
Editorial

Editor-in-Chief: Ibrahim Dincer

It is with great excitement that we open a new page with this, the first issue of the International Journal of Exergy (IJEx) following the loss through merger of our former journal '*Exergy – An International Journal*' by Elsevier. We are now with another prestigious publisher, Inderscience Publishers, Inc., and I would like to take this opportunity to thank the Publishing Editor, Dr M. Dorgham and his team for their outstanding effort and cooperation in giving life to the journal.

The exergy community continues to expand markedly, from its roots in engineering and science to business, social studies and beyond. During the past few decades there has been increasing interest in exergy-related works, including research papers, books, articles, news, etc. The discipline of exergy is now mature; for many, exergy has become an integral part of energy education and practice. The consensus of many is that energy analysis is insufficient for realistic system design, analysis and optimisation – for virtually any process – because it does not address reducing irreversibilities (exergy losses). In this regard, exergy provides a powerful tool and a distinct discipline that houses a broad range of topics, namely thermodynamic analysis, entropy generation minimisation, energy engineering, environmental impact analysis, exergoeconomic analysis, sustainability analysis, system optimisation, constructal theory and design, etc. IJEx intends to provide an ideal platform for disseminating high-quality research results, whether the research relates to methods, models, applications or more exotic topics. Papers in related areas such as exergy utilisation, irreversible process modelling, size and time constraints, environmental modelling, waste exergy emissions, sustainability and exergoeconomics are welcome. Welcome also are studies devoted to method, modelling, theory, computational simulation, design, experiment, and measurement. All contributions are peer-reviewed by experts in a constructive way as quickly as possible using advanced electronic communication technologies.

Our primary objective is to build IJEx into a medium for the free discussion of ideas, be they new or old, cutting edge or outdated, revolutionary or traditional. With the support of the exergy, energy and thermodynamic communities, and the publisher, the editors and I will work hard to sustain IJEx as the premier journal in the field. My special thanks go to the associate editors, honorary editor, and editorial board members for their dedication to the success of IJEx. I invite all to become avid readers of IJEx and join us in this adventure.