



National Conference

on

Climate Change: Sustainable Agriculture & Environment

(17-18 March, 2018)

Patron

Prof. Tariq Mansoor
Vice-Chancellor
Aligarh Muslim University, Aligarh

Organised by

Department of Geography
Faculty of Science
Aligarh Muslim University, Aligarh



Prof. Ateeque Ahmad

Chairperson & Convenor

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Faculty of Science

Aligarh Muslim University,

Aligarh - 202002

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About the Conference

Climate change is one of the major global challenges of the 21st Century, and key priority of United Nation's Framework Convention on Climate Change (UNFCCC). Human impact on climate system is more explicit. The present alarming rate of emission of GHG is caused by developmental activities of man which is highest in the history. Continuous GHG emission in the recent past has pervasive and irreversible impact on people and ecosystem both. Scientists, researchers and academicians have fully realised that the present pace of rising global temperature is a serious matter of concern and needs to be mitigated to save the living planet. Climate plays a vital role in economic development of developing countries in general and India in particular because of its insular position. It has many reasons to be concerned about the climate change. Indian agriculture being a gamble of monsoon is very sensitive and vulnerable to climate change and variability. It faces the dual challenge of teeming more than a billion people in changing climate and economic scenario. The major manifestations are realised in the form of crop failure, low yields and adversely affected lives and livelihood of people.

Sustainable agricultural development means efficient production of safe, high quality agricultural products in a way that protects and improves the natural environment, the social and economic conditions of farmers, taking care of needs of current as well of future generations while conserving and managing the natural resources. Sustainable agricultural development, not only raises the serious ethical and social issues underlying these huge environmental problems, but also sustainable farming, sustainable management of water and land resources, and innovative process in livestock production and promoting sustainable agricultural development.

Almost all our gains in the field of science and technology, industries, agriculture and means of transportation and communication had so far been realised at the cost of our health and environment. Climate change is one of the complex problems facing mankind today which is attributed to the burning of fossil fuels, deforestation and agri-business activities emitting Green House Gases in to the atmosphere and threatening to the ecological balance.

We can very well notice the abnormal behaviour of the seasons - the cycle developing clogs in its wheels; and the worried experts fear that the disturbed balance in the biosphere has assumed such a serious proportion that very soon our world would be wiped out. But it is heartening to find the entire world is aware of menace. Some of the advanced countries have already taken some measures to meet it, though the developing countries are still hesitant in their approach to mitigate and adapt in accordance with climate change it. If we fail to maintain the ecological balance at the moment, it would be too late tomorrow.

The proposed theme addressing one of the burning issue of the globe, which is a centre of debate and discussions among the climatologists, earth scientists, geographers, geo-spatial researchers, social scientists, academicians, planners and administrators to find out plausible measures to mitigate and adapt in accordance with climate change and to orient the resilient path of development. These issues are to be initiated in a broader framework under the following sub-themes:

Sub-themes

- Climate Change: Agriculture, Livelihood & Food Security
- Climate Change - Population Displacement & Human Health
- Climate Change - Land & Water Resources
- Climate Change & Energy: Policies, Planning & Management
- Climate Change Adaptation & Sustainable Development
- Phenological Change & Ecology
- Agriculture and Sustainable Development
- Agricultural Marketing & Agri-business
- Agro-climatic Regions & Agro-ecological Zones
- Land use Transformation & Sustainable Development
- Environment and Sustainable Development
- E-waste and its impact on Environment
- Indoor and outdoor Environmental Pollutions
- Environmental Education and Programmes

- Environmental Impact Assessment
- Environmental Law and Policies
- GIS/Remote Sensing and Climate Change
- Geospatial Technologies and Sustainable Development

