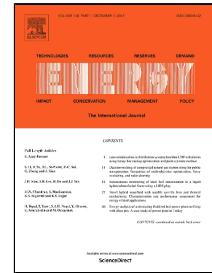


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Modeling urban building energy use: A review of modeling approaches and procedures

Wenliang Li, Yuyu Zhou, Kristen Cetin, Jiyong Eom, Yu Wang, Gang Chen, Xuesong Zhang



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Highlights:

1. Advances in urban buildings energy models are reviewed.
2. Strengths and weaknesses of urban building energy models are discussed.
3. The workflow of physics-based bottom-up models are illuminated.
4. Challenges and future research avenues in urban buildings energy use modeling are highlighted.

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