Preface

The 6th International Conference on Marine Sciences (ICMS 2025), themed "Advancing Marine Sciences for a Sustainable Blue Economy," will be held on 17–18 September 2025 in Bogor, Indonesia, and organized by the Department of Marine Science and Technology, Faculty of Fisheries and Marine Science, IPB University. The conference serves as an international scientific forum for the exchange of knowledge and the dissemination of recent research advances in marine science and technology.

The first through fifth International Conferences on Marine Sciences (ICMS) were successfully conducted in June 2013, September 2017, September 2019, August 2021, and October 2023, attracting participants from a wide range of countries, including Germany, France, Belgium, India, Japan, the Philippines, Poland, Thailand, Yemen, Singapore, Taiwan, Malaysia, Australia, the Netherlands, Bangladesh, and Indonesia. The sustained organization of ICMS reflects a strong, ongoing commitment to advancing and disseminating marine science globally.

ICMS 2025 focuses on the role of scientific research and technological innovation in supporting sustainable marine resource management and the implementation of the blue economy. The conference addresses key themes including ocean science and climate change; marine technology and innovation; marine biodiversity and eco-biology; marine protected areas and other effective area-based conservation measures (MPA-OECM); ecosystem approach to fisheries management (EAFM); and blue economy and fisheries stock assessment.

These proceedings compile selected papers presented at ICMS 2025, all of which have undergone peer review to ensure scientific rigor and quality. It is expected that this volume will provide meaningful scientific contributions to the advancement of marine science and technology, as well as to the sustainable management of marine resources.

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Nadya Cakasana

Chairman of Committee

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