

Objective: The construction of low-carbon economy, ecological economy and the transformation of economic development model have become the common demands of all countries in the world. Taking the Yangtze River economic belt as an example, based on the re estimation and growth power analysis of total factor productivity under the constraints of energy conservation and emission reduction from the perspective of thinking logic barriers, this paper analyzes the loss of total factor productivity, the characteristics of regional economy and the impact of technology on total factor productivity, so as to provide guiding suggestions for the application of energy conservation and emission reduction and promote the sustainable development of social economy.

Subjects and methods: Select the public data of 11 provinces and cities in the Yangtze River economic belt as the data source, and use the directional distance function based on data envelopment analysis to calculate the total factor productivity.

Study design: Considering a variety of situations, two primary indicators, input index and output index, are selected. Based on the growth perspective of total factor productivity, the research is divided into two cases, that is, without considering carbon emission constraints (case 1) and considering carbon emission constraints. The directional distance function is used to calculate the total factor productivity in two cases, and then analyze the growth momentum.

Methods: The relevant data were processed and analyzed by software SPSS 17.0.

Results: In case 1, the total factor productivity of the Yangtze River economic belt has been increasing for 8 years. In case 2, the total factor productivity of the Yangtze River economic belt has been growing for only six years.

Conclusions: Global warming has a significant impact on the living environment of human beings and other organisms, and it is also an important obstacle to the sustainable development of human economy and society. Therefore, it is necessary to take measures to achieve energy conservation and emission reduction, and attach great importance to the control of pollutants and greenhouse gas emissions. Taking the Yangtze River economic belt as an example, from the perspective of thinking logic barrier, the directional distance function is used to re estimate the total factor productivity and analyze the growth momentum under the constraints of energy conservation and emission reduction, so as to analyze the loss of total factor productivity, the characteristics of regional economy and the impact of technology on total factor productivity, so as to provide guiding suggestions for the application of energy conservation and emission reduction, promote the sustainable development of social economy.

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CURRENT SITUATION ANALYSIS AND CONTROL MEASURES OF CONSTRUCTION ENGINEERING MANAGEMENT UNDER THE BACKGROUND OF COGNITIVE IMPAIRMENT

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Background: China's economy has maintained a trend of rapid growth. As a pillar industry of the national economy, the construction industry also has broad development prospects. With the progress of technology and the improvement of management system, construction engineering management has become an indispensable link in construction engineering. Construction engineering management is a comprehensive discipline including management and engineering, which can effectively improve the quality of engineering construction, enterprise benefits and project safety performance. For modern construction enterprises, we should not only pay attention to the construction quality in the construction process, but also do a good job in various construction engineering management, such as cost management, human resource management and safety management, so as to improve the comprehensive competitiveness of construction enterprises, improve the economic benefits of enterprises, establish a good corporate image and enhance the market competitiveness of enterprises, promote the sustainable development of enterprises. At present, because the quality level of managers is insufficient and the management experience is backward, there are still many problems in China's construction project management. Firstly, with the rapid development of China's construction industry, the original management system and management level are no longer applicable, there is a large gap between the management level and the actual demand, and there are large loopholes in the management system, which leads to various problems in the implementation stage of construction enterprises, such as quality problems, construction safety hazards, etc. Secondly, there are limited high-quality, high-level and highly educated management talents, which leads to the lack of construction engineering management talents and makes it difficult to play the role of construction engineering

management. Finally, there are problems in the construction technology of some construction enterprises, which directly affect the project quality, construction progress and the life safety of constructors. Finally, some construction enterprises lack the awareness of cost control and reduce the economic benefits of enterprises, which is not conducive to the development of enterprises.

Based on the background of cognitive impairment, this paper analyzes the current situation of construction engineering management, and puts forward corresponding control measures to build a scientific, reasonable and effective construction engineering management system, improve the market competitiveness of construction enterprises and promote the sustainable development of construction industry. There are four control measures, that is, to build a perfect construction project management system to ensure the standardization and meticulous work. Train construction project managers, improve the employment standards of managers, and then speed up the construction of management talent team. Implement detailed management of key technologies to improve construction quality. Strengthen cost control and management to improve the economic benefits of enterprises. This paper discusses the existing problems in construction engineering management and puts forward solutions, hoping to provide a valuable reference for construction engineering management in the construction industry.

Objective: China's economy has maintained a trend of rapid growth. As a pillar industry of the national economy, the construction industry also has broad development prospects. With the progress of technology and the improvement of management system, construction engineering management has become an indispensable link in construction engineering. This paper discusses the existing problems in construction engineering management and puts forward solutions, hoping to provide a valuable reference for construction engineering management in the construction industry.

Research objects and methods: 200 relevant practitioners of construction engineering management were selected as the research object, including front-line construction personnel, managers and relevant researchers. According to the construction project management system, a questionnaire is formulated to investigate the recognition of the research object to the system.

Research design: The score of the questionnaire is 1-5. The higher the score, the higher the satisfaction of the research object with the construction project management system. The results of the questionnaire survey were counted and the average score was calculated.

Methods: The relevant data were processed and analyzed by Excel and SPSS 22.0.

Results: The questionnaire results show that most research objects are highly satisfied with the construction project management system, indicating that the system has high practicability, as shown in Table 1.

Table 1. Research object's satisfaction with construction project management system

Satisfaction	5	4	3	2	1
Number	55	85	41	17	2
Proportion (%)	22.50	42.50	20.50	8.50	1.00

Conclusions: Construction engineering management is a comprehensive discipline including management and engineering, which can effectively improve the quality of engineering construction, enterprise benefits and project safety performance. For modern construction enterprises, we should not only pay attention to the construction quality in the construction process, but also do a good job in various construction engineering management, such as cost management, human resource management and safety management, so as to improve the comprehensive competitiveness of construction enterprises, improve the economic benefits of enterprises, establish a good corporate image and enhance the market competitiveness of enterprises, promote the sustainable development of enterprises. Based on the background of cognitive impairment, this paper analyzes the current situation of construction engineering management, and puts forward corresponding control measures to build a scientific, reasonable and effective construction engineering management system, improve the market competitiveness of construction enterprises and promote the sustainable development of construction industry.

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A STUDY ON COPING STRATEGIES OF LANGUAGE ANXIETY IN ENGLISH LEARNING

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Background: English is the second most widely used language in the world and the most widely used