

Program

SESSION 1: COASTAL BLUE CARBON: MEASUREMENTS, MODELING, AND ASSESSMENT

- Wed 24 Nov. UTC 06:00-09:15 [Click to find your local time](#)
- Moderator **Jianwu Tang**
- 06:00 - 06:05 [Welcome and Introduction](#)
- Keynote speech
- 06:05 - 06:35 **Xiaowei Li** [S1-1]
Valuation of wetland ecosystem services in national nature reserves in China's coastal zones
- Oral presentations
- 06:35 - 06:50 **Susana Lincoln** [S1-2]
Carbon stocks of seagrass meadows in Vanuatu, South Pacific
- 06:50 - 07:05 **Mohammad Rozaimi** [S1-3]
Insights into blue carbon storage and ecosystem connectivity from studies of the seagrass meadows in Sungai Pulai estuary (Johor, Malaysia)
- 07:05 - 07:20 **Vincent Saderne** [S1-4]
Total alkalinity production in a mangrove ecosystem reveals an overlooked Blue Carbon component
- 07:20 - 07:35 **A'an Johan Wahyudi** [S1-5]
Carbon offset potential from tropical seagrass conservation in Indonesia
- 07:35 - 07:45 [Break](#)
- 07:45 - 08:00 **Xiaoguang Ouyang** [S1-6]
Mangrove respiration is coupled with carbon and nitrogen uptake in the microphytobenthos of mangrove sediments
- 08:00 - 08:15 **Nirupama Saini** [S1-7]
Exploring the seasonal variabilities of carbonate chemistry parameters in a mangrove ecosystem of the Northern Indian Ocean
- 08:15 - 08:30 **Anisah Jessica Lee** [S1-8]
Spatio-temporal analysis of local scale seagrass of MiddleBank in the northern Straits of Malacca
- Speed-Talk presentations
- 08:30 - 08:33 **Laetitia Allais** [S1-9]
Investigation of geochemical, biological, and physical controls on the carbon storage capacity in Hong Kong coastal wetlands
- 08:33 - 08:36 **Jianqu Chen** [S1-10]
Estimation of seaweed biomass in the intertidal zone of GouQi Island based on multispectral UAV
- 08:36 - 08:39 **Jenny Choo** [S1-11]
Study of DOC, DIC and its $\delta^{13}\text{C}$ drivers from tropical peat-draining rivers: Implications on blue carbon loss
- 08:39 - 08:42 **Xunmeng Li** [S1-12]
A new method for studying the patterns of macroalgae communities in the intertidal zone: power law model
- 08:42 - 08:45 **Gao Qin** [S1-13]
Organic carbon burial records since the Late Pleiocene in Hangzhou Bay, China
- 08:45 - 08:48 **Zhiyao Xiong** [S1-14]
A new method of estimating carbon sequestration and biological pump efficiency in coastal waters
- 08:48 - 09:15 [Discussion & Session 1 Wrap up](#)