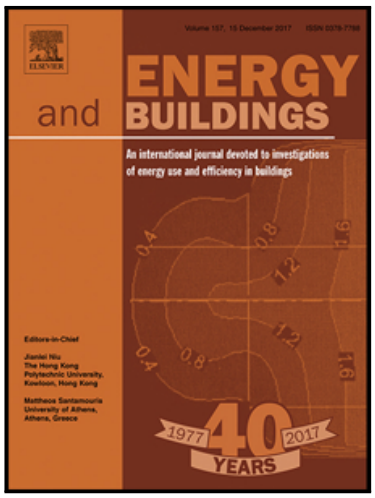

A field study on thermal comfort and air-conditioning energy use in an office building in Guangzhou

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Highlights

- A long term field study was conducted in an office building in Guangzhou.
- More than 90% of occupants accepted indoor temperature if it is no higher than 29^{o}C.
- Higher indoor temperature resulted in less energy consumption for cooling in summer.
- Occupants' thermal acceptance fitted better with adaptive model than PMV/PPD model.