

ΚΩΝΣΤΑΝΤΙΝΟΣ Η. ΚΟΥΝΕΤΑΣ  
Αναπληρωτής Καθηγητής Τμήμα Οικονομικών Επιστημών Παν. Πατρών  
ΝΙΚΟΛΑΟΣ ΧΑΤΖΗΣΤΑΜΟΥΛΟΥ  
Επίκουρος Καθηγητής Τμήμα Οικονομικών Επιστημών Παν. Ιωαννίνων

## Οικονομική της Ενέργειας, Κλιματική Αλλαγή και Αειφόρος Ανάπτυξη



ΚΑΛΙΠΟΣ  
open  
academic  
editions



Εθνικό  
Πρόγραμμα  
Ανάπτυξης  
2021-2025

## METADATA

**Title:** Energy Economics, Climate Change and Sustainable Development

**Other Titles:** -

**Language:** Greek

**Authors:** Kounetas, K., Associate Professor, UPATRAS, Chatzistamoulou, N., Assistant Professor, UOI

**ISBN:** 978-618-5726-82-9

**Subject:** LAW AND SOCIAL SCIENCES

**Keywords:** Climate Change Economics / European and global energy policies / Sustainable development / Energy markets / Energy access and security

**Bibliographic Reference:** Kounetas, K., & Chatzistamoulou, N. (2023). Energy Economics, Climate Change and Sustainable Development [Undergraduate textbook]. Kallipos, Open Academic Editions. <http://dx.doi.org/10.57713/kallipos-209>

## 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.

KALLIPOS  
open  
academic  
editions



The Project is funded by the National Development Programme 2021-2025 of the Ministry of Education and Religious Affairs and implemented by the Special Account for Research Funds of the National Technical University of Athens and the Hellenic Academic Libraries Link.

