



# Research on the Enlightenment of Marx's Ecological Philosophy Thought on Ecological Civilization Education

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**Citation:** Wang, F., & Lou, Y. (2025). Research on the Enlightenment of Marx's Ecological Philosophy Thought on Ecological Civilization Education. *Mediterranean Archaeology and Archaeometry*, 25(2), 626-631.

## ARTICLE INFO

Received: 23 December 2024

Accepted: 06 January 2025

## ABSTRACT

Ecological civilization education has become an important component of school moral education. Providing ecological civilization education to college students is an inevitable choice for ecological civilization construction. On the basis of summarizing the current situation and influencing factors of ecological civilization education in universities, this article presents enlightenment of Marx's ecological philosophy thought on ecological civilization education. The results indicate that the importance of ecological civilization in different disciplines is positively correlated with the systematization of ecological civilization education. We should explore the implementation of ecological civilization education from the aspects of content system, educational mode, campus ecological culture construction, and teacher ecological literacy, strive to improve the ecological cognition, ecological civilization literacy, and ecological behavior ability of college students, build an educational ecology, promote resource conservation, and build a beautiful and environmentally friendly China.

**Keywords:** Marx's Ecological Philosophy, Ecological civilization, Ecological civilization education, Ecological perspective

## INTRODUCTION

Ecological crisis has become a common problem in the world. In the process of human industrialization, the emphasis on self-development and over-exploitation of resources has led to an unprecedented crisis in the relationship between man and the natural environment [1-3]. The ecological system has been destroyed, the ecological environment has deteriorated, and ecological resources have become increasingly scarce [4]. The ecological crisis has dealt a serious blow to the survival and development of mankind. In the thirty years of reform and opening up, with the rapid development of China's economy, the abuse of the extensive growth model at the expense of environmental resources has resulted in increasingly severe ecological problems [5]. This situation is obviously inconsistent with our goal of building a harmonious society, which is "continuously enhanced capacity for sustainable development, improved ecological environment, resource utilization efficiency, and promotion of the harmonious development of man and nature" [6-8]. It is a grim reality in the process of moving towards a comprehensively well-off society. The arduous task requires that our society as a whole must attach great importance to the construction of ecological civilization. The construction of ecological civilization is a long-term and arduous project [9-15]. The first priority is to strengthen ecological civilization education and effectively improve the ecological civilization literacy of all citizens. Western countries have been facing ecological and environmental problems earlier, they began to focus on the issue of ecological environmental education in the 1970s. In 1992, the United Nations held an environmental conference. At the meeting, countries reached a consensus on the concept of "sustainable human development" and agreed that environmental education [16-19]. It is the key to achieving sustainable development and has set off a research boom in the global field of ecological environment education.

The Marxist ecological civilization ideology encompasses some basic viewpoints of Marx and Engels on ecological issues. In the era of the birth of Marxism, the issue of ecological environment had not yet risen to its level in today's society. Marx and Engels foresaw the ecological crisis that capitalist private ownership and its expansionist nature would bring through their analysis of the modes of production, consumption, and class characteristics of capitalism [20]. They also scientifically discussed the relationship between natural ecology and human development. These ecological civilization ideas and viewpoints, which shone with the brilliance of human nature and were rich in philosophy and wisdom, were mostly presented in their later works. They still have important practical guiding significance for solving the current ecological environment crisis, adhering to sustainable human development, and building ecological civilization in China.

## MATERIALS AND METHODS

The research combines a variety of methods, mainly including:

Literature review method: through literature reading, comparative analysis of domestic and foreign related research and theoretical development, forming a theoretical basis.

Field survey method: On the basis of relevant theories, conduct field surveys, collect data, send out questionnaires and recycle them, and form reference materials for evaluation-related data.

Combining qualitative and quantitative methods: The model processing in this paper uses quantitative methods as much as possible, using qualitative methods to define theoretical research and some indicators that cannot be quantified, and qualitatively analyzing the quantitative results.

## RESULTS AND DISCUSSION

### **The Core Connotation of Marx's Ecological Philosophy Thought**

Marx's ecological philosophy is a re examination and exploration of the relationship between humans and nature under private ownership in capitalist society based on practice. It emphasizes the dialectical relationship between humans and nature, as well as the harmonious unity between humans and nature in the process of realizing human freedom and comprehensive development.

