



**“Gheorghe Asachi” Technical University of Iasi, Romania**



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## **ENERGY SOURCES ANALYSIS FROM THE PERSPECTIVE OF SUSTAINABLE DEVELOPMENT**

**Tiberiu Rusu<sup>1\*</sup>, Ciprian Cristea<sup>2</sup>, Tudor Rusu<sup>1</sup>, Ileana-Codruța Groze<sup>3</sup>, Laurențiu Stoica<sup>4</sup>**

<sup>1</sup>*Technical University of Cluj-Napoca, Department of Environmental Engineering and Sustainable Development  
Entrepreneurship, 103-105 Muncii Ave, Cluj-Napoca, Romania*

<sup>2</sup>*Technical University of Cluj-Napoca, Department of Electrical Machines and Drives, 26-28 G. Barițiu Street,  
Cluj-Napoca-, Romania*

<sup>3</sup>*Babeș-Bolyai University, Faculty of Environmental Science and Engineering, 30 Fântânele Street, Cluj-Napoca, Romania*

<sup>4</sup>*Technical University of Cluj-Napoca, Department of Manufacturing Engineering, 103-105 Muncii Ave, Cluj-Napoca, Romania*

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### **Abstract**

A judicious use of energy is a fundamental factor to achieve sustainable development. The limited character of energetic fossil resources and the pollution generated by burning fossil fuels for electricity production generate the need to replace them with other sources of energy. Despite the fact that fossil fuels would continue to play a prevailing role in the energy supply for decades to come, renewable energy resources have the potential of contributing to the increasing global energy demands, while simultaneously emerge the most efficient solutions for clean and sustainable energy development in the world. In this framework, the main scope of the present study is to provide an analysis of the current state of world natural resources used to produce energy and energy consumption degree across different regions of the world. At the same time, this paper aims to compare the environmental impacts in water, air, soil and ecosystem produced by a range of conventional and renewable energy sources, which is necessary to be reduced for building a genuine low-carbon society.

*Key words:* energy sources, natural resources, sustainable development, urbanization

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\* Author to whom all correspondence should be addressed: e-mail: [tiberiu.rusu@sim.utcluj.ro](mailto:tiberiu.rusu@sim.utcluj.ro)