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STATEMENT BY THE SCIENTIFIC COMMITTEE ON OCEANIC RESEARCH (SCOR)

Speaker: Dr. Patricia Miloslavich, Executive Director of SCOR

Statement:

The Scientific Committee on Oceanic Research (SCOR) is an international non-governmental and interdisciplinary body aimed to advance ocean science and address global issues requiring a multidisciplinary approach.

Since its establishment in 1957 by the International Science Council, SCOR has been instrumental in planning and coordinating international collaborative oceanographic research and developing capacity for ocean science.

Currently, SCOR supports a portfolio of large scale projects including GEOTRACES which conducts research on marine biogeochemical cycles, the Integrated Marine Biosphere Research (IMBeR) which focuses on ocean sustainability in the context of global change ocean, the Surface Ocean – Lower Atmosphere (SOLAS) which investigates ocean and atmosphere interactions, the International Quiet Ocean Experiment (IQOE) which explores the effects of sound on marine organisms, and the International Indian Ocean Expedition II (IIOE-2) which studies Indian Ocean processes and how they affect the Earth System.

SCOR supports infrastructural projects on methodological, observational, as well as data and information-related issues such as the International Ocean Carbon Coordination Project, the Global Harmful Algal Bloom, the Southern Ocean Observing System, and the effects of multistressors on the marine biota.

SCOR currently supports 19 active international working groups that are developing novel experimental designs, tools, and databases to improve our understanding physical, chemical, biogeochemical, and biological processes in the ocean.

Knowledge generated by SCOR projects and working groups is critical to develop a sustainable blue economy and achieve SDG14.

SCOR also promotes and supports networking and training activities across all ocean science disciplines through its capacity development programs, summer schools and Regional Graduate Networks of Oceanography.

SCOR has endorsed and is contributing to the International Year of Basic Sciences for Sustainable Development 2022 as improving basic science is critical to achieving the technological advances and innovation required for a more sustainable development.

SCOR will continue to strengthen and expand collaboration with its partners to contribute to the UN Decade of Ocean Science for Sustainable Development and reiterates its commitment to continue support the production of science-based knowledge and innovative solutions through oceanographic research and capacity development.