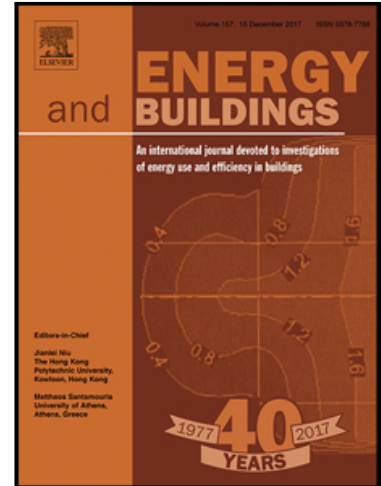


## Accepted Manuscript

Developing urban residential reference buildings using clustering analysis of satellite images

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**Highlights:**

- A method of defining representative buildings of a built-up residential building stock;
- Satellite images are used to generate 2D footprint and 3D building information models;
- The cluster analysis method is used for the classification of residential building archetypes;
- The method is tested in Yuzhong district for demonstration of the application

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