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BIO ECONOMY'S INSTITUTIONAL AND POLICY FRAMEWORK FOR THE SUSTAINABLE DEVELOPMENT OF NATURE'S ECOSYSTEMS

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Abstract

This paper has the purpose to offer an institutional and policy framework for the analysis of bio economy implications of sustainable development of nature's ecosystems. It begins reviewing the elements of bio economics to focus on the research trends methods to support the basic bio-economy method and methodology. Bio-economy is characterized by the creation and efficient use of natural and biological resources, raw materials and capabilities in sustainable infrastructures aimed for the bio production of goods, bio services, bio energy, bio health, etc. to achieve sustainable lifestyles, wealth and economic growth. Finally, this paper supports the argument that bio-economy indicates the limit of the socioeconomic activity for which a biological system could be used without destroying the necessary conditions for its regeneration and therefore its sustainability.

Keywords: Bioeconomy, institutional framework, policy framework, sustainable development, natural ecosystems.

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