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Welcome to the Asian Journal of Natural Sciences (AJNS), a peer-reviewed academic journal dedicated to the advancement of scientific knowledge across the diverse fields of natural sciences. AJNS serves as a scholarly platform for researchers, academics, and professionals to share their original research, critical reviews, and scientific insights that contribute to the development of science and its applications in society.

Each issue of AJNS features high-quality articles encompassing a broad range of topics, including but not limited to physics, chemistry, biology, environmental science, and earth sciences. The journal emphasizes interdisciplinary approaches and encourages contributions that explore the intersections between scientific disciplines and real-world challenges.

Our mission at AJNS is to promote rigorous scientific inquiry, encourage collaboration across disciplines and regions, and support the dissemination of knowledge that can inform policy, technology, and innovation. We believe that the natural sciences play a vital role in addressing global issues such as climate change, biodiversity loss, energy sustainability, and public health.

In this volume, we present a collection of articles that reflect current trends, methodologies, and emerging findings in the natural sciences. From experimental studies and theoretical analyses to applied research and environmental monitoring, each paper represents a significant step toward expanding our understanding of the natural world.

We extend our sincere appreciation to all authors, peer reviewers, and members of the editorial board for their contributions to maintaining the quality, relevance, and integrity of this journal. We also thank the institutions, research centers, and funding agencies that continue to support scientific research and dissemination.

We hope that the Asian Journal of Natural Sciences (AJNS) will serve as a valuable resource for scholars, educators, and professionals, and that it will foster meaningful dialogue, innovation, and collaboration within the global scientific community.

Happy reading

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