



Dear readers, dear authors,

The modern world faces significant challenges in transportation and logistics, as rapid urbanization, technological advancements, and environmental pressures continuously reshape the way we move people and goods. These challenges demand innovative solutions and a scientific approach to developing sustainable, efficient, and resilient transport systems. The global imperative to achieve sustainability goals further emphasizes the urgency for the transport sector to adopt transformative technologies and practices. Only through intensive research and collaboration can we address these pressing issues and create a better future for generations to come.

In this special issue of Promet – Traffic&Transportation, we present 12 articles that explore a diverse range of topics, showcasing innovative approaches to solving contemporary transport and logistics challenges. The featured studies investigate critical areas such as pedestrian safety under varying street lighting conditions, cyber-resilience of autonomous maritime systems, and driver behaviour analysis at intersections. Furthermore, they delve into advancements in predictive control for energy-efficient train operations, optimization of logistics in fresh produce supply chains, and urban microcirculation planning using cutting-edge algorithms. Other contributions examine the integration of ride-hailing strategies, the prediction of vessel trajectories, and the evaluation of passenger flow safety in metro stations. Collectively, these articles aim to provide valuable insights and inspire further research and practical applications in the field.

We would like to express our deepest gratitude to the editorial board of Promet – Traffic&Transportation for entrusting us with the opportunity to serve as the guest editors of this special issue. Our heartfelt thanks also go to the reviewers, whose dedication and expertise were instrumental in ensuring the quality and impact of the selected articles. Most importantly, we extend our sincere appreciation to the authors, whose groundbreaking research and visionary perspectives have made this issue possible.

We invite all readers to explore the contributions of this special issue and leverage the findings in their own research and professional endeavours. Together, let us continue to innovate and shape the future of transportation and logistics toward a more sustainable and efficient tomorrow.

Yours truly,

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