

Nurun Nazilah. 2018. *Pengembangan Bahan Ajar Berbasis Socio-Scientific Issues Pada Materi Pemanasan Global Untuk Melatih Kemampuan Literasi Sains Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Dosen Pembimbing I Laila Khamsatul Muharrami dan pembimbing II Irsad Rosidi.

ABSTRAK

Tujuan penelitian ini adalah mengetahui kelayakan, keterbacaan, keterlaksanaan, pengaruh, dan respon siswa terhadap bahan ajar berbasis *socio-scientific issues* pada materi pemanasan global. Penelitian ini merupakan penelitian dan pengembangan dengan menggunakan model Dick and Carey. Desain penelitian adalah *one-group pretest-posttest*. Penelitian dilaksanakan di SMPN 1 Pamekasan kelas VII F pada semester genap tahun ajaran 2017/2018. Berdasarkan hasil penelitian disimpulkan bahwa: (1) bahan ajar yang berbasis *socio-scientific issues* pada materi pemanasan global sangat valid dan layak digunakan dengan persentase ahli media sebesar 78,26% dan reliabilitas sebesar 95,83%. Persentase ahli materi sebesar 78,65% dan reliabilitas sebesar 98,55%. (2) Hasil rata-rata penilaian keterbacaan sebesar 81,67% dengan kategori terbaca sangat baik. (3) Keterlaksanaan pembelajaran mulai dari pertemuan 1 hingga 3 mendapatkan persentase 100%. (4) ada pengaruh bahan ajar berbasis *socio-scientific issues* pada materi pemanasan global terhadap kemampuan literasi sains siswa dengan signifikansi sebesar 0,000 yang kurang dari taraf signifikansi 0,05 dan $-15,785 < 2,04523 < 15,785$ sehingga H_0 ditolak. Kemampuan literasi sains awal siswa sangat rendah, namun saat diberikan bahan ajar berbasis *socio-scientific issues* menjadi cukup. (5) Hasil rata-rata penilaian angket respon siswa sebesar 83,75% dengan kategori sangat baik. Bahan ajar berbasis *socio-scientific issues* dinyatakan layak digunakan dan dapat melatih kemampuan literasi sains siswa.

Kata kunci: bahan ajar, literasi sains, pengembangan, *socio-scientific issues*

Nurun Nazilah. 2018. *Developing of teaching material based on socio-scientific issues with global warming's material for training student's science literacy skill*. Thesis, Natural Science Education Study Program, Education Faculty, University of Trunojoyo Madura. Advisor I Laila Khamsatul Muharrami and Advisor II Irsad Rosidi.

ABSTRACT

The aim of this research was to know validity, readable, implementation, influence, and student response of teaching material based on socio-scientific issues with global warming's material. This research was research and development with Dick and Carey's model. Design of this research was one-group pretest-posttest. This research held in SMPN 1 Pamekasan, VII F class, at even semester, academic year 2017/2018. Based on the results of this research, it can be concluded: (1) The teaching material based on socio-scientific issues with global warming's material was very valid and proper to use with percentage of media expert 78,65% and reliability 98,55%. (2) The average result of readability 81,67% with readability category. (3) Learning activities from first meeting until third meeting got 100% percentage. (4) there was effect of teaching material based on socio-scientific issues with global warming's material to student science literacy's skill with significance value of 0,000 with less than 0,05 significance and $-15,785 < 2,04523 < 15,785$. So, H_0 got denied. Evidence by result that student's early science literacy skill was very low, however when given teaching material based on socio-scientific issues being enough. (5) The average result of student response was 83,75% with very good category. The teaching material based on socio-scientific issues considered feasible to use and could be training of student science literacy's skill.

Keywords: *development, science literacy, socio-scientific issues, teaching material*