

Accepted Manuscript

Title: The effect of occupancy on perceived control, neutral temperature, and behavioral patterns

Author: Marcel Schweiker Andreas Wagner

PII: S0378-7788(15)30365-0

DOI: <http://dx.doi.org/doi:10.1016/j.enbuild.2015.10.051>

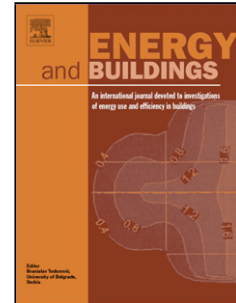
Reference: ENB 6245

To appear in: *ENB*

Received date: 7-7-2015

Revised date: 28-10-2015

Accepted date: 29-10-2015



Please cite this article as: M. Schweiker, A. Wagner, The effect of occupancy on perceived control, neutral temperature, and behavioral patterns, *Energy and Buildings* (2015), <http://dx.doi.org/10.1016/j.enbuild.2015.10.051>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- An experimental study in a field laboratory was conducted
- The experimental settings varied in the number of people in the room
- Perceived control decreased with a higher number of people
- Neutral temperatures were affected by perceived control
- Windows were more often opened, blinds and fans less often used

SI: Special Issue of Energy and Buildings on Advances in Building Energy Modeling and Simulation

The effect of occupancy on perceived control, neutral temperature, and behavioral patterns

Marcel Schweiker^{1,2*}, and Andreas Wagner¹

¹ Karlsruhe Institute of Technology, Building Science Group, Englerstr. 7, 76131 Karlsruhe, Germany, marcel.schweiker@kit.edu

² Heidelberg Academy of Sciences and Humanities, Karlstraße 4, 69117 Heidelberg, Germany

* Corresponding authors: marcel.schweiker@kit.edu

Abstract

Download English Version:

<https://daneshyari.com/en/article/6730437>

Download Persian Version:

<https://daneshyari.com/article/6730437>

[Daneshyari.com](https://daneshyari.com)