Firstly, Marx's ecological philosophy emphasizes that human understanding of nature comes from practice. Marx and Engels advocated that humans should understand nature through practice: on the one hand, the connection between humans and nature comes from practical activities, that is, humans adapt to nature and achieve their own survival and development in practical activities, but at the same time, conflicts with nature also arise; On the other hand, humans' deeper understanding of nature comes from practice. Only through continuous practice can humans better understand the contradictions with nature, adapt to and transform nature, and achieve harmonious unity between humans and nature.

Secondly, Marxist ecological philosophy holds that humans have subjectivity and agency in their relationship with nature. On the basis of practice, humans have established a connection with the natural world. Humans play a leading role and initiative in utilizing and transforming nature, making it a "humanized nature". In this process, human agency transformation can not only better meet human demands in nature, but may also lead to environmental degradation, ecological imbalance, and other problems.

Once again, Marx's ecological philosophy proposes that in order to coordinate the relationship between humans and nature, it is necessary to respect the laws of nature. Although Marx and Engels pointed out that humans have subjectivity and agency in their relationship with nature, this subjectivity and agency are not unlimited. Human beings have material exchanges with nature in practical activities, and their survival and development depend on nature. If humans do not recognize and respect the objective laws of nature and plunder natural resources without restraint, they will be punished and retaliated against by nature.

Finally, Marx's ecological philosophy points out that there is a hidden relationship between humans and nature. In the practice of transforming nature, the relationship between people, namely social relationships, gradually forms, mainly reflected in how many people's survival and development needs need to be met, and the competition for interests between people under the constraint of resources. This "intermediary" role may lead to conflicts and contradictions between humans and nature, as well as achieve harmonious coexistence between humans and nature.

### **Challenge of Ecological Civilization Education in Colleges and Universities**

The pressures and challenges facing China's ecological environment protection are still severe, and there is still a certain gap between the current status of ecological civilization education and the needs of ecological civilization construction, and the government, enterprises, and all sectors of society need to work together. Although China's emphasis on ecological civilization education has continued to increase, the performance of college students has not been satisfactory. As one of the main undertakers of social education functions, colleges and universities need to actively participate in ecological civilization education. While achieving certain achievements in ecological civilization education in colleges and universities, it is also facing challenges, and it is difficult to adapt to the needs of cultivating ecological talents and building ecological civilization.

#### **The sense of responsibility for ecological civilization is not strong**

College students are in a state of "high recognition, low awareness, and insufficient practice" towards the construction of ecological civilization. They are not fully aware of the important role of ecological civilization in sustainable development and building a beautiful China, and they have not established respect for nature. , The concept of ecological civilization that conforms to and protects nature. Contemporary college students have some obvious self-awareness, but lack of self-discipline awareness and a weak sense of responsibility for ecological civilization. College students lack a sense of responsibility when facing the issue of ecological civilization construction, and often place hope on others. It is generally believed that the main responsibility for ecological civilization construction is the government and environmental protection departments.

#### **The education content is fragmented and the teachers are not strong**

The rich theoretical connotation of ecological civilization determines that the content of ecological education should be three-dimensional and multi-dimensional. However, the current ecological civilization view education in most colleges and universities is still a mere formality. Only the ecological environment science major has a more systematic and complete

ecological civilization education program. The ecological civilization education of other majors still lacks a comprehensive system design. The ecological education-related elective courses are seriously lacking and fragmented. The teaching method is obvious, and the randomness is serious. At the same time, the ecological civilization view education is separated from the social environment. The ecological civilization education curriculum system urgently needs to be developed and designed. Teachers are one of the important prerequisites for the development of ecological civilization education. However, the current teachers of ecological civilization education are relatively weak. Most teachers lack systematic and professional ecological civilization education and training, and lack the corresponding ecological civilization knowledge and awareness. Due to the multi-disciplinary integration of ecological civilization knowledge, the connotation keeps advancing with the times, which makes it difficult for teachers whose ecological literacy needs to be improved to adapt to the new development situation in terms of educational concepts, knowledge structure, and teaching methods, and difficult to meet the new era of ecological civilization. The requirements of education on the quality of teachers.

