

SUT Middle East

Why Subsea Industry data matters for COP28



Nippon Foundation-GEBCO Seabed 2030 project



Tuesday 5 December 2023

1800-2030hrs GST | Mubarak Marine, Dubai

**This event is free to attend,
but booking is essential**

Book at www.sut.org | contact me@sut.org

The Nippon Foundation-GEBCO Seabed 2030 project is a global initiative to map 100% of the world's seabed by 2030.

The ocean is the heart of our planet; feeds us, regulates our climate, and generate most of the oxygen we breathe, it covers 70% of the planet and provides 97% of the worlds water resources as well as jobs, livelihoods and economic development. And yet we know comparatively little about it...

To complete the global subsea map, Seabed 2030 partner Victor Vescovo (of Five Deeps fame) estimates that it requires 185 years of ship time, and around \$2.6 billion – not impossible but a challenge. Marine robotic systems will be key to delivering the task, and with constantly improving platforms, sensors, sonars and bandwidth we can expect to see the task made a little easier in future years.

Presentations

Seabed 2030 project – Steve Hall (former CEO SUT)

Seabed 2030 is a UN Ocean Decade initiative to map 100% of the seafloor – three quarters of the global ocean floor is unmapped to modern standards, especially in the southern hemisphere, and without good maps the tasks of ocean modelling, geohazard prediction, understanding global heating and managing human use of natural resources is made more difficult, with less certainty in results and less reliable future predictions.

Seabed Survey for Coastal Resilience and Ocean Science – Fugro – Talia Sherrard, Service Line Geophysics

Recognising the importance of a wholly mapped ocean to climate change mitigation, ocean and coastal resilience and a sustainable blue economy, Fugro has been leading private-sector support for The Nippon Foundation-GEBCO Seabed 2030 Project (Seabed 2030) since its early planning stages.

What are the challenges in the Middle East? – Horizon – Abd El Aziz Ghoneim, Horizon

Regional bathymetry and sub-sea geology within the GULF and the challenges it presents to the work in the marine, offshore and subsea industry directly impacting contract risk and costs of foundations, cable & pipeline laying.

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