



+  = **Nurturing Young Minds**

International Seminar

ON

BUILDING CLIMATE RESILIENT SOCIETY: ISSUES AND CHALLENGES

Sponsored by Indian Council of Social Science Research (ICSSR), New Delhi

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Organised by:
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Brief History of Lucknow

Lucknow, the capital of Uttar Pradesh, is a city of history, culture, and charm. It is the land of the Nawabs, who left behind a legacy of exquisite architecture, cuisine, and art. One wants to explore the majestic Bara Imambara, taste the mouth-watering kebabs, or enjoy the poetry and music of the Awadhi tradition, Lucknow has something for everyone.

Brief History of Babasaheb Bhimrao Ambedkar University, Lucknow

Babasaheb Bhimrao Ambedkar University (BBAU) is a Central University in Lucknow, Uttar Pradesh, that was established in 1996 to honour the visionary leader and social reformer, Dr. B.R. Ambedkar. The university is accredited with 'Grade A++' by the National Assessment and Accreditation Council (NAAC) and ranked 42nd in the Overall category by the National Institutional Ranking Framework (NIRF) in 2023. BBAU offers more than 100 programmes in various disciplines, ranging from science and technology to humanities and social sciences, through its 40+ departments. BBAU has a vibrant campus life, with state-of-the-art infrastructure, facilities, and amenities. For details of BBAU and International Seminar Brochure visit www.bbau.ac.in

Brief History of Department of Economics

The Department of Economics at Babasaheb Bhimrao Ambedkar University (BBAU) is a centre of excellence in teaching and research in the field of economics. The department offers M.A., M.Sc. and Ph.D. programmes at present in various specializations, such as development economics, agricultural economics, environmental economics, and econometrics. The department has a team of eminent and skilled faculty members, who have published extensively in national and international journals and books. The department also has a well-equipped computer laboratory and a library with a huge collection of books and journals. The department organizes seminars, conferences, and workshops regularly, and invites distinguished scholars from other reputed institutions to interact with the students and faculty. The department aims to create global academicians and researchers, who can contribute to the advancement of knowledge and the welfare of society.

Aim and Objectives of the International Seminar

Climate change is a significant and pressing concern in the present century. It causes global warming, changes in precipitation patterns, and ocean levels to rise. The repercussions of climate change include heatwaves, rising sea levels, intense precipitation, floods, and droughts. The average climate has shown a remarkable degree of stability over the course of many millennia. However, over the past five decades, it has seen more pronounced and accelerated growth. By the year 2100, projections indicate that the Earth's average temperature will rise by 1.8 to 4 °C. Climate change has an adverse impact on nations' sustainable development, resulting in a decline in economic growth, exacerbating inequities in access to public services like education and healthcare, and even fuelling wars and tensions between nations. The primary objective of Sustainable Development Goal (SDG) 13 is to promptly address the issue of climate change and its associated impacts. On the other hand, SDG 3 aims to guarantee a state of good health and well-being for all individuals. Climate change has a direct impact on human physical and mental well-being via changes in weather patterns, such as heat waves, droughts, floods, storms, and hurricanes. Additionally, it indirectly impacts the quality of

water, air, and food. Heat stress may lead to several health issues, including fatigue, gastrointestinal problems, heightened skin sensitivity, stroke, and even fatality. Air pollution exacerbates mortality rates from respiratory infections, lung cancer, and cardiovascular disorders.

As awareness of the serious impact of human-caused climate change increases, there is an increasing interest in how local communities and various individuals might enhance their ability to withstand and adapt to climate-related shocks and stresses. The increasing focus on resilience building refers to the capacity of communities, whether based on location or shared interests, to actively come together and develop the skills necessary to adapt in the presence of various types of shocks and stressors. This interest has coincided with a significant expansion of research across different disciplines, exploring resilience in a broader sense and its application to various contexts and areas of study. This research has uncovered a wide range of characteristics that either strengthen or limit resilience at community and other social levels. This study demonstrates that improving community resilience requires strategies that go beyond only implementing technical or architectural solutions. It also involves taking into account various social and psychological elements. The presence of reliable infrastructure, such as roads and housing, plays a critical role in facilitating access to essential services like food and healthcare in the domain of emergency management. In several domains, such as rural development and urban studies, the presence of different sources of income and institutions that facilitate the negotiation of interests and access to resources and opportunities plays a crucial role in determining the capacity to effectively respond to sudden disruptions and adapt to prolonged challenges.

The current research on climate resilience agrees that addressing climate action within a broader socio-economic and environmental context and incorporating it into long-lasting development plans is crucial. This includes prioritizing locally grounded interventions, embedding adaptation and mitigation agendas into local institutions' everyday planning, and considering co-benefits, synergies, and trade-offs, such as modernization and traditional values in rural-urban development settings, to ensure sustainability over time. With these, the international seminar exclusively addresses climate-induced vulnerability and its solutions in terms of locally and indigenously developed resilience strategies.

Building a climate-resilient society involves creating systems and infrastructure that can withstand and adapt to the adverse impacts of climate change. For India, which is highly vulnerable to climate change due to its geographical and socioeconomic setting, developing and implementing effective climate-resilient policies is crucial. Further, high population density, higher agriculture dependence, ageing infrastructure, poor urban planning, limited climate financing, social and economic inequality, and a lack of coordination between different levels of government and the private sector are major constraints leading to ineffective climate action. Given these constraints, we must devise decentralised policy solutions to effectively address both current and future climate change.

