



sensors



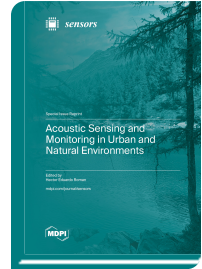
Special Issue Reprint

Acoustic Sensing and Monitoring in Urban and Natural Environments

www.mdpi.com/books/reprint/10027

Edited by
Hector Eduardo Roman

ISBN 978-3-7258-2277-5 (Hardback)
ISBN 978-3-7258-2278-2 (PDF)



Measurements of surrounding noise are essential to understand the harmful effects of anthropogenic origin in urban environments as the associated pollution may have deleterious consequences on human health. Moreover, monitoring the changes in soundscape in natural habitats due to human activity is of primary importance for the development of effective environmental policies aimed at restoring the natural equilibrium in affected areas. The main goal of this reprint is to present, in a compact fashion, recently developed advances in sensor technology and monitoring techniques devised by experts actively working in acoustic phenomena both in urban and natural environments. The contributions cover soundscape analysis, wildlife monitoring, the annoyance and perception of road traffic noise, vibrations and noise attenuation techniques, and the development of new and more specialized types of sound sensors for future applications.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/10027

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.