



The Application of Communication Technology in Smart Residential Communities

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Message from the Guest Editors

The goal of this Special Issue is to portray innovative approaches highlighting promising applications of communication technologies in residential communities that are aimed at increasing sustainable and environmental behavior and reducing resource consumption.

Example Topics

- integration of technological design and social characteristics
- social engineering and design
- adoption of smart home technologies
- forms and effects of feedback utilizing smart devices
- learning and habituation of energy consumption
- adaptive and individualized behavioral feedback
- communication technology affordances
- emotional displays of technologies
- effects of information representation
- use and effects of virtual assistants (such as Alexa and Siri)
- understanding of attitudes and behaviors, and characteristics of community residents and groups and organizations within the community
- support of sustainable behavior
- technological nudging
- human AI interaction and decision making





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