### **Single teaching method**

The current teaching methods of ecological civilization education in colleges and universities are single, and traditional instillation methods are mostly used. Teacher-centered and classroom-centered, students passively accept the knowledge taught by teachers instead of actively learning ecological knowledge. The effect of ecological civilization education is not ideal. The advent of the "Internet +" era makes education convenient and fast, with good interactive performance. The in-depth integration of information technology and education and teaching allows students to obtain more high-quality educational resources and stimulate their interest in learning. However, ecological civilization education does not make full use of artificial intelligence, big data and other information technologies to disseminate knowledge of ecological civilization to college students. The use of information technology to conduct theoretical and practical research on new teaching models is insufficient, and it is difficult to provide high-quality teaching resources and achieve accurate teaching.

### **Lack of ecological civilization education practice**

The practice platform of ecological civilization education in colleges is insufficient, ecological environmental protection practice education is rarely carried out, teaching and practice are seriously out of touch, and the transformation from "knowledge" to "action" has not been realized. Ecological civilization education is a mere formality and cannot train students well. The ability to practice ecological civilization can not feel the severity of the current ecological damage on site, can not use the environment, scenes and other means to subtly enhance its awareness of ecological responsibility and conscious participation, and it is difficult to understand the urgency and arduousness of maintaining the harmonious relationship between man and nature, Resulting in the unsatisfactory effect of ecological civilization teaching, and it is difficult to adapt to the development of ecological civilization education in the new era. At present, most vocational colleges lack an ecological civilization education practice base, and there is little school-enterprise cooperation with ecological enterprises. It is difficult to form a joint force to improve the effectiveness of ecological civilization education for college students in the new era. Many colleges and universities do not have corresponding ecological civilization clubs, and seldom organize students to participate in ecological civilization practice activities, and provide students with few opportunities for ecological civilization practice.

## **THE TIME SIGNIFICANCE OF THE EDUCATION OF COLLEGE STUDENTS' ECOLOGICAL CIVILIZATION**

### **Promote the all-round development of college students**

The education of ecological civilization view is the inherent need for the overall development of college students. The construction of a harmonious and beautiful earth home requires college students to have good ideal beliefs, humanistic qualities, moral literacy, knowledge system, scientific literacy, innovative awareness and innovative ability, and have a good ecological legal system, ecological world outlook, ecological morality and ecological behavior habits and habits. Ecological awareness, environmental awareness, etc. The education of ecological civilization view is undoubtedly an important measure for cultivating people with all-round development. It can effectively improve the comprehensive quality of college students and promote the all-round development of college students.

### **Promote the construction of ecological civilization**

Ecological civilization education is an inevitable choice for the construction of ecological civilization. The recipients and practitioners of concept education are also the disseminators and promoters of ecological civilization concept education. Through ecological civilization education, cultivating college students' sense of responsibility and mission to protect the green earth can promote the construction of ecological civilization in the entire society.

### **Expand the connotation of ideological and political education in colleges and universities**

The cultivation of the ideological and moral quality of college students is an important task of ideological and political education in colleges and universities, and it must be in harmony with the development of social economy, politics and culture. In the real environment of ecological crisis, integrating the thought of ecological civilization into education is a new task given to colleges and universities by the times. General Secretary Xi Jinping clearly pointed out that "the construction of ecological civilization is politics" and "is related to the manifestation of the people's dominant position, the consolidation of the Communist Party's ruling foundation, and the realization of the Chinese dream of the great rejuvenation of the Chinese nation." The implementation of the concept of ecological civilization education in colleges and universities not only cultivates the awareness of ecological civilization and the quality of ecological civilization of college students, but also expands and enriches the connotation of college ideological and political education.

