



*sustainability*



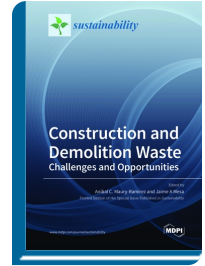
*Special Issue Reprint*

## **Construction and Demolition Waste: Challenges and Opportunities**

[www.mdpi.com/books/reprint/6003](http://www.mdpi.com/books/reprint/6003)

Edited by  
Anibal C. Maury-Ramirez  
Jaime A Mesa

ISBN 978-3-0365-5050-3 (Hardback)  
ISBN 978-3-0365-5049-7 (PDF)



The current production and consumption models of building materials are causing severe environmental and social problems worldwide. In this sense, construction and demolition waste (C&DW) are part of the problem and can be part of the solution, particularly in developing countries where the construction industry is growing very rapidly. Although many efforts have been made by stakeholders to increase the use of C&DW in construction materials, articulated efforts are required at global, national, and local scales to develop truly sustainable construction sectors. Therefore, this e-book, which is based on the “Special Issue on Construction and Demolition Waste: Challenges and Opportunities”, is an effort to articulate knowledge on novel and innovative building materials using C&DW and management systems to develop circular economy models (CE) for the construction sector. In this e-book, it is concluded that even though the valorization of C&DW has been developed worldwide, more incentives need to be provided to really convert the local and national construction chains in sustainable sectors, which appropriate the circular economy for production and consumption systems that improve, at the least, efficiency in terms of materials, water and energy use.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/6003](http://www.mdpi.com/books/reprint/6003)

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.