

# SUT/MASTS Workshop

Online Event from:  
8th October (13:30) to 9th October (12:45), 2020



## Salvage, Decommissioning and Wreck Removal

*Influence, educate and unlock opportunities: Informing global sustainability challenges*

Join us at this eighth Society for Underwater Technology (SUT) and Marine Alliance for Science and Technology for Scotland (MASTS) Salvage, Decom and Wreck Removal Workshop.

This year we are bringing together a range of international expertise across the 'Triple Helix' of industry, science and government, to build a shared understanding of the ecosystem impact of anthropogenic activity, particularly in the Arctic and Greater North Sea OSPAR area. Focus will be on shipping (including offshore vessels), oil and gas, and wind and wave energy, as actors within the same space.

Engineers, scientists, salvors, operators, regulators, NGOs, insurers, lawyers, and other users of the sea will consider sustainability taking a holistic lifetime approach. Topics include:

- Consistent Decision Making**  
Building on the recommendations of the UK Foresight Future of the Sea Report (2018), the specific issue of fragmentation across government and regulatory bodies will be addressed. Currently, there are different limitations and acceptance criteria for industries operating in same locale. OSPAR's role/responsibility in remedying this will be explored.
- Climate Change and Sustainability Challenges**  
Climate change will have an impact on the natural environment, potentially increasing risk to all sectors, including decom. and wreck removal. How do we quantify and mitigate these impacts and risks, and how do we understand our contribution to climate change? The latest academic knowledge, research and sector experience will evaluate these pressing matters.
- Simulation, Visualisation & Geo-Spatial Data**  
Reliable data that is contextually nested within time and space is essential for good decision-making. A demonstration of the advances in the remote acquisition of centrimetrically accurate, geo-located data will be shown live, with audience participation to demonstrate the power of imported digital twins and simulation in determining optimal 'Solutions Choice'.
- Impact of Explosives**  
A new impact assessment model will be unveiled, and the pros and cons of cutting options discussed, with particular focus on Unexploded Ordnance (UXOs) and ecosystem impact.

Please visit <https://hopin.to/events/masts-asm-2020> for information and registration. CPD certificates of attendance will be available from the SUT.

INSTALLATIONS / SUBSEA OIL, GAS, RENEWABLES	SHIPS WRECK REMOVAL	ARTIFICIAL REEFS +/- ECOSYSTEM IMPACT	INNOVATION TECHNOLOGY	SOCIETY ENGAGEMENT
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This dynamic, trans-disciplinary SUT MASTS Workshop brings together a wide range of expertise, from different disciplines and sectors with an interest in the marine environment, to encourage debate and discussion.

Thank you to our sponsors:



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