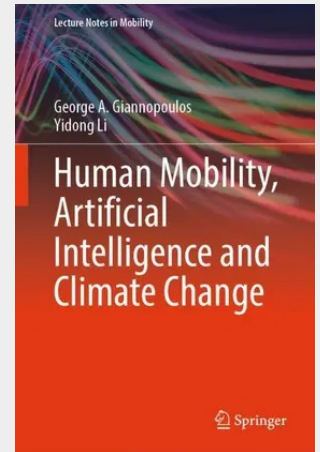


Human Mobility, Artificial Intelligence and Climate Change

This monograph offers a comprehensive discussion on the current challenges for developing future sustainable and resilient transport systems. It specifically focuses on the effects of two major shaping factors, namely climate change and the increased use of technologies, in particular artificial intelligence. It analyses issues and the relevant strategies adopted by different governments for facing social and environmental issues while planning the intelligent and decarbonized mobility of the future. Topics discussed in this book include: the use of artificial intelligence and big data in transportation and mobility, strategies for decarbonizing transport, the role of automated transport in future mobility, resilient transport infrastructures and other important related issues. Besides addressing researchers and professionals active in this field, this book will also offer an introduction on achievements and future challenges in mobility for newcomers.

This monograph offers a comprehensive discussion on the current challenges for developing future sustainable and resilient transport systems. It specifically focuses on the effects of two major shaping factors, namely climate change and the increased use of technologies, in particular artificial intelligence. It analyses issues and the relevant strategies adopted by different governments for facing social and environmental issues while planning the intelligent and decarbonized mobility of the future. Topics discussed in this book include: the use of artificial intelligence and big data in transportation and mobility, strategies for decarbonizing transport, the role of automated transport in future mobility, resilient transport infrastructures and other important related issues. Besides addressing researchers and professionals active in this field, this book will also offer an introduction on achievements and future challenges in mobility for newcomers.



149,79 €

139,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783032081704

Medium: Buch

ISBN: 978-3-032-08170-4

Verlag: Birkhäuser

Erscheinungstermin: 20.10.2025

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2025

Serie: Lecture Notes in Mobility

Produktform: Gebunden

Gewicht: 662 g

Seiten: 314

Format (B x H): 160 x 241 mm