## IMPLEMENTATION PATH OF EDUCATIONAL ECOLOGY CONSTRUCTION RESEARCH

### Constructing the content system of ecological civilization education

Through the scientific knowledge of ecological environment, we can understand the current and future development status of the ecological environment in a timely manner, and improve the awareness of ecological environment crisis, awareness and responsibility of college students. Understand the red line and bottom line of ecological environmental protection through modern ecological legal system and policies, and strengthen the ecological environmental protection habits of college students and ecological ethical behavior norms. Cultivating college students' ecological moral emotions through ecological culture, adhering to the concept of a community with a shared future for mankind, abandoning anthropocentrism, following the dialectical relationship between man and nature, and the harmonious development of society and nature, and promoting the construction of ecological civilization. At the same time, through the practice of ecological education, the knowledge of ecological theory is transformed into ecological protection skills, and a civilized and healthy ecological behavior and a green and low-carbon lifestyle are formed, so as to protect the earth's homeland on which mankind depends. Highlight practical teaching links, build diversified ecological practical teaching platforms, and enhance the effectiveness of ecological civilization education and construction in colleges and universities. The purpose of emphasizing the practical aspects of ecological civilization education is to let the ecological concept go out of the classroom and integrate into the social practice of college students, so that the students' awareness of ecological civilization can be continuously improved in practice, and truly achieve "the unity of knowledge and action". Ecological practice activities can be carried out simultaneously inside and outside the school according to the actual situation. The first is the ecological practice in the school, which provides students with the initiative of ecological and green environmental protection in the school. Encourage students to set up ecological civilization groups, and organize students to perform a series of ecological behaviors in groups in the practical courses.

### Improve teachers' ecological civilization literacy

College teachers are the organizers and implementers of ecological civilization education, and the ecological civilization literacy of college teachers is an important factor that affects the effectiveness of ecological civilization education. Teachers with high ecological moral quality, ecological teaching concept that keeps pace with the times, strong ecological knowledge and teaching ability have a great role in promoting the education of ecological civilization concept of college students. Colleges and universities should pay attention to guiding teachers of various disciplines to establish an ecological cultural awareness system, and help teachers absorb ecological cultural knowledge through channels such as expert lectures, special seminars, advanced training, knowledge competitions, etc., optimize the teacher's personal knowledge structure, and enhance ecological cultural accomplishment to be competent. The role and mission given by the times to better carry out the education of ecological civilization in colleges and universities.

### Optimize the construction of campus ecological culture

The construction of campus ecological culture includes two parts: "hardware" and "software". "Hardware" construction refers to the material aspects of ecological culture such as campus planning, architectural style, campus greening, waste classification, and water and sewage. "Software" construction refers to the school's philosophy and mission, school spirit, school motto, rules and regulations, class style, learning style, teacher-student relationship and other spiritual levels of ecological culture. A campus with a strong ecological culture atmosphere allows students to receive ecological civilization education and influence in a subtle way. Therefore, the construction of campus culture should be rationally planned for land use. Exploring the ecological connotation of campus culture; highlighting campus spiritual and cultural characteristics; perfecting campus system and culture; purifying campus academic atmosphere; harmonious campus human relations; advocating green concepts, green campus, green life and consumption methods, etc., to provide excellent ecological civilization education cultural soil.

### Stimulate the self-education efficacy of ecological civilization

Self-education is an educational approach for the educated to gain new motivation and form a new self-knowledge by self-knowledge, self-practice, self-supervision, self-regulation, self-evaluation, and self-reconstruction. The level of college students' self-education ability is an important indicator for judging whether the ecological civilization view education in colleges and universities can achieve the expected results. The ecological civilization view education should be based on the learning personality of college students, combined with practical activities to explore new ways and new methods for their self-education to stimulate The inner motivation of self-education.

## CONCLUSIONS

This article presents enlightenment of Marx's ecological philosophy thought on ecological civilization education. The conclusion shows that the importance of different subjects to ecological civilization is positively related to the systematization of ecological civilization education. It is necessary to explore the implementation of ecological civilization education from the content system, education model, campus ecological culture construction, teacher ecological literacy, etc., and strive to improve college students' ecological cognition, ecological civilization literacy and ecological behavior ability, and build educational ecology to promote resource conservation.

## ACKNOWLEDGEMENTS

This paper is supported by System Research Project of Heilongjiang Socialist College (K202414); Heilongjiang Province Mediterranean Archaeology and Archaeometry, Vol. 25, No 2, (2025), pp. 626-631

2020 Higher Education Teaching Reform Epidemic Special Project (SJGZ20200027); 2022 Heilongjiang Province University Ideological and Political Theory Course Famous Teacher Studio Project (Author biography:Exploration of a teaching model for ideological and political courses in universities that combines value and knowledge); Key Project of Education Science Planning in Heilongjiang Province (GJB1423409); 2023 Higher Education Research Project of Heilongjiang Higher Education Association (23GJYBJ016); 2023 Anhui provincial quality project:Construction and practice of "New Thought" curriculum case base based on precise thinking.



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