

## Special Issue

# Planning, Simulation, Optimization and Operation of District Heating and Cooling Systems

### Message from the Guest Editor

In this Special Issue, we invite papers that provide new insights and experiences as well as highlight new possibilities in planning, simulation, optimization, and actual operation of sustainable and cost-effective DHC systems. We look forward receiving papers that address one or more of the following issues:

(Spatial) planning methods and approaches (including non-technical aspects) for district heating and cooling concept development, extension, and transformation to 100% renewable-based systems;

New perspectives on modeling, simulation, and (techno-economic) optimization of DHC systems and its technical components;

DHC systems as an energy hub and part of a smart sector integration;

Development of novel monitoring and control methods for DHC systems and application of advanced data analysis methods.

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### Guest Editor

Dr. Ingo Leusbrock

AEE—Institute for Sustainable Technologies, Gleisdorf, Austria

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### Deadline for manuscript submissions

closed (31 October 2021)



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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Benjamin McLellan

Graduate School of Energy Science, Kyoto University, Yoshida-honmachi, Sakyo-ku, Kyoto 606-8501, Japan

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#### High Visibility:

indexed within Scopus, ESCI (Web of Science), GeoRef, PubAg, AGRIS, RePEc, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1  
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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 24.6 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2025).