

**UN Decade of Ocean Science for Sustainable Development (2021-2030)
Regional Kickoff Conference for the Western Pacific and its Adjacent Areas
25-26 November 2021, online**

PROGRAM

DECADE ACTION INCUBATOR 15:

Enhance coastal resilience and adaptation: Observe and predict coastal inundation and erosion

Friday 26 November 2021, 1300-1500 (UTC+7, Bangkok time)

Registration

Convener: Dong-Young Lee, Ocean University of China & Korea Institute of Ocean Science and Technology

1300-1305 **Opening Address**, *Huajun Li, Ocean University of China, China*

PART I: Presentation

1305-1320 From global coverage to local relevance: extreme sea level, coastal inundation, coastal erosion and early warning at Deltares
Kun Yan, Deltares, Netherland

1320-1330 Nearshore Bathymetry Monitoring using Ground Video and X-band Radar for the Operational Coastal Inundation and Erosion Hazard Prediction
Jeseon Yoo, Korea Institute of Ocean Science and Technology, Republic of Korea

1330-1340 Present status of the Coastal Erosion Hazard and its counter-measure in Thailand
Sakanan Plathong, Prince of Songkla University, Thailand

1340-1355 Operational Forecast of the Coastal Inundation Around the Guangdong-Hong Kong-Macao Greater Bay Area Using SYCIM Model System"
Danya Xu, Sun Yet-Sen University, China

1355-1410 Limitations of the Conventional Monitoring and Prediction of Coastal Inundation and Erosion and How to Overcome these Limitations
Dong-Young Lee, Ocean University of China, China

1410-1420 Conservation and Revitalisation of Natural and Cultural Resources
Yipintsoi Klaomard, Office of Mrigadayavan, Thailand

1420-1430 Coastal Inundation and Erosion Research to tackle UN Ocean Decade Challenges
Bingchen Liang, Ocean University of China, China

PART II: Discussion

14:30-15:00 **Discussion Session**
Discussion on Co-design of the International Cooperation Research on Coastal Inundation and Erosion Hazard