



Special Seminar presented by

Dr. Rosalind Coggon

National Oceanography Centre, University of Southampton, UK

Thursday, April 7, 2022

16:00-16:50 (JST), 9:00-9:50 (CET), 8:00-8:50 (BST)

Zoom online : Registration [here](#)

Drilling Transects to Explore the Interconnected Earth

Dr. Rosalind Coggon, the 2021 AGU-JpGU Taira Prize winner, is Royal Society University Research Fellow within Ocean and Earth Science, National Oceanography Centre Southampton at the University of Southampton. Her research focuses on the role of fluids in the formation and evolution of the ocean crust, with a particular emphasis on quantifying the thermally driven chemical exchanges between the aging ocean crust and the overlying oceans and their influence on global geochemical cycles. She first sailed on a scientific ocean drilling expedition as a Phd student, and is now co-chief scientist of IODP Expedition 390/393 (The South Atlantic Transect) which will recover complete sediment sections and upper ocean crust along a crustal flow-line across the western flank of the Mid-Atlantic Ridge (7-61 Ma), to investigate a diverse range of interconnected Earth system processes.

[J-DESC Youtube channel: Archive](#)