Accepted Manuscript

Sensitivity analysis of energy performance and thermal comfort throughout building design process

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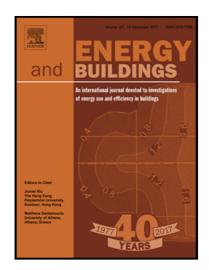
PII: \$0378-7788(17)32675-0

DOI: 10.1016/j.enbuild.2017.12.066

Reference: ENB 8259

To appear in: Energy & Buildings

Received date: 4 August 2017 Revised date: 29 November 2017 Accepted date: 29 December 2017



Please cite this article as: Richard Gagnon, Louis Gosselin, Stéphanie Decker, Sensitivity analysis of energy performance and thermal comfort throughout building design process, *Energy & Buildings* (2018), doi: 10.1016/j.enbuild.2017.12.066

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Highlights

- The sensitivity of energy consumption and comfort in a building is investigated
- 30 design variables related to architecture and HVAC&R systems are considered
- Total energy consumption was influenced by humidity set point and WWRs
- PMV is mostly influenced by infiltration rate, temperature setpoints and insulation
- Sensitivity of variables via traditional or integrated design processes is compared

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