

第 18 回 水圏生物生産学セミナー
Special Seminar

Testing simple environmental biomonitoring tools suitable for developing countries

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Baybay City, Philippines**

Tuesday, 6th of September, 2016, at 16:00
Room C201, Graduate School of Biosphere Science, Hiroshima University

The degradation of aquatic ecosystems continues relentlessly due to increasing human activities. This is most seriously felt in many developing countries where a significant portion of the human population relies on the exploitation of aquatic resources. However, the assessment of its environmental impact often requires sophisticated technology unavailable to those in developing countries. This presentation explores a simple bioassay protocol based on the cytotoxicity and embryotoxicity of common marine invertebrates using the resazurin reduction test (RRT).

The invited speaker teaches and conducts research in marine biology at the Department of Biological Sciences of the Visayas State University (one of the MOU universities of the Graduate School of Biosphere Science, Hiroshima University). He is currently pursuing graduate studies at the Marine Science Institute of the University of the Philippines Diliman under a scholarship grant awarded by the Philippine Commission on Higher Education. His research interests include cell and molecular biology, environmental biomonitoring and marine microbiology. He is also interested in the conservation of large marine vertebrates and ecotourism impacts on the marine environment.

Further information about the seminar may be obtained by contacting

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