professor, Jawahar LalNehru University, De  
**Dr. S.K Agarwal**                      Former Professor, University of Delhi, Dellhihi  
**Dr. B. Sri Nagesh**                    Professor, Osmania University, Hyderabad  
**Dr. B. HemaMalini**                    Professor Emeritus, Andhra University, Vishakapatnam  
**Dr. M. Sambasiva Rao**              Professor & Head, S.K.D University, Anantapur  
**Dr. H.N.Mishra**                        Professor, University of Allahabad,Allahabad  
**Dr. Jaganathan**                        Professor and Head, Madras University  
**Dr. A.S. Rayamane**                  Professor, Bengaluru University, Bengaluru  
**Dr. K. Kumaraswamy**                Professor, Bharathidasan University, Tiruchirappalli  
**Dr. Nishamani Kar**                  Professor, Rajiv Gandhi Central University, Arunachal Pradesh

**Dr. Nandini C. Singh**                Professor, Rajiv Gandhi Central University, Arunachal Pradesh

**Dr. Aravind Mulimani**                Professor, Karnatak University, Dharwad  
**Dr. B. C. Vaidya**                      Professor, JNU New Delhi  
**Dr. Anupama Dubey Mohanty**      Asst. Prof. IPE, Hyderabad.  
**Dr. N.C. Rayudu**                      Associate Professor, Sri Venkateshwara University, Tirupati

**Dr. B.C. Jat**                            Associate Professor, University of Rajasthan, Rajasthan  
**Dr. Yadvinder Singh**                Professor & Head, Punjabi University, Patiala

**Local Advisory Committee**

**Dr. Hemant Verma**                    Deputy Director, Dept. of Higher Education, Haryana  
**Dr. Pawan Sharma**                  Senior Researcher Population Research Centre CRRID, Chd



**First Circular**  
**XII International Geographical  
Union, Conference  
on  
CLIMATE CHANGE  
NATURAL DISASTERS  
AND  
SUSTAINABLE  
DEVELOPMENT**

**February, 21<sup>st</sup>-23<sup>rd</sup>, 2019**

**Commission on Biogeography and Biodiversity  
Commission on Geo-Heritage**



**Organized by**  
**Department of Geography**  
**Govt. P. G. College, Sector 1, Panchkula**  
**igu2019pkl@gmail.com**

### About Conference

Climate change is a natural phenomenon and the earth's climate has changed throughout the history. Prior to the abrupt end of last ice age our planet earth has gone through seven cycles of glacial advances and retreats thereby marking the dawn of the modern climate epoch. Majority of these climate changes are attributed to slight variations in earth's orbit that change the incoming amount of solar energy. But the present warming trend holds significance as it is induced by anthropogenic activities ever since the advent of industrial revolution and is presently proceeding at a rate that is unprecedented over decades. As a result the planets average surface temperature has increased by 1.1 Degree Celsius since the late 19th century, a change primarily driven by enhanced Carbon Dioxide and other anthropogenic emissions into the atmosphere. As per the IPCC most of the warming occurred in the last 35 years with 2016 being the warmest year on record. The glaciers are retreating almost everywhere around the world and the sea level has risen by 8 inches in the last century. Climate change impacts are prominently visible with increasing severity in the form of natural disasters like floods in Asia and Europe and hurricanes in USA. These global environmental challenges are the main factors controlling human-wellbeing and security and stability of the future generations. Therefore there is pressing need for attention to climate related disasters for mobilizing broader climate action. This can only be realized by switching to path of low carbon emission, green and sustainable growth, improving disaster resilience and judicious use of natural resources. Developments can only become sustainable when the governments and local communities combine natural disasters prevention and controlling climate change into national growth strategies. The endeavour of the seminar is to disseminate knowledge and share expertise and experiences in climate change, natural disasters and sustainable development issues and challenges. It also strives to build linkage between national and international professionals from diverse fields.

The IGU Seminar aims to contribute towards various global initiatives like ICSU Initiatives on Health and Wellbeing in the Changing Urban Environment: a Systems Analysis Approach, UN Disaster Risk Reduction, Making City Resilient, HABITAT III and Future Earth Initiatives.

### Areas of interests include (but are not limited to):

Earth and Climate Change issues.  
Natural Resources and Environmental issues.  
Natural Disasters and Disaster Management  
Land use / Land cover Changes and Environment  
Globalization, Industrialization and Environmental issues.  
Climate Change and Biodiversity Conservation  
Disaster Risk Reduction  
Environment and Health.  
Disaster Resilience  
Development and Sustainability  
Environment and Health  
Population Pressure, Natural Resource Use and Climate Change  
Urbanization and Environmental Issues  
Urban and Regional Planning  
Water Resource Management  
Coastal and Marine Issues  
Development and Geopolitics  
Sustainable Development Goals and Policies  
Agricultural Development, Forestry and Biotechnology  
Role of GIS Technology

### Special Discussion Sessions

Sustainable Development Goals in South- Asia  
Disaster Risk Reduction and Resilience  
Urban Health and Well being in changing urban environment  
Making City Resilient  
Future Earth Initiative

### CALL FOR PAPERS

Authors are requested to submit their original research contribution in the form of an abstract (not exceeding 300 words with 5 key words), 1.5 spaced, justified on both sides and carry the author's name designation, affiliation, email id and key words and should be sent by 31st December, 2019. Author(s) will be informed by email about the acceptance of their abstracts by Jan, 15th 2019. The abstracts should be submitted to the following e-mail: igu2019pkl@gmail.com

The accepted papers will be published as full text in the conference proceedings. The full paper should have an introduction, objectives, hypothesis, study area, methodology, numbered side headings, findings, conclusions, references and may be sent by email to the Organizing Secretary on or before January, 15th 2019.

### ABOUT PANCHKULA

Panchkula is a planned satellite city of the Union Territory of Chandigarh located in the picturesque foothills of the Shivalik. The only Hill station in Haryana called Morni is also in this District. The origin of the name Panchkula is based on the five irrigation canals (or kuls as they were called, making it Panch Kul of five canals) that take water from the Ghaggar in the uphill section and distribute it from Nada Sahib to Mansa Devi. Panchkula district has a subtropical continental monsoon climate where the seasons are, hot summer, cool winter, good monsoon rainfall.

### ABOUT COLLEGE

Established in 1983 government Post-Graduate College, Sector-1, Panchkula is an academic institution with a long tradition of excellence. Having fully developed infrastructure facilities, peer friendly environment and well qualified teaching staff, the college is keeping pace with modern technology and is taking rapid strides in all realms of development. The college has been selected to be a College of Excellence by the State Govt. of Haryana. In the long journey of its 33 years, the college has produced professionals, intellectuals, teachers, politicians, sportsmen of high repute. Apart from providing bachelor Degree courses and professional Degree Courses, the College also offers post-Graduate Degree courses in various streams. The institute regularly conducts seminars, workshops, training programmes, outreach workshops, sensitization and advocacy meetings.

### Important Deadlines

**Submission of Abstracts** : December, 31st, 2019  
**Intimation of Acceptance** : January, 15th, 2019  
**\*Registration** : January, 15th, 2019  
**Submission of Full Paper** : January, 20th, 2019  
**Conference Dates** : February, 21st-23rd, 2019

(\*If registration fee is not received by January, 15th, 2019, the paper is deemed to be rejected.)