

From the Editor's Desk**Editorial****Onto the Sixty fifth Year**

Dear Readers and Colleagues,

It is my great pleasure to present the fourth 2025 edition of the Proceedings of the Mongolian Academy of Sciences, the official peer-reviewed scientific journal of the Mongolian Academy of Sciences. This issue continues the journal's long-standing tradition of disseminating high-quality scientific research and fostering scholarly communication at both national and international levels.

This edition features original research articles authored by scholars across a broad spectrum of disciplines, including the natural sciences, engineering, and socio-economic studies. The contributions encompass both fundamental and applied research, addressing contemporary scientific and technological challenges. Many of the studies focus on issues of regional and national significance, while simultaneously providing insights, methods, and results that are relevant to the wider global scientific community.

The Proceedings of the Mongolian Academy of Sciences remains firmly committed to upholding the highest standards of academic quality, research ethics, and transparency through a rigorous and impartial peer-review process. Our objective is to publish reliable and scientifically sound research papers, while encouraging interdisciplinary approaches that connect diverse fields of inquiry. The journal serves as an important platform for disseminating research outcomes that support sustainable development, technological advancement, and evidence-

based decision-making in science and policy.

I would like to express my sincere gratitude to the authors for submitting their valuable works and for placing their trust in our journal. I am also deeply appreciative of the reviewers for their thoughtful, critical, and constructive assessments, which are essential to maintaining the level of quality of the published articles. Special thanks also go to the members of the editorial board for their continued dedication and professional commitment. Their collective efforts ensure the scientific integrity, credibility, and growing international visibility of the journal.

We cordially invite researchers and scholars to continue submitting high-quality and innovative studies to the Proceedings of the Mongolian Academy of Sciences journal. We hope that the articles published in this issue will stimulate further research, meaningful dialogue, and productive collaboration within the scientific community.

Welcome to the sixty fifth year of journey of the PMAS journal.

Sincerely,

Prof. B.Avid, Editor-in-Chief,
"Proceedings of the Mongolian Academy
of Sciences"
Mongolian Academy of Sciences.



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