



## Recent Advances in Organic Rankine Cycle (ORC)

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### Message from the Guest Editors

Dear Colleagues,

Organic Rankine cycle (ORC) systems are simple, inexpensive, and easy to use, and have been widely adopted for low-temperature waste heat recovery and renewable energy utilization. However, there are still several challenges for ORC and related systems, such as increasing energy efficiency, improving operation reliability, building effective components, reducing the costs of components and systems, reducing environmental impact, and so on. The purpose of this Special Issue is to attract state-of-the-art research and review articles on ORC systems and components, in a wide range of topics, including the following:

- ORC and polygeneration systems
- CO<sub>2</sub> power cycles
- Environmentally friendly organic fluids for power generation
- Experimental studies of ORC and related thermodynamic systems
- Turbine, heat exchanger, and pump design of ORC system
- New integrations of ORC with other energy systems
- Industrial applications of ORC
- All topics related to ORC





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## Message from the Editor-in-Chief

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