

**PENGEMBANGAN SUPLEMEN BAHAN AJAR MATERI PELESTARIAN
LINGKUNGAN HIDUP BERDASARKAN KEARIFAN LOKAL
MASYARAKAT DESA SONGAN B UNTUK PESERTA DIDIK KELAS X
SMAS LABORATORIUM UNDIKSHA**

Oleh

I Kadek Alit Wirawan, NIM 1613041008

Jurusan Biologi dan Perikanan Kelautan

ABSTRAK

Penelitian ini bertujuan untuk mengetahui (1) tingkat kelayakan, (2) tingkat keterbacaan dan (3) efektivitas suplemen bahan ajar materi pelestarian lingkungan berdasarkan kearifan lokal masyarakat Desa Songan B untuk peserta didik Kelas X SMAS Laboratorium Undiksha. Jenis penelitian ini yaitu terdiri dari penelitian eksploratif dan penelitian pengembangan. Penelitian eksploratif dilakukan di Desa Songan B, Kintamani, Bangli. Populasi dalam penelitian eksploratif yaitu masyarakat Desa Songan B. Sampel yang digunakan dalam penelitian eksploratif dipilih secara *purposive sampling* sejumlah 18 masyarakat Desa Songan B. Penelitian pengembangan dilakukan di SMAS Laboratorium Undiksha. Subjek dalam penelitian pengembangan yaitu 2 Dosen Jurusan Biologi dan Perikanan Kelautan terkait uji kelayakan produk, 1 Guru Biologi dan 9 peserta didik Kelas X MIA 1 SMAS Laboratorium Undiksha terkait uji keterbacaan produk serta 26 peserta didik Kelas X MIA 1 SMAS Laboratorium Undiksha terkait uji efektivitas produk. Prosedur penelitian eksploratif menggunakan metode wawancara. Penelitian pengembangan menggunakan model pengembangan ADDIE (*Analyze, Design, Development, Implementation Evaluation*). Analisis data dilakukan secara deskriptif kualitatif dan deskriptif kuantitatif. Hasil penelitian menunjukkan (1) produk dinyatakan layak dengan tingkat kelayakan 75% dari ahli materi dan 95.19% dari ahli media, (2) tingkat keterbacaan suplemen bahan ajar yang dikembangkan dikategorikan sangat tinggi dengan respon Guru sebesar 85% dan respon peserta didik sebesar 90.1% dan (3) efektivitas suplemen bahan ajar yang dikembangkan termasuk kedalam kategori baik dengan ketuntasan klasikal peserta didik mencapai 73.07%. Hal ini menunjukkan bahwa suplemen bahan ajar yang dikembangkan berdasarkan kearifan lokal masyarakat Desa Songan B dapat digunakan dalam proses pembelajaran.

Kata-kata kunci: Suplemen bahan ajar, kearifan lokal masyarakat, pelestarian lingkungan hidup.

**DEVELOPMENT OF TEACHING MATERIAL SUPPLEMENTS
FOR LIVING ENVIRONMENTAL MATERIALS BASED ON LOCAL
CULTURE OF SONGAN B VILLAGE FOR STUDENTS IN CLASS X
SMAS LABORATORIUM UNDIKSHA**

By

I Kadek Alit Wirawan

Department of Biology and Marine Fisheries

ABSTRACT

This study aims to determine (1) the level of eligibility, (2) the level of readability and (3) the effectiveness of supplement teaching materials on environmental preservation based on local wisdom of the Songan B Village community for students of Class X SMAS Laboratorium Undiksha. This type of research is comprised of exploratory research and development research. Explorative research was carried out in Songan B Village, Kintamani, Bangli. The population in explorative research is the people of Songan Village B. Sample of the explorative study was selected by purposive sampling of 18 people of Songan Village B. The research development was carried out at the SMAS Laboratorium Undiksha. Subjects in development research are 2 Lecturers of Biology and Marine Fisheries related to product feasibility testing, 1 Biology teacher and 9 students of Class X MIA 1 SMAS Laboratorium Undiksha related to product readability test and 26 students of Class X MIA 1 SMAS Laboratorium Undiksha related to product effectiveness test . Explorative research procedures using the interview method. Development research uses the ADDIE development model (Analyze, Design, Development, Implementation and Evaluation). Data analysis was performed descriptively qualitative and quantitative descriptive. The results showed (1) the product was declared to be feasible with a feasibility level of 75% from material experts and 95.19% from media experts, (2) the readability level of teaching material supplements developed was categorized very high with a Teacher response of 85% and a student response of 90.1% and (3) the effectiveness of the teaching material supplement developed included in the good category with the classical completeness of the students reaching 73.07%. This shows that teaching material supplements developed based on local wisdom of the Songan B Village community can be used in the learning process.

Keywords: Supplement teaching materials, local culture of the community, environmental preservation.