



Building Energy Audits-Diagnosis and Retrofitting towards Decarbonization and Sustainable Cities

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Message from the Guest Editors

Dear Colleagues,

Building audits, in one form or another, can be used to systematically collect the necessary data in order to gain adequate knowledge and a better understanding on the operations, energy use and prevailing indoor conditions of buildings. Topics of interest for this Special Issue include, but are not limited to:

- Methods and tools for building energy audits, surveys, diagnosis, inspections, assessment;
- Energy efficiency and conservation measures;
- Calculation, measurement, and verification of energy savings;
- Energy performance contracts and certificates, risk analysis, and assessment;
- Benchmarking energy use and carbon intensity, baselines and breakdown for end uses, financial assessment, and cost analysis;
- Facilitating audits, inspections, and data collection using information from smart systems, remote data collection and virtual audits;
- Exploiting automated processes using novel methods to collect and process data for large-scale built environments from geographic information systems (GISs) and global earth observations (GEOs), among others;
- Quantifying energy and carbon savings from renovations of large portfolios and building stocks;





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Message from the Editor-in-Chief

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