







Special Issue Reprint

Advances in Regenerated Asphalt Mixtures

www.mdpi.com/books/reprint/7211

Edited by Yuanyuan Li Tao Bai Jizhe Zhang Yangming Gao

ISBN 978-3-0365-7349-6 (Hardback) ISBN 978-3-0365-7348-9 (PDF)



The recycling of asphalt mixtures has significant contributions towards the reduction in greenhouse gases, pollution, natural resources, and energy consumption. Sustainable road materials and technologies can provide a powerful boost to "carbon-neutral strategies", and so it is crucial to continue moving towards improving these technologies and theories.

This Special Issue includes new findings in the field of regenerated asphalt mixtures, including the high-content regeneration of RAP, cold recycling technologies, regenerated mechanisms, eco-regenerating agents, and anti-aged materials. Additionally, novel materials, fast maintenance technologies, and functional materials are also addressed in this Special Issue, such as bio-asphalt materials, intelligent transportation, self-healing technologies, solid waste resource applications, numerical simulations, smart road materials and technologies, etc.





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.

MDPI AG Grosspeteranlage 5 4052 Basel Switzerland Tel: +41 61 683 77 34 www.mdpi.com/books books@mdpi.com

