

Study on Process Economics of Natural Resources Utilization

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Letter to the Editor

The paper entitled "Study on Process Economics of Natural Resources Utilization" had identified that social use of natural resources could have characterized by state function and had proposed social and economic motive by driving criterion of a process, which also had become cornerstones regarding resources use way with a better choice in science and regarding resources use efficiency with a higher level in economy to maximize utilization result of natural resources in environment. Environmental research for natural resources thus had become an important branch of field of environmental studies as well and would also have had possibilities to be transformed into a reported field in Journal of Environmental Research, a newly created periodical. In my previous investigations fundamental principle of state point identification of a process evaluation and a mode of selection of those utilization schemes for a natural resource had been elaborated by describing virtual process model and by introducing some concrete cases that could have judged the social states of the undeveloped resources and the developing resources and that could have made a decision for the future direction of the resources exploitation. However, examples shown were based on non-renewable resources exploitation in a closed system without accumulation or depletion of the resources and the research regarding natural resources utilization therefore still had not been extended to variable mass system such as a decomposition system, a fission system and biological reproduction system. Generally those systems with a variable mass mentioned mainly involve plastic degradation, radioactive waste treatment, plant hybridization and so on. Furthermore, these researches regarding such

expanded natural resources ultimately will turn to become future luminous points in environmental fields according to process evaluation theory identified and analysis method derived whether they have any progress in science or they bring gain or loss to our society in economy. Journal of Environmental Research, as a new journal, is supposed to emphasize these articles regarding an innovative investigation with a waste natural resource state or with an artificial natural resource under the influences of the conventional natural resources and also is supposed to shape own distinct characteristics of running a journal gradually when those original researches of natural resources in environment are reported. Herein I still continue to use that typical hypothesis in theories of process evaluation to shed light on the implication of the process states further and to make a time setting consequently at the state points of the beginning time and of the end time. If the utilizing states at the beginning of the natural resource in environment all are assumed to become a static state at a time and the time is set to be zero in the environmental system, then the natural resources utilization with an optimal value could have been predicted in this stage and driving force of social utilization of natural resources thus could have been identified as well. The next time, the end time selected of the natural resources utilization, has been expected by our societies and will be becoming a point of departure with a coordinated development of natural resources and environment. We're all looking forward to that moment where natural resources in environment serve our societies well and promote the sustainable development in economy continuously and where flowers are blooming and fruits are abounding and birds are twittering.