Themes and Sub-themes of the International Seminar

Resilience to climate change is a very promising concept for disaster risk management, but the lack of consensus on its definition is still a major challenge to its operationalization and assessment. Because resilience is a complex, multi-dimensional, and multi-scale term, it brings several complications to its application. The international seminar themes aim to tackle the effects of climate change on the livelihoods of Indian farmers and society at large. Themes of

the seminar designed to cater resilience capacity of the Indian farmers in particular and other sectors in general. The seminar's sub-themes delve deeply into the primary issue, which is the development of a climate-resilient society. The sub-themes cover community-level resilience strategies, while the development of new methodology tools for macro-level data analysis will surely help vulnerable populations prepare against changing climates. Second, the seminar's findings will undoubtedly result in a region-specific climate adaptation policy that will not only lower cultivation costs but also improve the livelihood diversification capabilities of farmers and fishermen. Hence, sub- themes of the international seminar are follows.

1. Climate hazards and livelihoods Vulnerability
2. Community based climate change adaptation in Agriculture
3. Social Tipping Points and Disaster Risk reduction
4. Climate Resilient Society-sectoral perspectives covering cities and urban infrastructure, drought prone areas, and renewable energy
5. Climate Change and Multidimensional Poverty
6. Rural distress, crop failure and Government expenditure in Agriculture
7. Case studies on community based climate adaptation strategies in agriculture
8. Nexus between crop failure and rural distress
9. Readiness of Urban Areas to Heat Stress
10. Readiness of Urban Areas to Flood
11. Case studies on climate resilient strategies in agriculture sector
12. Farm production, livelihoods and Government support
13. Institutional credit and livelihood security
14. Rural Development programme and livelihood security

Apart from the above sub-themes, any study address climate resilient society will be accepted for the presentation in the International seminar.

Targeted Participants

- Academician and Policymakers working on climate resilience, climate vulnerability and climate finance.
- Scientists working on environmental issues specially addressing climate change impact on agriculture.
- Young research scholar from Economics, agricultural economics working on climate change issues in rainfed, coastal and plateau regions in global south.

Registration Fees

There are no registration fees, and no accommodation fees. The international seminar is sponsored from ICSSR, New Delhi.

Where to send Full-length Paper

- Full-length paper will be sent on the surendraeconomics@gmail.com on or before **15th November 2024**.
- Decision on the submitted full-length papers will be communicated on **15th November 2024**.
- Submission date of Power point presentation **22nd November 2024**.

- Abstract submission is not accepted.
- The abstract along with details of authors will be published in the souvenir of seminar, not full-length papers.
- Authors may contact to **Dr. Surendra Singh Jatav**, Assistant Professor, Department of Economics, BBAU, Lucknow on the mobile no. +91-8923455066 for any clarification, if required.

Basic Requirements of the Papers

- The length of the paper mentioning Introduction, theoretical background, research gap, aims and objective, detailed research methodology, results, discussion, limitations, and conflict of interest statement.
- Reference style is APA.
- Figures and tables should be clear and self-explanatory and editable.
- Font size for main headings is 14, while running text is 12 in Times roman style.

Participation Mode

This seminar will be in physical mode, but if any scholar(s) requests for an online presentation, his/her request may be accepted. The organizer will not provide a registration kit for the online mode. Only e-certificates will be sent through email.

Publication Opportunity

The selected high-quality papers will be published in the Springer Nature/CRC press (Tylor and Francis) edited book or Scopus indexed journals without any additional cost.

Accommodation

Moderate level shared accommodation shall be arranged for the outside delegates within and nearby University's campus **free of cost**. Those willing to arrange their own accommodation may also opt for hotels. Participants are requested to send their travel plans well in advance. This will help in avoiding last minute hassles in arrangement of accommodation. Accommodation will be arranged from 24th (evening) to 26th (morning) 2024. The organizer will not extend accommodation at any cost. Hence, selected participants are advised to book their tickets accordingly. No accommodation will be provided to the accompanying persons.

Travel Allowance

The organizer's funding for travel allowance is very limited. Hence, a travel allowance may be given to the participants depending on the availability of fund, and tickets booked from IRCTC website only. The organizer is encouraging participants to arrange their travel allowance.

Arrival and Reception

Lucknow is well connected from trains and flights. The nearest railway stations are Charbagh railway station, Lucknow and Aishbagh railway station, Lucknow. From both the railway stations, BBAU Lucknow, is situated only 10 kilometres. Those coming from flight, nearest

airport is Chaudhary Charan Singh Airport situated only 5 kilometres from BBAU, Lucknow. To avoid inconvenience, please take OLA/UBER/Rapido or other taxies for reaching university or place of accommodation. It is highly advisable that don't book private taxi other than OLA/UBER, if you traveling late night. The OLA and UBER usually is charge Rs. 200. The participant may take Lucknow metro (timings of Lucknow metro; 6 AM to 10: 30 PM), if they are traveling from train. Charbagh railway station is well connected with Lucknow metro station. The nearest metro station to BBAU is Transport Nagar. From Transport Nagar Metro station take shared auto/battery rickshaw to BBAU. Shared auto charged only Rs. 15. The shared auto is also available from second entrance of Charbagh railway station, and it charged only Rs. 25 to BBAU. Ask auto driver to drop in Rajnikhand. From Rajinikhand, BBAU's location only 200 meters.

Weather Conditions in November

The temperature ranges from 7°C–24°C in November, making it a great time to visit historical monuments, museums, and national parks. Light woollen cloths are suggested.

Places participants may visit

The participants may visit following places to make their academic journey memorable.

1. Dr. Babasaheb Ambedkar Memorial Park
2. Rammanohar Lohia Park
3. Nawab Wajid Ali Shah Zoological Garden
4. Rumi Darwaza
5. Chota and Bara Imambara
6. The Residency, Lucknow
7. Janeshwar Mishra Park
8. Gomti Riverfront
9. Chhatar Manzil
10. Hazratganj for shopping and night life

