

Environmental Issues and Social Responsibility: A Scientometric Analysis Using Citespace

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ABSTRACT

Megaprojects are complex ventures, large-scale engineering facilities that provide basic public services for social production, economic development, and people's livelihood, involving multiple stakeholders, profoundly impacting people and the states. Therefore, megaprojects are never just a scaled-down version of small projects (Flyvbjerg, 2014). For example, information and communication technology, hydropower projects, all kinds of power plants, high-speed rail lines, expressway, hospitals, airports, large-scale signature architecture, long-span bridges, large-scale factories and the like. With the increasing number of megaprojects worldwide, the study of megaproject issues began to attract attention abroad in the 1990s and developed rapidly after 2000 and obtained important research results. However, the environmental problem increases rapidly, especially in developing countries. Megaproject social responsibility (MSR) as social responsibility of major infrastructure projects involves the policies and practices of the stakeholders participated through the whole project life-cycle that reflects responsibilities for the well-being of the wider society. And a growing number of scholars start to pay attention on it. However, megaprojects cost a large amount of natural resources and environmental resources. Therefore, the environmental compensation is as vital as technology, economic, culture, and supervision, and it has received the high attention from many stakeholders. The essential connotation of environmental compensation is that the beneficiary of ecosystem service provides conditional payment behavior to the provider of environmental income service to achieve the goal of EM protection by means of incentive or compensation. Although regulations for environmental degradation have been introduced to solve those serious problems yet the activities are still lacking consistency and improvement. Therefore, the EM needs to be investigated deeply and required innovation. This study shows the transformation of EM from a corporate level to a strategic level through the an antecedence studies by using scientometric analysis. It will shed the lights on studies to the strategic field and provide managers or policy makers when they need to make a decision. Research problems as follows: what's the development trend of environmental issue based articles? What would be the future research trend?

Keywords: Environmental issues; social responsibility; strategy; scientometrics; review