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36th All India Congress of Zoology and International Conference on

Innovations in Life Sciences for Sustainable Development:
Biodiversity, Environment, Health
and
Food Security- 2025 (ILSSD-2025)

APRIL 24-26, 2025



Organized by
Department of Zoology
Faculty of Science
University of Lucknow, Lucknow-226007, UP, India
<http://www.lkouniv.ac.in/>



In Collaboration with
Zoological Society of India, Gaya, Bihar

Why Sustainable Development, Biodiversity, Wildlife, Health and Food Security?

Innovation is the cornerstone of sustainable development, bridging the gap between the challenges of the present and the opportunities of the future. As the global population grows and ecosystems face increasing pressures, humanity must confront critical questions about how to balance development with the preservation of natural resources. Central to this mission are four interconnected pillars: biodiversity, environment, health, and food security, all of which align with the United Nations Sustainable Development Goals (SDGs).

Biodiversity-the immense variety of life on Earth-underpins the stability of environment and ecosystems and the essential services they provide, from clean water (SDG6) to fertile soils for agriculture (SDG15). Yet, biodiversity is under threat due to habitat loss, climate change, and overexploitation; posing a direct risk to global sustainability and the achievement of these goals. Environmental conservation, closely tied to biodiversity, demands innovative solutions to mitigate climate change (SDG13), reduce pollution, and promote renewable energy (SDG7) thus ensuring a livable planet for future generations.

Health (SDG3) and food security (SDG2) in turn, are profoundly dependent on the environment and biodiversity. Healthy ecosystems regulate diseases, provide medicinal resources, and sustain agricultural productivity. However, with the intensifying impacts of climate change and resource scarcity, millions worldwide face challenges such as malnutrition, food insecurity, and deteriorating public health. Addressing these challenges is essential to achieving a sustainable and equitable future.

This conference delves into how groundbreaking innovations-whether technological, social, or policy-driven-can address these critical areas while advancing the SDGs. From climate-smart agriculture and renewable energy technologies to community-driven conservation initiatives, innovation offers pathways to sustainable solutions that benefit both people and the planet. By examining the intersections of biodiversity, environment, health, and food security, we aim to inspire action, drive progress toward the SDGs, and chart a course toward a resilient and equitable world.

About University of Lucknow

The University of Lucknow, established in 1921, is one of the oldest universities in India. The university campus is spread over 219.01 acres. It gained recognition for its quality of education and research accredited with a "Grade A++" by NAAC. This accreditation reflects the university's commitment to maintaining high standards in teaching, research, and overall educational quality. It is recognized by the University Grants Commission (UGC) and is a member of various academic and professional bodies. Today, the University of Lucknow is a prominent institution offering undergraduate, postgraduate, and doctoral programs across various fields including arts, science, commerce, law and management.

About the Zoological Society of India

The Zoological Society of India (ZSI) is the oldest academic body in India, established on 7th January 1938 at Lahore, with the primary objective of providing a platform for quality academics and research in the field of Zoology and related allied fields. Since its inception, the Society has progressed steadily under the able guidance of Prof. B.N. Pandey and is flying high towards reaching higher standards in the pursuit of academic and research impact and outreach. Furthering its objectives, the society holds annual All India Congress of Zoology and conducts simultaneous National/International seminars, symposia, and conferences for brainstorming discussions and promulgation of the recent advances in Zoological sciences. This endeavour serves as a prestigious meeting point

for researchers/ academicians/ scientists/experts in the field, the student community, and the society. The Zoological Society of India has successfully completed 86 years of its journey, and till date has organized 35 All India Congresses of Zoology at different central and state universities across India. It's headquarter is in Gaya, Bihar; and has a branch office at Babasaheb Bhimrao Ambedkar (Central) University, Lucknow, Uttar Pradesh; besides six regional centres located at Agra, Aurangabad, Satna, Chennai, Lucknow and Jaipur. The society annually confers Fellowships and has instituted 20 Awards/Medals to encourage the academic and research community. The Zoological Society of India also publishes a biannual, peer-reviewed, and indexed Journal, "Proceedings of the Zoological Society of India" which enjoys a prestigious position in academia.

About Lucknow

Lucknow is the capital city of the state of Uttar Pradesh in India. It is the largest and most developed city in north India after Delhi. Lucknow is popular as a traditional and multicultural city and known as the seat of power of erstwhile Nawabs. It is also known as the Golden City of India, Shiraz-i-Hind and the Constantinople of the East. Lucknow's society is very famous for its etiquette and traditions which imparts a rare degree of sophistication to the city. Be it the cultural charm or the historical monuments or the culinary traditions, all are well conserved here to make Lucknow "the city of many splendours"

Distance between Lucknow and New Delhi is 498 km and it takes 5 hours 20 minutes by train, 7 hours by road and 45 minutes by air to reach Lucknow from New Delhi. It is directly connected with New Delhi, Patna, Kolkata, Mumbai, Varanasi, Bengaluru, Thiruvananthapuram, and other major cities by rail and air. At present, Air India, Air India Express, Jet lite, Jet Air, GoAir, IndiGo, Saudi Airline, Flydubai, Oman Air and SpiceJet are operating domestic and international flights to and from Lucknow.

