

## **An Introduction of The Session - Marine Engineering Towards Societal Outcomes of The UN Decade of Ocean Science –**

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### Abstract

The UN Decade of Ocean Science for Sustainable Development ('the Decade' hereafter) started on January 1, 2021, as a 10-years international initiative, based on a declaration on this at 72th UN General Assembly in 2017. Taking the opportunity of UT23 Plenary panel on "UN Decade of Ocean Science for Sustainable Development meets the marine engineering", we will discuss how to proceed the Decade program with marine engineers together with scientists to enhance the attendees from marine engineering community for realizing the specific technical programs and/or activities contributing to the Decade. While the Decade is a global initiative at the UN level, it is essentially important to fully engage regional marine communities. The marine engineering should be a fundamental partner for successful implementation of the Decade and this session expects two primary outcomes including i) to raise awareness of the Decade among marine engineering community and ii) to foster dialogue opportunities between marine engineering community and marine science community related to the Decade, not only at global perspectives but also with a view of regional needs in marine science.

Yutaka Michida, graduated from The University of Tokyo in 1981 and received his PhD in geophysics (physical oceanography) in 1999. After 16 years' work as a research and administrative officer in the Hydrographic Department of Japan Coast Guard, he moved to the Ocean Research Institute (presently Atmosphere and Ocean Research Institute) of The University of Tokyo in 2000. He published more than 80 refereed papers and over 90 other articles, in the fields of his primary major, physical oceanography, and of other related to marine policy including oceanographic data management. He was one of the vice chairs of the Intergovernmental Oceanographic Commission (IOC) of UNESCO for the period from 2011-2015, and then appointed as the co-chair of International Oceanographic Data and Information Exchange (IODE), a flagship program of IOC, from 2015-2019. He has been awarded with several level of prizes, including Japan Prime Minister's Prize of promotion of ocean state in 2015 (for his outstanding contributions to international marine science cooperation). Currently Michida has been involved in several professional activities, for examples, as the President of Japan Society of Marine Surveys and Technology, Vice President of Japan Society of Ocean Policy, and officers and/or members of academic and governmental committees and initiatives related to the ocean issues, including the Chair of the Japanese National Committee for the IOC since 2018.