

PREFACE: ENERGY AND ENVIRONMENT, FOR SUSTAINABILITY AND TECHNOLOGICAL PROGRESS

This issue of the *International Journal of Energy for a Clean Environment* is devoted to various aspects of energy efficiency and ecological and energy security problems. Energy efficiency, environment protection, global climate change are the realities affecting our future. These challenges require advanced fossil fuels exploration and utilization technologies, new ways of power generation and energy harvesting, its storage, distribution and conservation methods to maintain economic competitiveness and protect the environment on the planet as well as safe, efficient, resilient built environments and effective responses to climate changes.

During the last decades, the attention of researchers and engineers all over the world is attracted to the topics and concepts that may enhance industrial processes as well as improve the quality of life. The papers of this special issue present the state-of-the-art results obtained by academic research teams from the Eastern European Universities and Research Centers. The topics of the studies cover a range from power generation and process heating to environmental safety and energy security.

I invite you to look closely at the results presented and encourage you for any mutually beneficial cooperation with the research teams participating in the publication of this special issue.

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