

平成30年度 総合分析実験センターセミナー

— 第5回 —

日時：平成30年7月30日（月曜日） 18:00～

場所：佐賀大学農学部1号館1階第2講義室

演者：Dr. Mie Mie Kyaw, Senior lecturer, Department of Zoology, University of Mandalay, Myanmar

演題：Ecological assessment of the contaminants, fishery resources and socio economic development

要旨：Environmental contaminants mainly affect ecological food web, biological richness, aquatic life especially fish species diversity as well as the socioeconomic condition of local indigenous people. It is necessary to implement effective assessments on environmental contaminants in order to reduce its negative effects on the food web, biological production and well-being of the indigenous group especially in the developmental hydropower projects which is a vital role in the implementation of electricity source in Myanmar. Similarly, it is important to understand as well as identify the main sources and types of environmental contaminants and its effect on aquatic life. Regarding the ecological point of view; water quality and environmental deteriorations directly affect fishery population and its diversity. An efficient adaptive safeguard management approach to biological conservation, fisheries sector, livelihoods of indigenous people, conservation on regional riverine resources regarding (1) the identification of the primary environmental contaminants and their effects, (2) the monitoring of physico-chemical indicators, (3) the measurement of biological indicators such as macroinvertebrate and fish diversity, (4) the observation of development of analytical technique, and effective tool of ecosystem-based management of fishery resources & biological processes, and socioeconomic surveys regularly. Therefore, pollution control management and water resource conservation system can be directly improved fisheries sector and sustainability of indigenous livelihoods with all stakeholders inclusively for community development.

連絡先（世話人）：永野 幸生（本庄生物資源開発部門，内線：本庄 8898）