

自動魚体回収装置の開発とメコンオオナマズの回収実験

山岸祐希子*¹, 荒井修亮*¹, 光永 靖*², 三田村啓理*¹, Thavee Viputhanumas*³

Abstract

In order to recover both data loggers and stomach contents of fishes, a new device, automatic fish recapture system (AFR system) was developed. The system can force to surface a free swimming fish at a preset time. We carried out two recapturing experiments on Mekong giant catfish in the Mae peum reservoir, Phayao, Thailand and successfully recovered one catfish and attached data loggers. Furthermore, we obtained data showed vertical movement and stomach contents as well as the AFR system.