

The Intergovernmental Oceanographic Commission of UNESCO welcomes and appreciates the commitments and statements made during the *Dialogue 3 Minimizing and addressing ocean acidification, deoxygenation and ocean warming*.

Together with its partners IOC is driving the agenda on ocean science for sustainable development when it comes to ocean acidification and deoxygenation. Since 2017 significant progress has been made, but, more is needed to advance from detecting the problems of ocean acidification and deoxygenation to action on the ground.

IOC is custodian agency for the *SDG indicator 14.3.1 Average marine acidity (pH) measured at agreed suite of representative sampling stations*. The Commission is an active partner in the newly endorsed **Ocean Decade programme OARS – Ocean Acidification Research for Sustainability** - Providing society with the observational and scientific evidence needed to sustainably identify, monitor, mitigate and adapt to ocean acidification; from local to global scales. Together with the **Global Ocean Acidification Observing Network**, the IAEA and many others we are working towards obtaining the knowledge to identify the biological impact of the chemical change at global, regional and local levels, with the goal to develop locally appropriate adaptation strategies in combination with globally relevant mitigation action.

In addition, IOC continues its support to the science and observation in the field of deoxygenation. The IOC working group the **Global Ocean Oxygen Network** and its Decade Programme **Global Ocean Oxygen Decade (GOOD)** are key to advance our understanding of the impacts of decreasing oxygen in the open ocean and coastal areas. GOOD will raise global awareness about ocean deoxygenation, provide knowledge for action and develop mitigation and adaptation strategies and solutions to ensure continued provision of ecosystem services, and minimize impacts on the ocean economy through local, regional, and global efforts, including transdisciplinary research, innovative outreach, and ocean education and literacy.

Let me reiterate IOC's full commitment to continuously engage with countries in addressing these global threats with locally important impacts. We can only manage what we can measure!