

Special Issue

Emerging Trends in Numerical Methods for Renewable Energy Technologies

Message from the Guest Editors

The importance of renewable energy sources has grown significantly in recent decades, as society increasingly acknowledges both ecological concerns and the urgent need to transition toward cleaner, more sustainable, and more efficient energy alternatives. Examples of renewable energy sources include solar, wind, ocean, geothermal, biomass, and hydropower, each offering promising opportunities for innovation and large-scale application. This Special Issue invites submissions that present advances in numerical methods and computational modeling applied to Renewable Energy Technologies. Contributions may cover theoretical developments, numerical simulations, optimization strategies, and practical applications. Topics of this Special Issue mainly include, but are not restricted to, the following:

- Ocean energy;
- Solar energy;
- Wind energy;
- Geothermal energy;
- Biomass and bioenergy systems;
- Hydropower and small hydro turbines.

Guest Editors

Dr. Mateus Das Neves Gomes

Instituto Federal do Paraná (IFPR)—Campus Paranaguá, Paranaguá, Brazil

Prof. Dr. Liércio André Isoldi

Escola de Engenharia, Universidade Federal do Rio Grande—FURG, Rio Grande, Brazil

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Eng
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
eng@mdpi.com

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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Antonio Gil Bravo

INAMAT²-Departamento de Ciencias, Edificio de los Acebos,
Universidad Pública de Navarra, Campus de Arrosadía, 31006
Pamplona, Spain

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