

ABSTRACT

Rama Sulistiawan, “*The Effect of Socio-Scientific Inquiry Based Learning on Increasing Students' Science Literacy on Environmental Change Material*”

Scientific literacy is an important skill to have in facing life in the 21st century. This study aims to analyze the effect of Socio-Scientific Inquiry Based Learning on increasing students' science literacy. Quasi-experimental research using non-equivalent control group design. The sample was taken by purposive sampling consisting of 36 students in the experimental class and 35 students in the control class at one of the high schools in Sumedang Regency. The implementation of teacher and student activities reached very good criteria. The increase in students' science literacy in the experimental class was obtained with an N-gain score of 0.65 while in the control class it was 0.35. The results of the hypothesis test show that there is an influence of Socio-Scientific Inquiry Based Learning on improving students' scientific literacy with Sig. (0.001) < 0.05. Students' responses to learning with Socio-Scientific Inquiry Based Learning on environmental change material were 83% with a very good category. Socio-Scientific Inquiry Based Learning has an effect on improving students' scientific literacy.

Keywords: *Science Literacy, Socio-Scientific Inquiry Based Learning, Environmental Change.*



LEMBAR PERSETUJUAN
(Untuk Mengikuti Sidang Munaqosah)

**PENGARUH *SOCIO-SCIENTIFIC INQUIRY BASED LEARNING*
TERHADAP PENINGKATAN LITERASI SAINS PESERTA DIDIK
PADA MATERI PERUBAHAN LINGKUNGAN**

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