

Special Issue

Autonomous Driving and Intelligent Routing Systems in Sustainable Future Transportation

Message from the Guest Editors

The rapid advancement in technology over the past few decades has paved the way for significant innovations in the sustainable transportation system. Among these innovations, autonomous driving and intelligent routing systems are key and are anticipated to revolutionize the way we travel and manage transportation networks with better sustainability. Autonomous driving refers to the use of artificial intelligence (AI) and advanced sensor technologies to enable vehicles to navigate and operate with less human intervention. Intelligent routing systems leverage real-time data and advanced AI algorithms to optimize traffic flow and route planning. These systems can analyze current traffic conditions, predict future congestion, and suggest the most efficient routes for vehicles. They are integral to smart city initiatives and are designed to enhance the overall efficiency of sustainable transportation networks.

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