

Handbook of Research on Emerging Innovations in Rail Transportation Engineering

Part of the Advances in Civil and Industrial Engineering Book Series

B. Umesh Rai (Chennai Metro Rail Limited, India)

Description:

The rail-based transit system is a popular public transportation option, not just with members of the public but also with policy makers looking to install a form of convenient and rapid travel. Even for moving bulk freight long distances, a rail-based system is the most sustainable transportation system currently available.

The Handbook of Research on Emerging Innovations in Rail Transportation Engineering presents the latest research on next-generation public transportation infrastructures. Emphasizes a diverse set of topics related to rail-based transportation such as funding issues, policy design, traffic planning and forecasting, and engineering solutions.

Readers:

This comprehensive publication is an essential resource for transportation planners, engineers, policymakers, and graduate-level engineering students interested in uncovering research-based solutions, recommendations, and examples of modern rail transportation systems.

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Topics Covered:

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- Intelligent Transportation Systems
- Public Transportation
- Rail Funding and Financing
- Railway Safety
- Railway Signaling Systems
- Sustainable Transportation
- Traffic Management
- Transportation Planning

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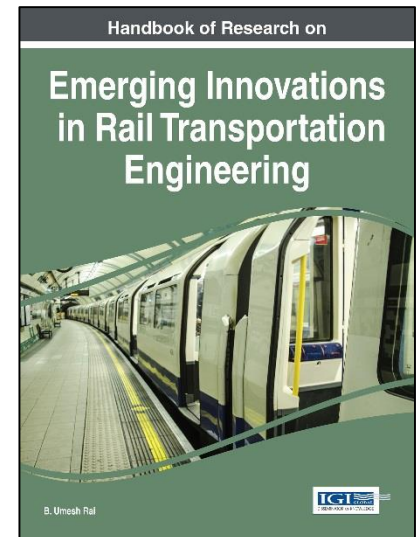
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Table of Contents

Section I

1. Past futures Innovation and the Railways of Nineteenth-Century London and Paris

Dr. Carlos Lopez Galvi
University of London, UK

2. The potential for rail transit as a way to mitigate accident risk: A case study in Chennai

Sumeeta Srinivasan
Harvard University, USA

3. Planning transit system for Indian cities: Opportunities and challenges

Dr. Arnab Jana
Indian Institute for Technology Bombay, India
Dr. Ronita Bardhan
Indian Institute for Technology Bombay, India

Section II - Finance

4. Railway investment appraisal techniques

Dr Milos Stojan Milenkovic
University of Belgrade, Serbia
Prof. Libor Švadlenka
University of Pardubice, Czech Republic
Prof. Nebojša Bojović
University of Belgrade, Serbia
Prof. Vlastimil Melichar
University of Pardubice, Czech Republic

5. Railway demand forecasting

Dr Milos Milenkovic
University of Belgrade, Serbia
Prof. Nebojša Bojović
University of Belgrade, Serbia

6. Emerging Value Capture Innovative Urban Rail Funding and Financing: A framework

Mr. Satya Sai Kumar Jillella
Curtin University, Australia
Prof. Sitharam T G
Indian Institute of Science, India
Dr. Anne Matan
Curtin University, Australia
Prof. Peter Newman
Curtin University, Australia

7. Analyzing intercity modal choice and competition between High Speed Rail (HSR) and other transport modes in Indian Context

Dr. Ashish Verma
Indian Institute of Science, India
Mr. Varun Raturi
Indian Institute of Science, India

8. Welfare economic principles of (urban) rail network pricing: First-best and second-best solutions

Prof. Jörg Schimmelpfennig
Ruhr-Universität Bochum, Germany
Section III - Safety

9. Challenges of Railway Safety Risk Assessment and Maintenance Decision

Prof. Min An
University of Birmingham, UK
Prof. Yong Qin
Beijing Jiaotong University, China

10. Formal Assurance of Signaling Safety: A Railways Perspective

Pallab Dasgupta
Indian Institute of Technology Kharagpur, India
Mr. Mahesh Mangal
Indian Railways, India

11. Automatic Software Testing Technology for Railway Signaling System

Dr. Jong-Gyu Hwang
Korea Railroad Research Institute, Korea
Hyun-Jeong Jo
Korea Railroad Research Institute, Korea

12. Automated Testing: Higher Efficiency and improved quality of testing command, control and signaling systems by automation

Dr. Michael Meyer zu Hörste
German Aerospace Center, Germany
Mr. Lennart Asbach

German Aerospace Center, Germany

Dr. Hardi Hungar

German Aerospace Center, Germany

13. Alertness monitoring system for vehicle drivers using physiological signals

Anwasha Sengupta
IIT Kharagpur, India
Mr. Anjith George
IIT Kharagpur, India
Mr. Anirban Dasgupta
IIT Kharagpur, India
Aritra Chaudhuri
IIT Kharagpur, India
Bibek Kabi
IIT Kharagpur, India
Prof. Aurobinda Routray
IIT Kharagpur, India
Part IV - Operation

14. Railway Operations Models: The OR Approach

Prof. Sundaravalli Narayanaswami
IIM Ahmedabad, India

15. A General Simulation Modelling Framework for Train Timetabling Problem

Dr. Özgür Yalçınkaya
Dokuz Eylül University Engineering, Turkey

16. Intelligent Transportation Systems: The State Of The Art In Railways

Prof. Sundaravalli Narayanaswami
IIM Ahmedabad, India

17. Integrated Traffic Management: TMS using Data from Traffic, Asset Conditions, Energy and Emissions

Dr. Michael Meyer zu Hörste
German Aerospace Center, Germany
Dr. Christoph Lackhove
German Aerospace Center, Germany
Mr. Thomas Böhm
German Aerospace Center, Germany

18. Disruption Management in Urban Rail Transit System- A Simulation Based Optimization Approach

Erfan Hassannayebi
Tarbiat Modares University, Iran
Dr. Arman Sajedinejad
Tarbiat Modares University, Iran
Mr. Soheil Mardani
Tarbiat Modares University, Iran
Part V - Engineering

19. Steady State Modeling of Electric Railway Power Supply Systems for Planning and Operation Purposes

Dr. Pablo Arbolea
University of Oviedo, Spain

20. Online Condition Monitoring of Traction Motor

Anik Kumar Samanta
Experimental Lab, India
Mr. Arunava Naha
Experimental Lab, India
Mr. Devasish Basu
Indian Railways Experimental Lab, India
Prof. Aurobinda Routray
IIT Kharagpur, India
Dr. Alok Kanti Deb
IIT Kharagpur, India

21. Dynamic Analysis of Steering Bogies

Prof. Arun K. Samantaray
IIT Kharagpur, India
Miss Smitrupa Pradhan
IIT Kharagpur, India

22. Ventilation and Air Conditioning in Tunnels and Underground Stations

Dr. Frederic Waymel
Egis Tunnels, France
Mr. Christophe Butaud
Egis Tunnels, France