International Webinars on

Advancing Remote Sensing Applications for
the Sustainable Development of Ocean, Marine and Coastal Resources

Webinar Series | Week 1
Date: Tue 22nd November 2022
Time: 9:00–11:00 AM (GMT+7)

Zoom Registration



NOAA's Coral Reef Watch: Three decades of providing decision support tools for coral reef management in a warming world

Dr. Derek Manzello
NOAA Center for Weather and Climate Prediction (USA)



Aquaculture management in an enclosed inner bay along the Sanriku coast after the Great East Japan Earthquake using remote sensing: The case of Shizugawa Bay

Dr. Teruhisa Komatsu
Japan Fisheries Resources Conservation Association (Japan)



Operational coastal habitat mapping using satellite imagery in Japan

Dr. Tatsuyuki Sagawa
Tottori University of Environmental Studies (Japan)

International Webinars on

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the Sustainable Development of Ocean, Marine and Coastal Resources

Webinar Series | Week 2
Date: Tue 29th November 2022
Time: 9:00–11:00 AM (GMT+7)

Zoom Registration



Remote sensing and machine learning techniques for mangrove and coral reef mapping

Dr. Werapong Koedsin
Prince of Songkla University (Thailand)



Multi-scale remote sensing for monitoring and conservation of microatolls and shallow waters habitat of small islands, Spermonde Archipelago, Indonesia

Dr. Nurjannah Nurdin
Hasanuddin University (Indonesia)



Long-term coastal wetland mapping using remote sensing and machine learning

Dr. Wenting Cao
State Key Laboratory of Satellite Ocean Environment Dynamics (China)

International Webinars on

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the Sustainable Development of Ocean, Marine and Coastal Resources

Webinar Series | Week 3
Date: Tue 6th December 2022
Time: 9:00–11:00 AM (GMT+7)

Zoom Registration



Ocean color remote sensing data for the climate variability impacts on the marine ecosystem

Dr. Myung-Sook Park
Korea Institute of Ocean Science and Technology (Republic of Korea)



Remote sensing monitoring and application of coastal zone ecological protection and restoration

Dr. Huaguo Zhang
State Key Laboratory of Satellite Ocean Environment Dynamics (China)



Estimating water quality metrics, eddies, and shoreline change in the Bay of Bengal utilizing satellite remote sensing applications

Dr. K M Azam Chowdhury
University of Dhaka (Bangladesh)

International Webinars on

Advancing Remote Sensing Applications for
the Sustainable Development of Ocean, Marine and Coastal Resources

Webinar Series | Week 4
Date: Tue 13th December 2022
Time: 9:00–11:00 AM (GMT+7)

Zoom Registration



Monitoring and assessment of Manila Bay water quality from space

Dr. Ariel Blanco
University of the Philippines (Philippines)



Surface circulation in the Gulf of Thailand from remotely sensed observations: seasonal and interannual timescales

Dr. Arachaporn Anutaliya
Burapha University (Thailand)

International Webinars on

Advancing Remote Sensing Applications for
the Sustainable Development of Ocean, Marine and Coastal Resources

Webinar Series | Week 5
Date: Tue 20th December 2022
Time: 9:00–11:00 AM (GMT+7)

Zoom Registration



Application of satellite-derived chlorophyll-a to coastal eutrophication assessment

Dr. Elígio de Raús Maúr
Northwest Pacific Region Environmental Cooperation Center (Japan)



Satellite detection of seagrass distribution in Nanao Bay with Seagrass Mapper, an open tool for seagrass mapping using cloud computing on Google Earth Engine

Dr. Genki Terauchi
Northwest Pacific Region Environmental Cooperation Center (Japan)



Current limitations and challenges for improving remotely sensed essential ocean and climate variables in the tropical Indo-Pacific region

Dr. Tachanat Bhatrasataponkul
Burapha University (Thailand)