

第69回森林生態系機能コロキウムは、3名の研究者にご講演いただきます。どなたでも参加できますので、多くの皆様のご参加をお 待ちしております。京都大学農学研究科熱帯環境学研究室がホストを務めます。

69th FEFCO 2024/7/2 16:30 - 18:30 Faculty of Agriculture Main Building, W306 & ZOOM

16:30-17:00



Żoom form for registration

Speaker1: Dr. Yayoi Takeuchi (NIES, Japan) Title: Introduction to the Bilateral Collaborative Research Using the Permanent Sample Plots in Anap-Muput Forest Management Unit 17:00-17:30 Speaker2: Ling Chea Yiing (Research Officer, Forest Department Sarawak, Malaysia) Title: Effects of Years After Logging on Tree Species Diversity and Wood Density Class Abundance in Logged-over Forests of Sarawak 17:30-18:00 Speaker3: Bibian Diway (Executive Forester,

Forest Department Sarawak, Malaysia) Title: Tree Biomass and Species diversity assessment in Sarawak : Land use patterns and Forest Management Implication

The state of Sarawak, a leading state in Malaysia, is endowed with extensive forest resources, accounting for approximately 60% of its land area. However, a history of intensive logging has altered the forest structure, impacting species composition and stem density. These changes necessitate a reassessment of forest conditions and the projection of future volumes for sustainable forest management, with a focus on timber stock, quality, and species diversity. A collaborative research project between the Forest Department Sarawak and NIES was initiated at the end of last year to develop a methodological framework for forest structure analysis and volume modeling, leveraging UAV-derived metrics combined with data from permanent sampling plots (PSPs). This effort aligns with Sarawak's commitment to sustainable forest resource management. In this seminar, Yayoi Takeuchi will first explain the background of this collaborative project between Sarawak and Japan on sustainable forest management in Sarawak. Then, Ling Chea Yiing will present the status of species diversity and recovery in logged-over forests based on field observation, with a particular focus on wood density classes. Finally, Bibian Diway will present findings on biomass and species diversity across dominant land use types and discuss the roles of land use in terms of biomass and species diversity. These results demonstrate that logged-over forests have a significant contribution to species diversity and biomass, which could be included in management and conservation practices on a regional scale.

Forest Ecosystem Function Colloquium 京都大学・森林生態系機能コロキウム

