



PATTERN FOR THE MANAGEMENT OF ENVIRONMENT-ECONOMY SYSTEMS BASED ON QUANTIFICATION OF EMERGETIC SUSTAINABILITY

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Abstract

The research is grounded on a concept and an evaluation methodology. Starting from the concept of "emergent sustainability", it structures an evaluation methodology of the discontinuous values of the systems with Environmental -Economic interfaced. It proposes a series of parameters which try to synthesize the complexity of the sustainable development process.

The study highlights the drainage element of the environmental externalities in the economy subsystem during the sustainable processes. This process is quantified through the coefficient and the drainage index and by the sustainability coefficient; these parameters are implemented through this study in order to monitor the sustainable development of Environmental-Economic Systems (EES).

Key words: drainage coefficient, drainage index, emergent sustainability, real work, sustainability coefficient

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