

Speaker Profile

Jeremy Chappell has led advanced water, maritime, and sustainability projects worldwide. He has deployed AI-driven IoT and Digital Twin pilots for lifecycle monitoring of Petronas offshore platforms and supplied high-resolution submerged monitoring systems at post-incident Fukushima. He has advised Asian governments on C4ISR maritime systems, Malaysia's JUPEM on digital maritime mapping, and consulted globally on ESG monitoring of ports and harbors. His work includes integrating widely deployed offshore hydrographic survey systems. He began his career as a research assistant at the UK Institute of Oceanographic Sciences, developing virtualized models for predictive seabed analysis.

Jeremy leads CSignum's APAC activities, focused on Continuous Water Quality Monitoring with wire-free communications through demanding mixed media, including water, air, concrete, and even ice. Based in Penang, Jeremy has a BSc in Mathematics and Computer Science from Bath University and an EMBA from the University of Texas at Dallas.