Dear Colleagues

We extend a cordial invitation to you and your colleagues to participate in the National Conference on "Innovations in Life Sciences for Sustainable Development: Biodiversity Environment, Health and Food Security-2025 (ILSSD-2025)" to be held on 24-26 April, 2025 in the Department of Zoology, University of Lucknow, Lucknow.

Thrust Areas

Research papers are invited for Oral/Poster presentation in the following thrust areas:

- Biodiversity, Wildlife Conservation and Management
- Endocrinology and Reproductive Physiology
- Entomology and Pest Management
- Environment and Climate change
- Environmental toxicology and Food security
- Fish, Fisheries and Aquaculture
- Functional Biology and Biotechnology
- Medical and Veterinary Parasitology
- Molecular Biology and Genetics
- Nutrition and Health
- All branches of Zoology

Registration and Call for Abstracts/Full Length Paper

Authors are requested to indicate their choice for oral/poster/award presentation on the Google Registration form. The scientific committee will decide on the suitability of paper for oral or poster presentation and the

same will be communicated. Abstract in prescribed format should be submitted through Google form by scanning the registration QR Code or the link given below.

Link for Registration:

<https://forms.gle/vFnDrLdwbCkAUwQ67>

E-mail: ilssd.2025@gmail.com

Selected full length research papers will be published in books bearing ISBN Number.

Format for Abstract: In MS Word not exceeding 250 words (unstructured).

Font: Times New Roman, Text should be justified (single spacing, margin: L2", R1").

Title: Capital and bold with font size 14, Author's Name: Bold with font size 12.

Affiliation: Address of institution with e-mail ID of corresponding author only.

Presenting author should be underlined. Title, Authors' name and Affiliation should be centre aligned. Key words: 5-6 words in Italics, bold with font size 10.

Poster Presentation: 1x1 sq. meter space will be provided for each poster. Poster should be in one piece either in flex or laminated paper.

Oral Presentation: Presenter will use only Power Point and will be entitled to not more than 10(8+2) minutes for presentation. Overhead, slide projectors and video players etc. will not be allowed.

Key Dates and Deadlines

Abstract Submission	: 15 March, 2025
Early Bird Registration	: 28 February, 2025
Registration with late fee starts from	: 01 March, 2025
Full Length Paper Submission	: 15 March, 2025

Registration Fee (in INR)

Participant	Before 28/2/2025	After 28/2/2025	Onspot payment
Faculty/Scientist (ZSI Members)	2000	2500	3000
Faculty / Scientist (Non ZSI Members)	2500	3000	3500
Accompanying person	1500	2000	2000
Research Scholar	1500	2000	2000
Student (UG/PG)	600	800	1000

Registration fee will include Conference Kit, Conference Dinner (24 April, 2025), Breakfast (02 Days, 25-26 April, 2025), Lunch (03 Days, 24-26 April, 2025)

Bank Details: Registration fee can be paid online through net banking or by QR code.

A/c Name: The Head, Department of Zoology, University of Lucknow, Lucknow

Account No.: 00600100018970

Bank: UCO Bank, Lucknow University Branch

IFSC Code: UCBA0000060

Note: Payment through Draft/Cheque is not acceptable.



Use the QR code for Registration



Use the QR code for Payment

Accommodation and Travel

The outstation participants may request for stay in the university campus in Hostels and Guest House. Allotment will depend on availability and will be done on first-cum-first-serve basis. Hotel accommodation can be arranged on request (An advance payment will be required as booking charge) along with registration fee by 28 February, 2025. Delegates have to arrange for TA/DA on their own.

The rates are as follows:

LU Guest house and Hostels: ₹1000/night/person (including 01 breakfast on 24/04/25 and 02 dinners)

Hotels: ₹3000 per day

Note: Accommodation fee to be paid in advance along with Registration fee

Awards and Recognitions

1. **Recognition Awards** to felicitate achievements and accomplishments of India's outstanding zoologists (Senior Professors, Researchers and Scientists) for their significant contribution in Zoology and related fields with ZSI medals. The interested candidates are requested to send their application along with detailed bio-data and a brief write-up about their contribution to the Organizing Secretary, latest by 31 March, 2025.
2. **Best Paper Award** for Young Scientist (35 years) and Senior Scientist (> 35 years) comprising a medal and a certificate. Submission of full-length paper is mandatory for this award. Interested candidates are requested to apply latest by 31 March, 2025 for consideration, scrutiny and acceptance for presentation.
3. **Gold Medal and Fellowship** of Zoological Society of India. These awards are open only for life members of ZSI. Form may be obtained by writing to the President of Zoological Society of India, at the address: Dr. B.N. Pandey, President, ZSI, c/o Hill View Compound, Rampur, Gaya - 823001, Bihar alongwith DD of Rs.2,500/- drawn in favor of Zoological Society of India, Payable at Both Gaya is mandatory for submission of form available on ZSI, Gaya website. The last date for submission of duly filled and completed application form is March 31, 2025. For more information, please refer to the latest edition of the Society's Journal - Proceedings Zoological Society of India. Submission of full-length paper is mandatory (in hard and soft copy) to be considered for the Gold Medal and Fellowship Awards.
4. **Best Poster and Oral Presentation Awards** will comprise of medal and certificate. This will be evaluated and awarded as per norms of conference organizers.

Link for Application for Awards:

<https://qr-codes.io/Sn5sll>



Link for ZSI Membership Form:

<https://qr-codes.io/cOFbz1>

