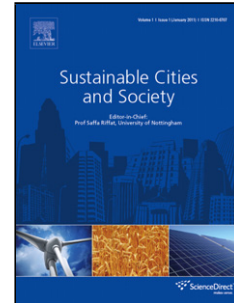


Accepted Manuscript

Title: INDOOR ENVIRONMENTAL QUALITY
PERCEPTION AND USERS' SATISFACTION OF
CONVENTIONAL AND GREEN BUILDINGS IN BRAZIL

Authors: D.O. Sant'Anna, P.H. Dos Santos, N.S. Vianna,
M.A. Romero



PII: S2210-6707(18)30860-6
DOI: <https://doi.org/10.1016/j.scs.2018.08.027>
Reference: SCS 1225

To appear in:

Received date: 13-5-2018
Revised date: 27-7-2018
Accepted date: 18-8-2018

Please cite this article as: Sant'Anna DO, Dos Santos PH, Vianna NS, Romero MA, INDOOR ENVIRONMENTAL QUALITY PERCEPTION AND USERS' SATISFACTION OF CONVENTIONAL AND GREEN BUILDINGS IN BRAZIL, *Sustainable Cities and Society* (2018), <https://doi.org/10.1016/j.scs.2018.08.027>

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.

INDOOR ENVIRONMENTAL QUALITY PERCEPTION AND USERS' SATISFACTION OF CONVENTIONAL AND GREEN BUILDINGS IN BRAZIL

D. O. SANT'ANNA ^{a, *}, P. H. DOS SANTOS ^a, N. S. VIANNA ^b, M. A. ROMERO ^c

^a Federal University of Itajubá

^b Escola da Cidade

^c Faculty of Architecture and Urbanism - University of São Paulo

*Corresponding author. Tel.: +5535 36291816; E-mail address: ornaghi@unifei.edu.br. Full postal address: Itajubá Campus. Av. BPS, 1303, Bairro Pinheirinho. P.O. Box 50. CEP: 37.500-903.

Itajubá, Minas Gerais, Brazil

Highlights

- This study compares users' indoor environmental quality (IEQ) perception and corporate satisfaction in green-certified and conventional buildings;
- It evaluates employees' and customers' perception in three green-certified and three conventional buildings, specifically bank branches;
- Semi-enclosed affective questionnaires were applied to observe statistical difference between the groups;
- Employees' IEQ perception and corporate satisfaction in green-certified buildings are higher than in conventional ones, but no significant difference was observed between the customers of green-certified and conventional buildings.
- Findings suggests a "green building effect" related to ecofriendly behavior of permanent occupants (employees), improving satisfaction overall, more into social corporate aspects than indoors environment.

Download English Version:

<https://daneshyari.com/en/article/10132147>

Download Persian Version:

<https://daneshyari.com/article/10132147>

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