

PREFACE

As a maritime country and affected by global climate change, Indonesia is expected to succeed in achieving the 13th (climate change) and 14th (life below waters) SDGs goals, to end poverty, reduce inequality and protect the environment. Those SDGs aim to strengthen resilience and adaptive capacity to climate-related hazards and natural disasters, sustainably manage and protect marine and coastal ecosystems from pollution, as well as address the impacts of ocean acidification. Integrating climate change measures into national policies, strategies and planning, enhancing conservation and the sustainable use of ocean-based resources through international law will also help mitigate some of the challenges facing our oceans.

Align with two of the 7 ocean decade outcomes, the United Nations Ocean Decade of Ocean Science for Sustainable Development 2021-2030, we want a healthy and resilient ocean where marine ecosystems are understood, protected, restored and managed. A healthy and resilient ocean that delivers a range of benefits to us now and in the future. And as the climate change grows, we also want a predicted ocean where society understands and can respond to changing ocean condition.

All the outcomes are designed to involve all development actors, be they the Government, Civil Society Organizations (CSOs), the private sector, academics, and so on. Collaboration among researchers is successful key to achieve these goals, and interdisciplinary collaboration within marine sciences is also expected to trigger innovative marine science and technology solution for healthy, resilient and global climate change, especially in the tropical regions of Indonesia.

The First, Second, Third and Forth International Conference on Marine Sciences (ICMS) was held successfully in June 2013, September 2017, September 2019 and August 2021 respectively, attended by international participants (Germany, France, Belgium, India, Japan, Philippines, Poland, Thailand, Yemen, Singapore and Indonesia with a total of 110 oral and 110 poster participants and since the Second ICMS was successful in publishing more than 50 papers in the IOP proceedings indexed Scopus.

To keep this biennial conference agenda forward, in 2023 the Department of Marine Science and Technology will proudly organize the 5th ICMS agenda in 25-26th October 2023. The presented papers will be published in the accredited proceeding or accredited journal, through a defined review procedure, and in addition to being a scientific meeting among researchers. This activity can also encourage IPB University to boost the World University Ranking (WUR) through international scientific publications on SCOPUS indexed proceedings. It is expected that in this fifth ICMS event we will have 100 participants, which are included Lecturers/Researchers/Post-IPB Students. In this regard, the Department of Marine Science and Technology of IPB University, will hold an international scientific meeting, namely: International Conférence on Marine Sciences (ICMS) 2023

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Chairman of Committee Thanks for submitting the files