

Session 1.2.3 Modeling Transportation-Related Emissions Using GIS

Presenter

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Peng Wu is a doctoral student at the University of California Davis. This paper includes research about using a GIS-based platform to integrate spatial variations in a new way and pinpoint critical source data such as local vehicle population data, land uses, and detailed travel activities. According to one professor at the University, this focus on collecting data inventories for evaluating mobile source emissions is critical to developing efficient mitigation and control strategies for climate change and reducing ozone. (Student Paper Contest Winner)