The Aligarh Muslim University

Aligarh Muslim University (AMU) is a premier central university, funded by the central Government of India. It was established by Sir Syed Ahmad Khan - a great visionary & social reformer as Madrasatul Uloom Musalmanan-e-Hind in 1875, which later became Mohammedan Anglo-Oriental College (MAO College). The Mohammedan Anglo-Oriental College became Aligarh Muslim University in 1920. The main campus of AMU is located in the city of Aligarh in Western Uttar Pradesh in North India. There are three fully functioning off-campus centers located in the cities of Malappuram (Kerala), Murshidabad (West Bengal) and Kishanganj (Bihar). The university campus occupies an area of over 468 hectares (1,155 acres). It has strength of 2,500 faculty members with around 30,000 students. A special feature of the University is its residential character with most of the staff and students residing in the campus. Aligarh Muslim University is a centre of attraction for students from all corners of India as well as foreign countries, especially Africa, West Asia and Southeast Asia. In some courses, seats are reserved for students from SAARC and Commonwealth Countries. AMU is truly representative of the country's multi-religious, multi-racial and multi-lingual character. In 2017, the University ranked 1st among higher education institutions in India by Times Higher Education World University Rankings.

The Department of Geography

The Department of Geography is a beacon of knowledge and citadel of diffusion of intellectual galaxy of geographers. Being oldest department of Geography in the Indian sub-continent, it was established in 1924. Since then the department is imparting geographical knowledge at under-graduate, post-graduate level and pursuing research in almost all the fields of Geography, especially in Agriculture, Rural-Urban Development, Population, Remote Sensing & GIS, Environment and Planning.

The Aligarh city

The pride of Aligarh is out of the existence of Aligarh Muslim University. The city is nicknamed *Tala Nagri*, for its famous Lock industry. Aligarh is located approximately 90 miles (140 km) south-east of the capital city of New Delhi and 85 km from Agra. It is very well connected with major cities of India by railways and roads. Weather in Aligarh becomes mild and pleasant by the mid of March.

Call for Papers: Submission of Abstracts and Full Papers

Abstracts and full papers are invited on any of the above theme areas or other related areas. The abstracts should not exceed 300 words, should be typed in 1.5 line spacing leaving 1" margin on all sides on A-4 paper. Three to five keywords should be given below the abstract in italics. The font should be Times New Roman in size 12. The abstract should be sent through email (amugeog2018@gmail.com) in MS word format.

The selected papers will be published in the Conference Proceedings which will be released on the day of Inaugural function of the Conference.

Registration Fees

Indian Delegate

Faculty/ Scientist	:	₹ 2000/-
Research Scholars	:	₹ 1500/-
Foreign Delegate	:	\$ 200 (USD)

- Registration fees include the conference kit, access to conference sessions, accommodation, food, lodging and local hospitality. Spot registration is also permitted but without conference kit. The research scholars are required to produce a valid identity card/ certificate for availing the discount.
- The registration fee should be sent in the form of Demand Draft (DD) drawn in favour of Convenor of Conference, Department of Geography, Aligarh Muslim University, Aligarh.

- **Venue:** Department of Geography, Aligarh Muslim University, Aligarh.
- **Accommodations:** It will only be provided to those delegates who inform the organisers in advance and will be accommodated in the University Guest House/Hotels/Hostels.
- No spot accommodation will be provided on the conference day.

Important Dates

Deadline for abstract submission	:	10th February, 2018
Notification of acceptance of abstract	:	15th February, 2018
Deadline for full paper submission	:	22th February, 2018
Notification of acceptance of full paper	:	28th February, 2018

For Details Contact:

Convenor

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Chairperson

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Aligarh - 202002

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&

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Photo

Registration Form

Name (in block letters):

Designation:

Organisation:

Address (in block letters):

Email ID:

Phone/Mobile No.:

Presenting Paper/Poster: (Yes/No)

Title of the paper/poster:

.....

Registration Fee (Amount in ₹/\$):

Mode of payment (Bank's details and DD No.):

.....

Date and Time of Arrival (along with the train's name and no.):

.....

Accommodation required: (Yes/No)

Food: Vegetarian/ Non-vegetarian

Place:

Date:

Signature of the Delegate

Note: Registration Form along with Demand Draft in favour of 'Convener of Conference' and other required documents should be sent to the Convener through post latest by **10 February 2018**.