

World Economic Forum picks Terradepth for Ocean Data Challenge



Terradepth, a leading provider of ocean data solutions, has been selected to participate in the World Economic Forum's (WEF) prestigious Ocean Data Challenge, a programme aimed at enhancing sustainable ocean management and building the blue economy. One of only 11 Challenge winners, Terradepth will become part of the WEF UpLink Innovation Network, including a mentoring

programme and partnering opportunities.

The WEF announced the Ocean Data Challenge winners at its 2023 Annual Meeting in Davos, Switzerland. The Challenge was created by the WEF in response to the United Nations' proclamation that 2021–2030 be a [Decade of Ocean Science for Sustainable Development](#) and its call for the creation of a global ocean data ecosystem to connect businesses, organizations and government data providers.

Ocean data collection and management innovation

The [Ocean Data Challenge](#) selected [Terradepth](#) for its innovation in scaling ocean data collection and ocean data dissemination. Terradepth is accomplishing this by developing long-endurance autonomous underwater vehicles (AUVs) that revolutionize the economics of ocean data collection and reduce its environmental impact. Additionally, as an ocean data-as-a-service (ODaaS) provider, Terradepth has spearheaded efforts to deploy low-logistics AUVs configured with multiple sensors to conduct seafloor hydrographic and geophysical surveys for a fraction of the cost of traditional surveys.

Terradepth has also developed an ocean data management solution, known as [Absolute Ocean](#) (AO). AO offers greater operational efficiencies for ocean data accessibility and is a secure, easy-to-use, cloud-native geospatial solution. AO provides high-level visualization, analysis, collaboration and management of ocean data for both internal and external project stakeholders. Available as software-as-a-service (SaaS), AO is being used for projects ranging from environmental monitoring and engineering design to offshore energy and telecommunications infrastructure inspection.

"A vital resource for initiatives like the Ocean Data Challenge, the fully integrated AO solution provides unique insight into the ocean and seafloor for stakeholders that in the past only had access to static images, as well as the ability to manage and archive ocean data in one place for enterprise-wide access and global collaboration," said Joe Wolfel, CEO of Terradepth.

As an Ocean Data Challenge participant, Terradepth will team with other winners to focus on furthering ocean knowledge to advance ocean data analytics, generate data designed to drive decisions, develop commercial uses for public or open-source data resources and build novel means of data collection.

The Challenge is managed by the WEF UpLink and Friends of Ocean Action initiatives. [UpLink](#) is an open platform created to connect change-makers and entrepreneurs with the goal of forging new approaches to the world's most pressing challenges. [Friends of Ocean Action](#) is a coalition of over 70 ocean leaders who are fast-tracking solutions to issues facing ocean ecosystems.



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