

METRANS

SPRING 2025

SPEAKER SERIES

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12- 1 PM PST
RGL 215

Lunch provided

Evaluating the Impact of the Clean Miles Standard Program on the Transportation System: A Microscopic Simulation in San Francisco



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In California, the transportation sector accounts for about 50% of greenhouse gas (GHG) emissions when accounting for fuel production and the emergence of transportation network companies (TNCs) such as Uber and Lyft as a growing source of vehicle-miles-traveled (VMT) and GHG emissions. As directed by Senate Bill (SB) 1014, the California Air Resources Board (CARB) developed the Clean Miles Standard Program in order to reduce GHG emissions from TNC vehicles and increase the use of zero-emission vehicles (ZEV). This project aims to evaluate the potential mobility and environmental impact of TNCs and the entire transportation system with the implementation of Clean Miles Standard by using an effective agent-based simulation model that accommodates potential shared, electric, connected and automated applications.



RSVP VIA QR CODE OR LINK BELOW:

<https://forms.gle/MopF11KiaERvyfSQ7>

 **Zoom** <https://usc.zoom.us/j/98793874966>

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