

## Special Issue

# Intelligent Transportation System Influences on Driving Behavior and Traffic Safety

### Message from the Guest Editors

Intelligent transportation systems are showing new trends and characteristics, such as vehicle telematics, cooperative vehicle infrastructure system, autonomous driving. Different from the traditional road traffic environment, the perception, cognition, and decision-making behaviors of drivers in the intelligent and connected environment fundamentally change. They present potential opportunities for improved traffic safety, efficiency and energy savings; while the gradual penetration of intelligent connected vehicles also makes the traffic operation characteristics more complicated. Facing the changes in Intelligent Transportation Systems, it urgently needs to research the following issues in this field: analyzing characteristics of travel and driving behavior under the background of intelligent transportation systems, exploring the characteristics of traffic flow and the risk evolution under intelligent transportation system, modeling the impact of intelligent transportation technology on transportation systems; proposing driving behavior intervention and risk control method in the intelligent transportation system.

### Guest Editors

Prof. Dr. Nengchao Lyu  
Prof. Dr. Adriana Tapus  
Dr. Quan Yuan

### Deadline for manuscript submissions

closed (31 October 2023)



## International Journal of Environmental Research and Public Health

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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.

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