



sustainability



Special Issue Reprint

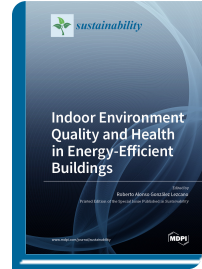
Indoor Environment Quality and Health in Energy-Efficient Buildings

www.mdpi.com/books/reprint/5282

Edited by
Roberto Alonso González Lezcano

ISBN 978-3-0365-3665-1 (Hardback)

ISBN 978-3-0365-3666-8 (PDF)



This Special Issue addresses a topic that is of great relevance as, nowadays, in developed countries, individuals spend most of their time indoors and, depending on each person, the presence at home ranges between 60% and 90% of the day, with 30% of that time spent sleeping. Considering these data, indoor residential environments have a direct influence on human health, especially considering that, in developing countries, significant levels of indoor pollution make housing unsafe, having an impact on the health of inhabitants. Therefore, housing is a key health factor for people all over the world, and various parameters, such as air quality, ventilation, hygrothermal comfort, lighting, physical environment, and building efficiency, can contribute to healthy architecture, as well as to the conditions that can result from the poor application of these parameters. The articles in this Special Issue thus address issues concerning indoor environmental quality (IEQ), which is described, more simply, as the conditions inside a building. This includes air quality, but also access to daylight and views, pleasant acoustic conditions, and occupant control over lighting and thermal comfort. IEQ also includes the functional aspects of the space, such as whether the layout provides easy access to tools and people when needed and whether there is sufficient space for the occupants. Building managers and operators can increase building occupant satisfaction by considering all aspects of IEQ rather than focusing on temperature or air quality alone.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/5282

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.