

Special Issue

New Advances in Transportation Planning and Management to Facilitate Public Health and Environment

Message from the Guest Editor

The focus of the Special Issue is to promote improved public health and emerging environmentally friendly transport-integrated development. The interests of this Special Issue include the underlying concepts: 1. Planning level: transportation network design; passenger demand prediction; timetables; vehicle/train schedules; driver schedules; recharging infrastructure. 2. Operation/management level: energy-efficiency; user safety; control under the impact of COVID-19; maintenance; rescheduling; synchronization; speed adjustment; skip-stop; rolling stock or fleet size; user equilibrium; traffic flow theories; pedestrian dynamics; transit operational stability, spatial interaction network analysis; airport and air traffic; traffic environments. 3. Technical level: programming models; optimization problems; heuristic; exact algorithm; graph theory; game theory; in-vehicle assistant system; interdisciplinary application in transportation. 4. Future mobility: multimodal transportation; intelligent transportation systems; demand response transport; unmanned aerial vehicle route; public health.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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