



Ground Source Heat Pumps as Efficient and Sustainable Systems in Buildings

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Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is seeking papers on the entire ground-source heat pump system: ground heat exchangers, heat pump technology and new refrigerant fluids, open and closed loops, direct and indirect systems, hybrid systems, optimization of the system performance, system simulations, GSHPs integrated with other renewable energy (solar collectors, hybrid thermo-photovoltaic panels, air-to-water heat pumps, etc.), retrofitting of GSHPs, thermal response tests, design, equipment, control strategies, case studies, field measurements, etc.

Keywords:

- Ground source heat pump (GSHP) systems
- ground-loop heat exchanger models
- ground heat transfer
- hybrid ground source heat pump systems
- thermal response tests
- system simulations

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Message from the Editor-in-Chief

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