

Special Issue

Transport and Traffic Management for Green Environment

Message from the Guest Editors

In the field of transportation sciences, significant emphasis is placed on transportation infrastructure itself. Its utilization, efficiency, and control over traffic flow can be enhanced through the implementation of technological devices and advanced systems, commonly known as transport telematics or Intelligent Transportation Systems (ITSs). One of the key aspects of leveraging transportation infrastructure and shaping its future development is traffic flow modeling, autonomous operations, and their impact on the environment. The comprehensive application of mobility extends beyond major transportation structures, such as tunnels and bridges, to complex urban layouts in historic city centers, where it is crucial to prioritize quality of life, emission reduction, and other essential environmental factors affecting transportation. Intelligent Transportation Systems also require significant operational and maintenance costs, which are just as important as the development of new systems.

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