

ABSTRAK

Widiarta, I Wayan (2026). Pengembangan Bahan Ajar Digital Berorientasi *Danu Kerthi Loka* Bali Terhadap Sikap Peduli Lingkungan Pada Pembelajaran IPAS Siswa Kelas V Sekolah Dasar. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

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Penelitian ini bertujuan mengembangkan bahan ajar digital berorientasi *Danu Kerthi Loka* Bali guna meningkatkan sikap peduli lingkungan pada siswa kelas V sekolah dasar dalam pembelajaran IPAS. Latar belakang pengembangan berangkat dari pentingnya integrasi kearifan lokal Bali, khususnya *Danu Kerthi Loka* Bali, sebagai upaya menanamkan pemahaman pelestarian air dan lingkungan melalui bahan ajar kontekstual, menarik, serta dekat dengan kehidupan siswa. Metode Research and Development (R&D) digunakan dengan model ADDIE meliputi tahap analisis, desain, pengembangan, implementasi, dan evaluasi. Penelitian dilaksanakan di Gugus Letkol Wisnu dan SDN 12 Peguyangan. Siswa kelas V, guru kelas, serta ahli media dan materi dilibatkan sebagai subjek. Pengumpulan data dilakukan melalui validasi ahli, angket kepraktisan, serta tes pretest–posttest untuk mengukur efektivitas. Instrumen mencakup lembar validasi, lembar kepraktisan guru dan siswa, serta tes sikap peduli lingkungan dengan uji validitas dan reliabilitas. Analisis data dilakukan melalui pendekatan deskriptif kuantitatif, uji prasyarat, ANCOVA, serta perhitungan N-Gain. Produk bahan ajar digital dihasilkan melalui tahapan ADDIE dan dinilai sesuai karakteristik siswa kelas V serta capaian pembelajaran IPAS. Validitas produk dinyatakan sangat tinggi berdasarkan penilaian ahli. Kepraktisan juga dinilai sangat baik oleh guru dan siswa. Efektivitas penggunaan media terlihat melalui hasil ANCOVA dan N-Gain, sehingga peningkatan sikap peduli lingkungan pada siswa dapat dibuktikan..

Kata-kata kunci: Bahan Ajar Digital, *Danu Kerthi Loka* Bali, IPAS, Peduli Lingkungan, Sekolah Dasar

ABSTRACT

Widiarta, I Wayan (2026). Development of Danu Kerthi Loka Bali Oriented Digital Teaching Materials on Environmental Care Attitudes in IPAS Learning for Fifth-Grade Elementary School Students. Thesis, Elementary Education, Graduate Program, Ganesha University of Education.

*This thesis has been approved and reviewed by **Supervisor I:** Dr. I Made Citra Wibawa, S.Pd., M.Pd. **Supervisor II:** Prof. Dr. Ketut Suma, M.S.*

This study was conducted to develop digital teaching materials oriented toward Danu Kerthi Loka Bali in order to strengthen environmental care attitudes among fifth-grade elementary students in IPAS learning. The initiative was driven by the urgency of integrating Balinese local wisdom, particularly Danu Kerthi Loka Bali, as a way to foster awareness of water conservation and environmental sustainability through contextual, engaging, and relatable learning resources. A Research and Development (R&D) approach was applied using the ADDIE model, covering analysis, design, development, implementation, and evaluation. The research took place at Gugus Letkol Wisnu and Public Elementary School 12 Peguyangan. Fifth-grade students, classroom teachers, and expert validators in media and subject matter were involved. Data were gathered through expert validation, practicality questionnaires, and pretest–posttest assessments to examine effectiveness. Instruments included expert validation sheets, teacher and student practicality questionnaires, and an environmental care attitude test, all verified for validity and reliability. Data analysis employed descriptive quantitative techniques, prerequisite tests, ANCOVA, and N-Gain calculations. The development process produced a digital teaching material aligned with Grade V IPAS learning and student characteristics. Expert evaluation categorized the product as highly valid. Practicality testing indicated strong usability from both teachers and students. Effectiveness testing through ANCOVA and N-Gain confirmed that the digital teaching material successfully improved students' environmental care attitudes.

Keywords: *Digital Teaching Materials, Danu Kerthi Loka Bali, IPAS, Environmental Care Attitudes, Elementary School*