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Οικονομική της Ενέργειας, Κλιματική Αλλαγή και Αειφόρος Ανάπτυξη



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Abstract

Energy and its various sources are a critical factor for economic development. Our past and current energy choices have enabled many incredible opportunities and benefits for society. The creation of incalculable wealth and prosperity for the inhabitants of our planet, the massive expansion of the population around the world, the exploitation of the vast amounts of natural resources and the creation of a sense of security but also the environmental outbreaks and dangers are due to the use of energy. Energy is the foundation upon which all nations, economies and societies have been built. In the last three decades, the incentive to examine our energy system has been very limited, as the energy industry has largely relied on its ability to provide increasing amounts of these vital inputs to global economic growth. However, the two energy

crises in the 1970s and the most recent one, the problems from the greenhouse effect and therefore the greatest problem for humanity climate change brought to the fore, the economics of energy and much more recently the economics of climate change. In recent years, the study of sustainable development has contributed to the immense need to adapt to new conditions of production and consumption, among other things, intensifying the necessity for the creation of a modern book that connects these complex and seemingly unrelated issues. The consequence was the revision of curricula on a global scale to include the subject of energy and climate change economics, both at the undergraduate and postgraduate levels, with the aim of educating and preparing young scientists and at the same time of informing citizens for contemporary challenges.

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