

THE KNOWLEDGE MANAGEMENT DESIGN AND THE ATTITUDE BASED HOLISTIC APPROACH INTENDED FOR ADULT LEARNING WITH REGARD TO THE ENVIRONMENTAL DAMAGE POST COAL MINING

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BACKGROUND OF THIS RESEARCH

The realness of environmental issues post coal mining in East Kalimantan are:

- Had some impact such as flood, smog, drought, erratic weather fluctuations, and etc.
- The handling of environmental is still less effective because it hasn't touch the root of the issues.
- Environmental issues is cause by human behaviour that doesn't protect the environment.

RESEARCH PURPOSES

- To expand the knowledge management design and the attitude based holistic approach intended for adult learning with regard to the environmental damage post coal mining.
- To become a government solution program in handling or resolving the environmental damage post coal mining.

RESEARCH METHOD

- Using qualitative methods and Development Research
- The qualitative research methods is used as an analysis to develop design management with instrument interview guidelines to obtain in-depth data of knowledge and attitude that adults had. The Focus Group Discussion(FGD) instrument is to get the data that related to government program to resolve environmental damage post coal mining.
- The research respondents are ten representatives of adults living in the vicinities of coal mining sites which take place in Berau, East Kalimantan Province. Two people as representation from coal mining and energy community of East Kalimantan Province, four people from coal mining and energy community of East Kalimantan Province of Berau district and four people from environmental agency of Berau district.

RESEARCH RESULT (1)

- The adults knowledge of post coal mining is on good category.
- The attitude in this form of trend behavior is on enough category.
- The government program in resolving environmental issues hasn't been effective because it's in the help of agricultural seeds, plantation, livestock, and scholarship. There is no counseling activity that related to the effort to change the adults behavior from destroyer to environment protector.

RESEARCH RESULT (2)

- The Knowledge Management Design and The Attitude based of The Holistic Approach intended for adult learning with regard to the environmental damage post coal mining as follows: It consists of three stages of learning activities: 1) **initial or introduction activity** is a perception refers to environmental damage around, 2) **the core activities** is incorporate knowledge and attitudes that have been owned by adults to solve the environmental issues surrounding the case, adults are given the responsibility of protecting the environment through the work around the house, 3) **closing activity is to** give reward to adults who are performing well and those who have the motivation to perform well.
- Holistic approach, combining elements of knowledge, attitude, environment in changing behavior.

ADVANCED RESEARCH METHODS

- The Method of this Development Research is used to develop design based knowledge management and attitude of a holistic approach to adult learning related environmental damage after the coal mine.
- The results of the needs analysis, literature review, the results of relevant research, research experience as a lecturer during this time include teaching adults, as basis for the development of design management.
- Data Analysis of this Development Research using categories in the form of tables and do the interpretation.

THANK YOU SO MUCH