

# Lecture Notes in Civil Engineering

Volume 529

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G. L. Sivakumar Babu · Raviraj H. Mulangi ·  
Sreevalsa Kolathayar  
Editors

# Technologies for Sustainable Transportation Infrastructures

Select Proceedings of SIIOC 2023

 Springer

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ISSN 2366-2557

ISSN 2366-2565 (electronic)

Lecture Notes in Civil Engineering

ISBN 978-981-97-4851-8

ISBN 978-981-97-4852-5 (eBook)

<https://doi.org/10.1007/978-981-97-4852-5>

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# Preface

Annually, huge funds are invested in the infrastructure that helps us as well as our goods transport from one place to another. It is the need of the hour to make the transport infrastructure industry sustainable with low carbon emission. This can be achieved only through innovative technologies that can address the challenges of the modern world.

This volume presents the select proceedings of the G20 C20 International Conference on Sustainable Infrastructure: Innovation, Opportunities and Challenges 2023 (SIIOC 2023) which showcase the remarkable diversity of thought and expertise that defines the field of civil engineering today. The main emphasis is on the vital mission of creating sustainable communities that will benefit not only our present but also the generations to come. The volume brings together a diverse array of cutting-edge research, methodologies and insights from leading researchers in the field. It explores the latest advancements in civil engineering that are not only transforming our urban landscapes but also nurturing environments where people can thrive while minimizing their ecological footprint.

We extend our heartfelt gratitude to all the authors, presenters, participants and reviewers who contributed to the success of the G20 C20 International Conference on Sustainable Infrastructure: Innovation, Opportunities and Challenges 2023 (SIIOC 2023).

We thank all the staff of Springer Nature for their full support and cooperation at all the stages of the publication. We hope that this book shall be beneficial to students, academicians, professionals and researchers.

Bengaluru, India  
Surathkal, India  
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Dr. Sreevalsa Kolathayar  
Dr. Raviraj H. Mulangi

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