

SS012: From Roadmap to Action: Advancing Marine Carbon Dioxide Removal (mCDR) in Africa

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This special session explores Africa's growing opportunities towards leadership in marine carbon dioxide removal (mCDR), anchored by the outcomes of the "Towards an African mCDR Roadmap" workshop held in February 2025 in Dar es Salaam. Organised by the Tanzania Ocean Climate Innovation Hub and over ten partner institutions from government, academia, civil society, and regional innovation platforms. The session aims to showcase, share the outcomes and explore the possibility of scalable African-led mCDR initiatives and catalyse actionable strategies. The session will examine regional innovations in the science and society domains. These include monitoring, reporting, and verification (MRV); feasibility assessments, financing pathways including blue bonds and carbon credits; ocean governance gaps and alignment; and inclusive entrepreneurship. It will also address community co-benefits, youth engagement, and integration into Nationally Determined Contributions (NDCs) and blue economy strategies. The format will combine presentations, panel dialogue, and open-floor discussion to engage stakeholders in building implementation momentum. By bridging science, policy, and innovation, this workshop aims to foster cross-sectoral partnerships, promote knowledge exchange, and align with WIOMSA's regional focus on sustainable ocean solutions. The session aims to deliver a policy brief, identify priority pilot partnerships, and contribute to WIOMSA's leadership in facilitating Africa-wide marine climate action.