

ABSTRAK

Anggi Natasya, NIM 4193341023 (2023), Pengembangan Buku Digital Tentang Pencemaran Mikroplastik Pada Ikan Untuk Mahasiswa Biologi Universitas Negeri Medan

Penelitian ini bertujuan untuk mengetahui hasil penilaian dan tanggapan validator ahli materi dan ahli media terhadap kelayakan buku digital tentang pencemaran mikroplastik pada ikan, mengetahui penilaian dosen pengampu matakuliah dan respon mahasiswa biologi terhadap buku digital tentang pencemaran mikroplastik pada ikan. Penelitian ini menggunakan model pengembangan 4D yaitu Define, Design, Development dan Disseminate oleh Thiagarajan akan tetapi penelitian ini dibatasi sampai tahap Development. Kelayakan buku digital dilihat berdasarkan hasil penilaian 1 validator ahli materi, 1 validator ahli media, 1 penilaian dosen pengampu matakuliah toksikologi dan tanggapan 20 orang mahasiswa biologi yang menjadi sampel penelitian ini, instrument yang digunakan adalah angket yang berupa instrument penilaian terhadap kelayakan buku. Hasil penilaian buku digital tentang pencemaran mikroplastik pada ikan layak untuk digunakan oleh mahasiswa biologi berdasarkan penilaian ahli materi 85,08%, ahli media 100%, dosen pengampu 84,91% dan tanggapan mahasiswa 84,71%.

Kata Kunci : Pengembangan, Buku Digital, Pencemaran Mikroplastik Pada Ikan



ABSTRACT

Anggi Natasya, NIM 4193341023 (2023), Development of a Digital Book About Microplastic Pollution in Fish for Biology Students, Medan State University

This study aims to determine the results of the assessment and responses of material expert validators and media experts on the feasibility of digital books about microplastic pollution in fish, to find out the assessment of lecturers who teach the course and the responses of biology students to digital books about microplastic pollution in fish. This research uses a 4D development model namely Define, Design, Development and Disseminate by Thiagarajan, but this research is limited to the Development stage. The eligibility of digital books was seen based on the results of the assessment of 1 material expert validator, 1 media expert validator, 1 assessment of a toxicology lecturer and the responses of 20 biology students who were the sample of this study. The instrument used was a questionnaire in the form of an assessment instrument on the eligibility of books. The results of the assessment of digital books about microplastic pollution in fish are suitable for use by biology students based on the assessment of material experts 85.08%, media experts 100%, lecturers 84.91% and student responses 84.71%.

Keywords: Development, Digital Books, Microplastic Pollution in Fish.

