

Determinants and tendencies of world energy development

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Research Methodology: On the basis of systemic, historical and logical methods there has been revealed a set of cause-and-effect relations being a ground for the process of determination of world energy development. Also via the methods of economic and statistical analysis there have been explored the tendencies of world energy development.

Results: The author has researched the features of world energy development during 1980-2012 by investigating energy consumption, production, export and import. There have been analyzed the dynamics of the use of fossil energy reserves by volumes and intensity of their mining. The author has determined the main tendencies of world energy development by the types of energy resources and on a territorial basis. There have been revealed the determinants of world energy development underlying formation of the revealed tendencies.

Novelty: The author has defined a set of determinants of world energy development including natural and geographical, economic, technological, environmental determinants. The essence and the content of the clue tendencies of contemporary world energy development have been defined.

The practical significance: The determinants and tendencies of world energy development, revealed by the author, can be used with a view to improve efficiency of energy generation, supply and consumption at the global level as well as at the regional and national ones. In prospect these determinants and tendencies can be used within the analysis of the tendencies and defining the determinants of European energy development. The last statement is of great importance for Ukraine due to its dependence of energy import and in the context of its collaboration with the EU within the Energy Community.