





## Let's talk about sea level rise

 11 June 2025 – 10:30 am - 1:30 pm CEST

 Inspire Area – European Digital Ocean Pavilion

 United Nations Ocean Conference 2025

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### Abstract

## Sea level rise from the cryosphere

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The OCEAN ICE project assesses the impacts of key Antarctic Ice Sheet and Southern Ocean processes on Planet Earth, via their influence on sea level rise, deep water formation, ocean circulation and climate.

One of OCEAN ICE objectives is to deliver free and open access to all data obtained in the project and contribute to international assessments (e.g., IPCC), climate model development, multi-national ocean observing initiatives (e.g., SOOS, All-Atlantic Ocean Research Alliance) and policymakers. Data consolidation and delivery will be achieved through close integration with SOOS, EMODnet and Copernicus data delivery services and will follow FAIR principles and be INSPIRE compliant. It is important for OCEAN ICE project to gain visibility into the INSPIRE area because this will lead to more robust collaborations among researchers, stakeholders, and policymakers and better use of shared resources to adapt and mitigate the changes on global climate.

