# Special Issue

# Machine-Learning Methods for Complex Flows

### Message from the Guest Editors

We would like to invite you to contribute to a Special Issue of Energies on the subject area of “Machine-Learning Applications to Complex Flows”. We are experiencing a rapid development of efficient data-driven methods to predict, analyze and simulate a wide range of complex turbulent flows. Our aim is to provide a complete view on the potential of these methods in the coming years, both for researchers and practitioners. This Special Issue will deal with novel data-driven techniques to study complex flows. Topics of interest for publication include, but are not limited to:

- Neural networks
- Bayesian regression
- Gaussian processes
- Uncertainty quantification
- Optimization
- Flow reconstruction
- Remote sensing
- Structure identification
- Dynamical systems
- Modal decompositions
- Sustainability

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### Deadline for manuscript submissions

closed (20 January 2021)

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# About the Journal

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## Editor-in-Chief

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