

Title: Recent development in data analytics for Intelligent Transportation Systems

Abstract:

Data analytics becomes a research focus in intelligent transportation systems (ITS), which can be seen in many projects around the world. Intelligent transportation systems will generate a large amount of data. These data will have deep impacts on the application of smart cities and transportation systems, which makes transportation system safer, more efficient, and greater user satisfaction. Various sensors are used to achieve these tasks. The sensors can broadly classify into two categories, i.e. road side sensors and in-vehicle devices. Based on the individual sensor and the combination of roadside sensors and in-vehicle devices, we will discuss the technologies used for various new applications.