

ABSTRAK

IRENA NURPADILAH. 222170003. **Perancangan Media Pembelajaran Geografi Berbasis *Website* Interaktif Geolecta Pada Mata Pelajaran Geografi Materi Fenomena Litosfer (Studi di Kelas X SMA Negeri 1 Kota Tasikmalaya).** Jurusan Pendidikan Geografi. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Siliwangi. Tasikmalaya.

Penelitian ini dilatarbelakangi oleh kebutuhan akan media pembelajaran yang interaktif dan berbasis teknologi dalam pembelajaran materi Geografi, khususnya pada materi fenomena litosfer kelas X SMA. Pembelajaran yang masih didominasi metode konvensional menyebabkan konsep-konsep abstrak seperti struktur bumi, siklus batuan, dan dinamika litosfer kurang optimal dipahami oleh peserta didik. Oleh karena itu, penelitian ini bertujuan untuk mengembangkan media pembelajaran berbasis website interaktif bernama Geolecta serta mengetahui tingkat kelayakan dan respons peserta didik. Metode penelitian yang digunakan adalah metode R&D Alessi & Trollip dengan model pengembangan sistem Waterfall. Subjek penelitian adalah peserta didik kelas X-9 SMA Negeri 1 Kota Tasikmalaya sebanyak 36 peserta didik. Teknik pengumpulan data dilakukan melalui observasi, wawancara, angket analisis kebutuhan, validasi ahli materi dan ahli media, serta angket respons peserta didik. Instrumen penelitian menggunakan skala Likert. Hasil penelitian menunjukkan bahwa media pembelajaran berbasis website Geolecta dinyatakan sangat layak berdasarkan hasil validasi ahli media dengan persentase 83% dan validasi ahli materi sebesar 94,67%. Respons peserta didik terhadap penggunaan media memperoleh persentase sebesar 83,87% dengan kategori sangat layak, serta penilaian guru mata pelajaran sebesar 100%. Hasil menunjukkan bahwa website Geolecta efektif digunakan dalam pembelajaran karena mampu meningkatkan keterlibatan, motivasi, serta pemahaman peserta didik terhadap materi fenomena litosfer. Berdasarkan hasil penelitian dapat disimpulkan bahwa media pembelajaran berbasis website interaktif Geolecta layak dan efektif digunakan sebagai alternatif media pembelajaran.

Kata kunci: media pembelajaran, website interaktif, pengembangan R&D

ABSTRACT

IRENA NURPADILAH. 222170003. *Design of Geography Learning Media Based on the Geolecta Interactive Website in Geography Subjects on the Lithosphere Phenomenon (Study in Class X of SMA Negeri 1 Kota Tasikmalaya)*. Department of Geography Education. Faculty of Teacher Training and Education. Siliwangi University. Tasikmalaya.

This research is motivated by the need for interactive and technology-based learning media in Geography learning, especially on the material of lithosphere phenomena for class X of Senior High School. Learning that is still dominated by conventional methods causes abstract concepts such as the structure of the earth, the rock cycle, and the dynamics of the lithosphere to be less optimally understood by students. Therefore, this study aims to develop an interactive web-based learning media called Geolecta and to determine the level of feasibility and student response. The research method used is the Alessi & Trollip R&D method with the Waterfall system development model. The subjects of the study were 36 students of class X-9 of Senior High School 1 Tasikmalaya City. Data collection techniques were carried out through observation, interviews, needs analysis questionnaires, validation by material experts and media experts, and student response questionnaires. The research instrument used a Likert scale. The results showed that the Geolecta web-based learning media was declared very feasible based on the results of media expert validation with a percentage of 83% and material expert validation of 94.67%. Student responses to the use of the media reached 83.87%, categorized as very appropriate, and subject teachers received a score of 100%. These results indicate that the Geolecta website is effective in learning because it can increase student engagement, motivation, and understanding of lithospheric phenomena. Based on the research results, it can be concluded that the interactive web-based learning media Geolecta is appropriate and effective for use as an alternative learning medium.

Keywords: *learning media, interactive web, R&D development.*