

Session Title: CO₂ Removal

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Abstract title: Coastal Blue Carbon Ecosystems: part of global portfolio to reach negative emissions

Coastal blue carbon refers to land use and management practices that increase the organic carbon stored in living plants or soils in vegetated, tidally influenced coastal ecosystems such as marshes, mangroves, seagrasses and other wetlands. These approaches refer to coastal ecosystems instead of the open ocean. An overview of recent trends in technology development, challenges, and possibility of breakthrough for efficient capture of carbon dioxide will be presented.