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PREFACE

It is with great pleasure that we present ****Volume 1, Number 2**** of the **Journal of Renewable Energy Systems and Management** (JRESM). Following the successful launch of our inaugural issue, this new edition reaffirms our commitment to publishing high-quality scientific research that advances knowledge in renewable energy systems, energy management, sustainability, and their associated technological, environmental, and socio-economic challenges.

This issue features a collection of original research articles that address current developments and emerging challenges in renewable energy integration, smart energy systems, energy conversion technologies, and sustainable management strategies. The published contributions reflect the diversity of ongoing research efforts and demonstrate the scientific excellence and practical relevance required to support the global transition toward cleaner and more resilient energy systems.

Maintaining the highest standards of scientific publishing remains our primary objective. Every submitted manuscript underwent a rigorous peer-review process conducted by qualified experts in the respective fields. In addition, all manuscripts were carefully evaluated for originality through plagiarism screening and received thorough editorial assessment to ensure scientific integrity, technical quality, and clarity of presentation.

The continued development of JRESM would not be possible without the dedication of our reviewers and members of the Editorial Board. Their expertise, professionalism, and commitment have been instrumental in maintaining the quality of the journal. I would also like to express my sincere appreciation to all authors for choosing JRESM as a platform to disseminate their valuable research and for contributing to the growth of our scientific community.

As JRESM continues to evolve, we remain committed to strengthening its role as an international forum for the exchange of innovative ideas, the promotion of interdisciplinary collaboration, and the dissemination of impactful research that contributes to sustainable energy development. We look forward to receiving future contributions from researchers around the world and to further establishing JRESM as a trusted reference in the field of renewable energy systems and management.

With my best regards.

Pr. Kaci GHEDAMSI

Editor-in-Chief

*Journal of
Renewable Energy Systems
and Management*

AIMES & SCOPES

With the huge advancements and innovations currently occurring in the scientific world, communication and knowledge broadcasting is essential to ensure further development in the world. In this scope, the Journal of Renewable Energy Systems and Management (JRESM) is a peer-reviewed, semesterly published journal dedicated to enhancing the understanding and application of renewable energy systems, sustainable technologies, and energy management practices. Committed to fostering excellence, JRESM provides a vital platform for researchers, academics, and professionals to contribute to the dynamic fields of renewable energy engineering, sustainable development, and resource management.

Its mission is to facilitate the exchange of knowledge and innovative ideas in renewable energy and sustainability. By promoting groundbreaking research and fostering critical discussions, the journal aims to drive progress in how energy is harnessed, distributed, and utilized to meet global demands. The goal is to serve as a guiding resource for those dedicated to exploring, transforming, and revolutionizing energy systems for a sustainable future.

The Journal covers a broad range of topics within the electrical engineering area, including but not limited to renewable Energy Systems, Renewable Energy Management and Control, Power Electronics and Energy Applications, Innovations in Energy Technologies, Sustainable Mobility and Renewable Energy, and Policies and Resource Management in Renewable Energy.

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