

Preface

It is with great privilege that I, on behalf of the Editorial Team, introduce the proceedings of *The 8th International Conference on Biological Science (ICBS 2023)*, convened by the esteemed Faculty of Biology, Universitas Gadjah Mada, in conjunction with Universiti Tun Hussein Onn Malaysia (UTHM), and supported by the esteemed Konsorsium Biologi Indonesia (KOBBI). The overarching theme of ICBS 2023, "**Leveraging Biodiversity to Support Green Economy and Climate Resilience**," epitomizes the imperative for interdisciplinary collaboration and innovative approaches in addressing contemporary challenges. As we navigate the intricate terrain of biodiversity conservation, sustainable development, and climate adaptation, this conference stands as a pivotal nexus for scholars, researchers, and practitioners from across the globe to converge, exchange insights, and forge pathways toward a more resilient and equitable future.

The scope and depth of contributions received for ICBS 2023 underscores its global significance and impact. With over 150 papers spanning a diverse array of topics and geographical contexts, this compendium epitomizes the rich mosaic of perspectives and methodologies within biological science. Participating countries include the USA, India, Australia, Mexico, Malaysia, and Indonesia, each contributing unique insights that enrich our collective understanding of the intricate dynamics of life on Earth. Selected papers from ICBS 2023, including those published in the BIO Web of Conferences proceedings, are indexed by reputable databases such as Scopus and the Web of Science (WOS), further enhancing their visibility and scholarly impact.

We extend profound appreciation to all authors whose scholarly endeavors have enriched these proceedings. Your steadfast commitment to advancing scientific knowledge and fostering rigorous discourse is commendable. Furthermore, we thank the esteemed reviewers whose discerning evaluations have ensured the scholarly rigor and integrity of the papers presented herein. Acknowledgment is also extended to the organizers, sponsors, and collaborators whose steadfast support has been instrumental in realizing ICBS 2023. Their unwavering dedication to scholarly excellence and professional integrity has laid a sturdy foundation for a conference that promises to be both impactful and transformative.

As we embark on this intellectual odyssey, let us remain cognizant of the weighty responsibility entrusted to us as custodians of the natural world. May the insights gleaned from these proceedings serve as catalysts for action, inspiring positive change as we endeavor to safeguard biodiversity, promote sustainable development, and nurture a resilient future for generations to come.

With warm regards,

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Editor-in-Chief
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