

Applying Knowledge Management and Attitude Based on Holistic Approach in Learning Andragogy, as an Effort to Solve Environmental Problems after Mining Activities

Authors : Aloysius Hardoko, Susilo

Abstract : The root cause of environmental damage post coal mining activities as determined by the province of East Kalimantan as a corridor of economic activity masterplan acceleration of economic development expansion (MP3EI) is the behavior of adults. Adult behavior can be changed through knowledge management and attitude. Based on the root of the problem, the objective of the research is to apply knowledge management and attitude based on holistic approach in learning andragogy as an effort to solve environmental problems after coal mining activities. Research methods to achieve the objective of using quantitative research with pretest posttest group design. Knowledge management and attitudes based on a holistic approach in adult learning are applied through initial learning activities, core and case-based cover of environmental damage. The research instrument is a description of the case of environmental damage. The data analysis uses t-test to see the effect of knowledge management attitude based on holistic approach before and after adult learning. Location and sample of representative research of adults as many as 20 people in Kutai Kertanegara District, one of the districts in East Kalimantan province, which suffered the worst environmental damage. The conclusion of the research result is the application of knowledge management and attitude in adult learning influence to adult knowledge and attitude to overcome environmental problem post coal mining activity.

Keywords : knowledge management and attitude, holistic approach, andragogy learning, environmental damage

Conference Title : ICEDT 2017 : International Conference on Educational Design and Technology

Conference Location : Bali, Indonesia

Conference Dates : October 23-24, 2017