INTERNATIONAL JOURNAL OF TRANSPORTATION SCIENCE AND TECHNOLOGY

Innovative research with broader impacts

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DESCRIPTION

Rapid urbanization, population growth, motorization, and automation have increased economic activities within and between cities. The demand for increased mobility often imposes stress on the physical infrastructures, and creates mobility, safety, resilience, and sustainability challenges to the transportation systems. The solutions to such issues may be infrastructure expansion, improved infrastructure management, etc. It may also include the use of new technologies to manage travel, and new materials, construction, monitoring, and maintenance techniques to keep facilities in a state of good repair. The International Journal of Transportation Science and Technology (IJTST) is a forum for researchers to disseminate innovative research that enhances the safety, efficiency, reliability, resilience, and sustainability of person and freight transportation. IJTST welcomes technical articles that contribute to the advancement of science and technology in all modes of transportation systems. While science and technology is the main theme of this journal, articles submitted for possible publication should also address the impacts of the new science and technology on the planning, design, construction, maintenance and operations of transportation facilities, and the quality of life of the end users. The ability to link the intellectual merit of scientific research with broader impacts, and discuss implementation issues makes IJTST of interest to not only researchers, but also policy makers, practitioners, innovators, and entrepreneurs. All the articles published in IJTST have been selected through a rigorous single-blind peer-review process under the direction of the Editorial Board.

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