



Training in ChargeEval : UW's Simulation Tool for Electric Vehicle Travel and Charging

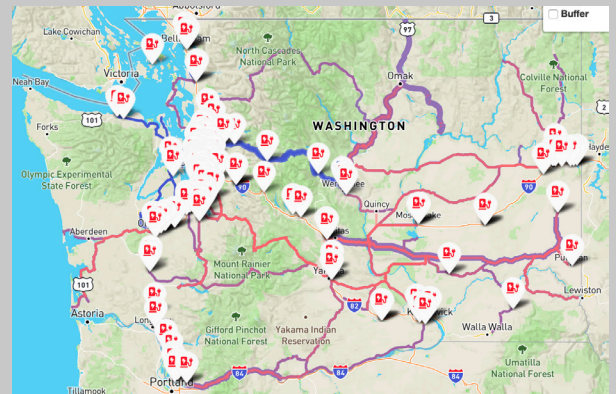
Wednesday, June 16, 2021
12:00pm - 1:00pm PDT

Registration Required: <https://washington.zoom.us/meeting/register/tJMsdU2qrDwoGNZCrq-r5t82ICmlrR2zICG->

Description

ChargeEval is a tool that supports evaluation of potential EV charging sites along Washington's major travel corridors. ChargeEval combines empirically based models of travel choice and charging behavior, an agent-based simulation framework, and convenient web-based interfaces for specifying new charging stations and viewing simulation results.

This training session will be led by UW Associate Professor Don MacKenzie and Dr. Chintan Pathak. Professor MacKenzie will give an overview of the modeling approach, including essential underlying models and data sources. Dr. Pathak will then provide a practical demonstration of ChargeEval. We will close with an opportunity for questions.



Presenters



Don MacKenzie, PhD

Associate Professor, Civil and Environmental Engineering
University of Washington



Chintan Pathak, PhD

Research Associate, Civil and Environmental Engineering
University of Washington

Agenda

- 12:00-12:20 Overview of underlying models of travel demand, EV use, and charging choices (MacKenzie)
- 12:20-12:45 Using the ChargeEval web tool to specify scenarios and view results (Pathak)
- 12:45 - 1:00 Q&A