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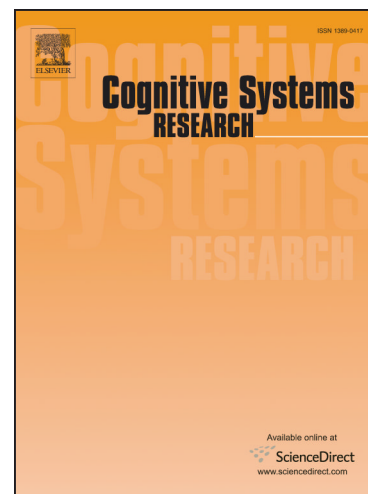
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Research on Construction of Indicator System for Evaluation of the Ecological Civilization Education in Chinese Universities

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Abstract: Ecological civilization education is a critical, educational support for construction of ecological civilization. The structure chart of ecological education evaluation below shows that process evaluation plays a decisive role in determining the results of summary evaluation. The construction of an indicator system in this paper is just by focusing on the core content of ecological education –Educational PROCESS – so to incorporate the theory of ecological civilization into the whole college education. This paper is based on the modified AHP (Analytic Hierarchy Process) to establish a comprehensive evaluation model, construct judgment matrix and correct the weights, and to construct the framework and indicator system for evaluation of ecological civilization education in colleges and universities .

Keywords: colleges and universities; ecological civilization education process; evaluation; indicator system.

1. Introduction

Analysis of ecological civilization background is a starting point to understand the ecological process in China. After the reform and opening-up, China's rapid economic growth has caused a series of serious environmental challenges, and this is why the concept of ecological civilization was put forward and written into the national policy agenda. The "Word-Ocean" said: civilization, essentially, refers to cultures, and includes material civilization, and spiritual civilization. The essence of ecological civilization is a state of civilization where it can realize harmonious coexistence and benign interaction between human society and nature to achieve sustainable development. Ecological civilization is a foundation of China's socialist civilization system. In the process of ecological civilization construction, mankind should follow a pattern of harmonious development between human beings, nature and society, establish the valuable view on life and nature, and realize a shift to the ecological value^[1].

Comparatively, Chinese ecological civilization education started late. Ecological education is an important part in the construction of national ecological civilization. It is essentially the kinds of educational activities that take ecological civilization as the content and all citizens as the learners to impart the knowledge and concepts of ecological civilization, aiming to promote ecologically civilized conducts and sustainable development of human society. In 1994, the Chinese government first published the "China's 21st Century Agenda", which states that it should incorporate "The Idea of Sustainable Development into the Whole Educational Process from Junior High School To Higher Education". In 1996, the State Environmental Protection Administration, the Publicity Department of the Communist Party of China and the State Education Commission jointly issued the National Action Plan on Environmental Protection Education (1996-2010). The idea of ecological civilization education begins with the conception of "Green Schools". In 1998, Tsinghua University took the lead in proposing the concept and goal of "Green University Construction" in China, which set off the prelude of ecological civilization education in Chinese colleges and universities^[2,3].

The roll out of ecological civilization education in colleges and universities plays a key role in the national education system. Colleges and universities generally have the important functions of student training, scientific research, social service, and cultural inheritance and innovation. For youth, the stage of higher education is an important period for formation of their morality, values, natural view and civic consciousness. The ecological civilization education in colleges and universities provides a critical assurance of talent base and theoretical guidance for the construction of an ecologically civilized society. According to the National Bureau of Statistics, it shows that in 2015 the number of ordinary college students was 26.1 million ("China Education Statistics Yearbook 2015"). Thus, carrying out ecological education in the colleges and universities is a necessary pillar in supporting national ecological civilization construction. College students are a group of community members with high degree of education. Their quality in ecological civilization would directly influence the level of long-term development in the construction of national ecological civilization^[4,5].

The process of ecological education is a core content of ecological civilization education. In the process of ecological education, it needs to clearly answer the questions on what kind of education to be achieved, how to educate students, and what kinds of people the education would produce. In this process of education, it is needed to establish a scientific and standardized evaluation system to evaluate guidelines, principles, standards,

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