

Namimatus Zahroh. 2026. *Pengembangan Majalah Konteks Pantai Tlangoh pada Materi Ekologi dan Keanekaragaman Hayati Indonesia untuk Meningkatkan Literasi Sains*. Skripsi. Program Studi Pendidikan IPA. Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Yamin.

### ABSTRAK

Majalah konteks Pantai Tlangoh merupakan inovasi bahan ajar untuk menjadikan pembelajaran lebih menarik, efektif, dan dapat meningkatkan literasi sains peserta didik. Tujuan penelitian ini adalah untuk mengetahui kevalidan, keterbacaan, respons peserta didik dan peningkatan literasi sains peserta didik terhadap majalah konteks Pantai Tlangoh yang dikembangkan. Penelitian ini merupakan penelitian *Research & Development* (R&D) dengan model ADDIE (*Analysis, Design, Development, Implementation, and Evaluation*). Penelitian dilakukan di SMP Negeri 1 Tanjung Bumi. Subjek penelitian pada uji coba perorangan sebanyak 3 peserta didik kelas VIII-C, uji coba kelompok kecil sebanyak 10 peserta didik kelas VIII-C, dan implementasi sebanyak 30 peserta didik kelas VII-A. Hasil penelitian menunjukkan bahwa (1) Hasil validasi ahli media sebesar 89,42% dengan kriteria sangat valid dan validasi ahli materi sebesar 87,50% dengan kriteria sangat valid, (2) Keterbacaan peserta didik terhadap majalah mendapatkan kriteria sangat baik dengan persentase sebesar 90,35% (3) Respons peserta didik terhadap majalah mendapatkan kriteria sangat baik dengan persentase sebesar 92,00%, (4) Literasi sains peserta didik mengalami peningkatan dengan nilai *N-Gain* 0,52 dengan kriteria sedang. Simpulan pada penelitian ini yaitu majalah konteks Pantai Tlangoh valid untuk digunakan, memiliki keterbacaan dan respons peserta didik yang sangat baik serta dapat meningkatkan literasi sains peserta didik.

**Kata Kunci:** Ekologi dan Keanekaragaman Hayati Indonesia, Literasi Sains, Majalah, Pantai Tlangoh.

Namimatus Zahroh. 2026. *Development of the Tlangoh Beach Context Magazine on Indonesian Ecology and Biodiversity Material to Improve Scientific Literacy*. Thesis. Science Education Study Program, Faculty of Teacher Training and Education, Trunodjoyo University of Madura. Advisor: Yamin.

### **ABSTRACT**

*The Tlangoh Beach context magazine is an innovative teaching material designed to make learning more interest and effective, to improve students' scientific literacy. The purpose of this study determined the validity, readability, student's responses, and improvement of students' scientific literacy skills through the developed Tlangoh Beach context magazine. This study employed a Research and Development (R&D) method using the ADDIE model, which consists of Analysis, Design, Development, Implementation, and Evaluation. The research was conducted at SMP Negeri 1 Tanjung Bumi. The subjects of the individual trial consisted of 3 students from class VIII-C, while the small group trial involved 10 students from class VIII-C, and the implementation stage involved 30 students from class VII-A. The results of the study showed that: (1) the media expert validation score reached 89.42%, which was categorized as very valid, while the material expert validation score reached 87.50%, also categorized as very valid; (2) the students' readability assessment of the magazine obtained a score of 90.35%, categorized as very good; (3) the students' responses to the magazine obtained a score of 92.00%, categorized as very good; and (4) students' scientific literacy improved, indicated by an N-Gain score of 0.52 in the medium criteria. The conclusion, the Tlangoh Beach context magazine is valid for use, has excellent readability and positive student responses, and is effective in improving students' scientific literacy.*

**Keywords:** *Ecology and Indonesian Biodiversity, Magazine, Scientific Literacy, Tlangoh Beach.*