



National Conference

on

Impact of Climate Change on Food, Water and Health: Issues and Challenges

1 - 2 February, 2020

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 & Convener

Department of Geography

Faculty of Science

Aligarh Muslim University,

Aligarh - 202002

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About the Conference

Nature has created living planet with all the necessities of life in a state of equilibrium for the betterment of organisms wherein human being has attained its central position to use the benefits of nature. The interaction between man and environment was very symbiotic very initially but after the Industrial Revolution, rapid urbanization, commercialization, consumerism, fast means of transport and communication and new technology. The existing equilibrium begins to deteriorate. The pace of deterioration has got accelerated when man started to use the existing resources like water and food in irrational manner without understanding the fragility of the system. It is evident that the climate change had been throughout the geological history out of nature induced but in the recent past the change of the climate is attributed to the burning of fossil fuels, biofuel consumption and diversified and commercialized agriculture, which adds more carbon emission and Green House Gases in the atmosphere leading to ecological imbalance. The effect of climate change on food, water and health is very complex which appears to be increasing the frequency and intensity of draughts, floods, heat waves, storms and other extreme weather phenomena. The most profound effect of climate change are likely to be on food, water and health, with varied cascading effects on various socio-economic systems in diverse environment. By and large, rising temperature lead to widespread fluctuation in ocean currents and atmospheric circulations leading to irregular and erratic distribution of precipitation, affects the environment and health. Climate change together with other natural and man-made health stressers, threatens human health and well-being in numerous ways i.e. outbreak of parasite borne, vector borne and water borne diseases that needs to be redressed.

The suggested theme “*Impact of Climate Change on Food, Water and Health: Issues and Challenges*” is the most burning issues of the world today, that is at the core for debate and discussions among the climatologists, earth scientists, geographers, geospatial researchers, social scientists, academicians, planners, stakeholders and administrators to find out scientific measures to mitigate and adapt in accordance with climate change and to orient the resilient path towards development. These issues are to be initiated in a broader framework within the following sub-themes.

Sub-themes

- Climate change impact assessment on agriculture, food security & water
- Climate change and assuring food security in developing countries
- Changing dietary habits and food consumption pattern
- Food security, nutrition, safety and sustainability
- Extreme climatic events –food security, water resources and human health
- Global warming and evolution of wild cereals
- Livestock production pattern and food security
- Reshaping supply chains, food retail, marketing and procurement
- Water resources- stress, quality and management
- Climate change induced uncertainty and impact on LU/LC transformation
- Water management policies, ethics and regulation
- Climate change impacts on fisheries and aquaculture
- Climate-resilient and low-emission practices and technologies
- Digitally enables climate informed services
- Applications of Geospatial techniques for assessment of climate change
- Modelling the impact of climate change, land use change and public health
- Convergence of different technologies for sustainable food production
- Climate change and human health impact and adaptations - emerging infectious diseases
- Climate change and women, health & medicine
- Climate change and population dynamics
- Climate change and sustainable agricultural development

The Aligarh Muslim University

Aligarh Muslim University (AMU) is a public university, funded by the central Government of India. It was established by Sir Syed Ahmad Khan 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 total academic staff strength of 2,500 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 draws students from all corners of the country 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 in the top 10 higher education institutions in India by Times Higher Education World University Rankings.

The Department of Geography

The Department of Geography, Aligarh Muslim University, Aligarh was established in 1924 which is the oldest department of Geography in the Indian sub-continent. Since then the department is catering to the 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, Environment and Planning.

The Aligarh city

Aligarh is notable for being the seat of Aligarh Muslim University. The city is nicknamed *Tala Nagri*, "The City of Locks" 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 cold by the start of December.

Call for Papers; Submission of Abstracts and Full Papers

Contributors are requested to submit abstracts and full papers in the form on any of the above sub-theme or other related areas. The abstracts should not exceed 300 word with maximum 5 key words, 1.5 line spacing, Times New Roman 12 font size, justified 1" margin on all sides of A-4 paper. The abstract must carry the author's name, designation, affiliation, contact number, email ID. The abstract should have brief introduction, objectives, methodology, database, analysis and findings. After acceptance of the abstract, full paper not exceeding 8 pages (including tables and figures) may be submitted on given email ID amugeog.deptt@gmail.com & website www.conf.thegeographer.in

Publication

The abstracts and papers will only be published after review by the expert committee. Based on the recommendation, selected papers will be published in an UGC recognised journal or an editorial volume of reputed publication with ISBN number.

Registration Fees

Faculty/ Scientist	:	₹ 2000/-
Research Scholars	:	₹ 1500/-

- 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.

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- The registration fee should either be sent in the form of Demand Draft (DD) drawn in favour of **Convener of National Conference**, Department of Geography, Aligarh Muslim University, Aligarh or paid through Net-Banking (as per Bank details given on www.conf.thegeographer.in)
- **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

<i>Deadline for abstract submission</i>	:	<i>15th December, 2019</i>
<i>Notification of acceptance of abstract</i>	:	<i>20th December, 2019</i>
<i>Deadline for full paper submission</i>	:	<i>31st December, 2019</i>
<i>Notification of acceptance of full paper</i>	:	<i>15th January, 2020</i>

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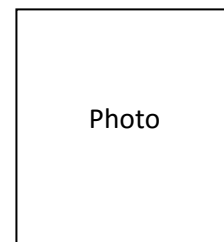
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Registration Form

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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 flight/train's name and no.):

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Accommodation required: (Yes/No)

Food: Vegetarian/ Non-vegetarian:

Place:

Date:

Signature of the Delegate