

博士論文公聴会

PUBLIC HEARING OF DOCTORAL DISSERTATION



Microalgal communities on mangrove forest sediments of East Java, Indonesia

インドネシア東ジャワのマングローブ林底泥に生息する微細藻コミュニティ

Abstract:

Mangrove forest is one of coastal ecosystems that rich in biodiversity. In this ecosystem, benthic or epiphytic microalgae (microphytobenthos/MPB) have been regarded as the second largest carbon stocks after the litterfall of mangrove trees; however, there has been scanty knowledge about MPB flora especially in Indonesia, a country that covers 23% of the global mangrove areas. MPB were primarily composed of diatoms, while other algal taxa occasionally occur in specific area or season. Actually, during survey of this study, a harmful alga *Chattonella* was found on the mangrove sediments. This study aiming to investigate MPB compositions that are expected to be indices of mangrove forest' fertility and reported for the first time an occurrence of HAB species on the mangrove sediments.



Tuesday, July 21st, 2020



13:00 ~ 14:00 JST

Venue (場所):

Lecture room C316

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