

PREFACE TO THE EDITION

It is with great pleasure that we present the forthcoming issue of the **Eduschool Journal of Zoological Research Studies (EJZRS)**, a scholarly platform dedicated to advancing contemporary research in zoology, biodiversity conservation, wildlife management, and ecological sustainability. This issue brings together a collection of insightful studies and reviews that collectively address some of the most urgent challenges confronting the animal world in the twenty-first century.

The articles featured in this issue underscore the growing importance of interdisciplinary approaches in zoological research. Several contributions focus on biodiversity conservation and the alarming impacts of anthropogenic pressures on wildlife populations and ecosystems. The review on conservation genetics of threatened mammals highlights the transformative role of molecular and genomic tools in preserving genetic diversity, mitigating inbreeding depression, and informing evidence-based conservation policy. Closely aligned with this theme, the study on population viability in fragmented forests provides critical insights into habitat fragmentation, metapopulation dynamics, and the ecological thresholds necessary for sustaining endemic fauna.

Another significant contribution examines the accelerating rates of species extinction caused by human-induced environmental changes. By synthesizing evidence across ecological disciplines, the paper emphasizes the interconnected effects of habitat destruction, climate change, pollution, invasive species, and overexploitation, thereby reinforcing the need for immediate and coordinated global conservation strategies.

This issue also highlights the indispensable role of communities and protected landscapes in wildlife conservation. The article on community-based conservation demonstrates how participatory governance, traditional ecological knowledge, and equitable resource-sharing can strengthen wildlife sustainability and foster long-term ecological resilience. Complementing this perspective, the review on protected areas and invertebrate biodiversity draws attention to the often-overlooked significance of invertebrates in ecosystem functioning and evaluates the effectiveness of protected areas in conserving these ecologically vital organisms.

Collectively, the studies presented in this issue reflect the dynamic and evolving nature of zoological sciences, where conservation biology, ecology, genetics, and socio-environmental studies increasingly converge. They not only contribute valuable scientific knowledge but also encourage meaningful dialogue between researchers, policymakers, conservation practitioners, and local communities.

We extend our sincere appreciation to all authors, reviewers, editorial board members, and contributors whose scholarly dedication and collaborative efforts made this issue possible. We hope that the research published in this volume will inspire further inquiry, promote sustainable conservation initiatives, and contribute meaningfully to the protection of global biodiversity.

We are confident that this issue of EJZRS will serve as a valuable resource for researchers, educators, students, and practitioners engaged in the diverse and vital field of zoological research.

Dr. Chhandashree Bhuyan
Chief Editor

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