Special Issue

Transport Geography, GIS and GPS

Message from the Guest Editor

With the proliferation of GPS devices and wireless communication technologies in daily life, recent years have witnessed an increasing number of GPS-equipped vehicles, reporting their real-time moving locations to data centers continuously. On the other hand, due to convenience and speed, vehicles have become one of the most common transportation methods to move around the city. As a result, trajectory data that record where and when people move are now being gathered and readily available on a large scale, providing us a time-evolving view to understand how city transport takes place from a data-driven perspective. Nonetheless, a considerable gap still exists between data collection and consequent extraction of actionable insights when building smart cities. Such a gap poses fundamental challenges to how we can achieve such insights. To narrow this gap, advanced mathematical techniques are necessary. This Special Issue aims to present state-of-the-art research achievements in addressing the above mentioned challenges in converting pervasive observation data to actionable insights, especially in the context of moving vehicles.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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