

## Documenting Lake Fishing Practices as Basis for Educational Outreach Material with Science Education

Abstract—In the Province of Camarines Sur, Philippines, the Bato Lake, lake fishing is a community practice and is considered a major activity for sustaining living. This study seeks to document the existing fishing practices done by fishermen, design an educational outreach material with science education, and design an educational outreach material dissemination plan for locals. Data were gathered from informant interviews and on-site observation of local fishing practices. The fishing practices were culturing of tilapia using fish cages, installation of “ladlad,” compiling of cut trunks of trees locally called “pagtambon,” installation of “bobo,” electric fishing, “pagsarok,” “pagbaklad” and “pagtapsaw”. An educational outreach material was developed to promote the preservation of the lake containing physics, earth science, and environmental science concepts, and an “Orientation-Seminar” was designed as an educational outreach material dissemination plan.

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