

Abstract

SESSION 3:

From Vision to Reality: Aligning the Global Agenda with Local Benefits

WORKSHOP 3.3:

Blue Economy Development: Where are we now? Where are we headed?

A Preliminary Assessment of the Ocean Economy and Marine Ecosystem Services in Korea



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Recently, ocean and coast are regarded as highly valuable assets, and provide important opportunity for human life. The wide range of Korean ocean nature and condition has resulted in a diverse array of ocean economic activities. With this potential of the ocean, Korean ocean economy is emerging as new source of sustainable growth.

This study aims to review the past performance and status of assessment of Korean ocean economy and marine ecosystem services (MES). First, it addresses the definitions and scope of Korean ocean economy, and measures the economic contribution on the national economy. Second, for the status of MES, recent definition and valuation results of Korea are presented. Finally, this study verifies the future works needed to link economic activities and ecosystem services, and to shift from ocean economy to blue economy.

The results can emphasize the point that not only ocean economy, but also MES is important resource as a national asset by showing the benefits in monetary terms. The findings herein contribute to providing policy-makers with useful evidence and framework in the decision-making process to enhance sustainable ocean economy and efficient public investment in each sector.



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Global Targets
Local Benefits

Setting the Sustainable Development Agenda for the Seas of East Asia beyond 2015

About Jeong-In Chang:

Dr. Chang Jeong-In has worked as a senior researcher in Korea Maritime Institute (KMI), which is a government-affiliated research entity under the Prime Minister's Office. She specialized in environmental economics, and has been working on diverse researches about the evaluation of the non-market value of the coastal ecosystem services, benefit-cost analysis of coastal public projects, and the analysis of the maritime industries. She is a member of Marine Ecosystem Services Research Network of Korea.