



Traffic Infrastructure Sustainability in Autonomous Driving and Smart Pavement Environments

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Message from the Guest Editors

The topics of this Special Issue include, but are not limited to:

- Durable pavement structure design for autonomous driving;
- Smart road planning and design;
- Transportation policies for infrastructure sustainability or smart roads;
- Self-diagnosis or self-healing of pavement damage;
- Energy harvesting pavement;
- Sensor system based on smart roads;
- Big data analysis based on smart roads;
- Vehicle trajectory perception and prediction based on smart roads;
- Life-cycle assessment of smart roads;
- Finite element simulation of pavement service life under autonomous trucks;
- Simulation models of mixed traffic flow (autonomous driving and manual driving);
- Facility sustainability and optimal design under a mixed traffic environment;
- Urban planning strategies for maintaining sustainability under a mixed traffic flow environment;
- Environment friendly pavement materials and structures;
- Aging and recycling of pavement materials.





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Message from the Editor-in-Chief

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