

Session A12 Big Ocean Data Promotes Sustainable Development

Time: 13:30-15:00, 8th September

Room: 305D

Co-Chairs

LI Xiaofeng, Institute of Oceanology Chinese Academy of Sciences, China

WANG Fan, Institute of Oceanology Chinese Academy of Sciences, China

A daily reconstructed chlorophyll-a dataset in the South china Sea from MODIS using 0l-swinUnet

TANG Shilin (South China Sea Institute of Oceanology, Chinese Academy of Sciences, China)

Satellite monitoring of tropical cyclones using deep learning

XU Qing (Ocean University of China, China)

Global Drivers, Mapping, and Ecological Risks of Marine Microplastics

HUANG Baoxiang (Qingdao University, China)

Quantifying the Ocean Heat Content Uncertainty with an Observation Large Ensemble

YUAN Huifeng (Computer Network Information Center, Chinese Academy of Sciences, China)

Machine learning techniques promote the study of internal solitary waves

ZHANG Xudong (Institute of Oceanology Chinese Academy of Sciences, China)

Physics-Guided Deep Learning for Global Sea Surface Temperature Prediction: Balancing short-Term

DONG Shiji (Ocean university of China, China)
