Monday, 4 March 2024

Ocean detectives return with climate clues

The longest science voyage by CSIRO research vessel RV has returned to Australia with one of the most comprehensive datasets ever collected in the SouAuss

New observations that extend longest record of deep ocean change south of Australia

New observations that allow the tracking of how much carbon dioxide the Southern Ocean is removing from the atmosphere and storing in the deep ocean

An array of novel deep floats deployed, delivering snapshots of ocean conditions every ten days, from the sea surface to the sea floor

First experiments analysing both the air and water within special onboard <u>incubation</u> <u>tanks</u> to measure how the composition and health of marine biota affect the emission of cloud-seeding gases.

Dr Rintoul said that to meet the challenges of a changing climate, we need to know what lies ahead.(r)-f1 0081 0 9532 81.92 reWBTF2 12 Tf1 0 0 1 10502 Tf1 0 0 1 10502 Tf1 0 0 1 105021 G81...