



sustainability



Special Issue Reprint

New Environmentally-Friendly and Sustainable Materials

www.mdpi.com/books/reprint/4954

Edited by

Alisson Mendes Rodrigues

Gelmires de Araujo Neves

Romualdo Rodrigues Menezes

ISBN 978-3-0365-3116-8 (Hardback)

ISBN 978-3-0365-3117-5 (PDF)



One of the great challenges of contemporary society is establishing a sustainable way of life in harmony with the environment without compromising economic growth and technological development. On the other hand, the increase in the world population has driven per capita consumption, and consequently, the generation of waste. Because of this, new materials are being developed from different types of waste.

This Special Issue aims to highlight and share recent scientific findings in the area of “New Environmentally Friendly and Sustainable Materials” manufactured from different material types (polymers, ceramics, metallics, and composites) and urban, industrial, mining and agricultural wastes. Moreover, scientific topics such as improving performance and durability, materials characterization, hybrid materials, foams and porous materials, trends and advances, and mechanical, electrical, magnetic, optical, and thermal properties will also be accepted.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/4954

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.