



# Prof. Yin Hai Wang

Tuesday, May 19

12:30 - 1:30PM PST

## About PacTrans

PacTrans is the USDOT designated University Transportation Center for Federal Region 10. Our focus is developing data-driven solutions to the diverse mobility challenges in the Pacific Northwest.

Incorporating seven universities in Region 10, we strive to be the region's research engine, technology transfer showcase, education leader, workforce development base, and collaboration platform.



### PACTRANS

Region 10 UTC  
pactrans@uw.edu  
pactrans.org

## PacTrans Webinar Series Presents

*Learning from Network-wide Traffic Sensor Data: Vehicle Travel and Traffic Performance Changes under the Influence of COVID-19*

Registration Link: [https://washington.zoom.us/webinar/register/WN\\_std28K8BTfSTqGcbtNKT1Q](https://washington.zoom.us/webinar/register/WN_std28K8BTfSTqGcbtNKT1Q)

The COVID-19 pandemic has caused a profound impact on our daily lives. Over the past several months, Washington State implemented several countermeasures against COVID-19, including state-wide school closures on March 13, shutting down all restaurants and bars on March 15, stay home and stay health order on March 23, etc. These measures have affected travel demand and road transportation conditions across our network. Quantifying travel and traffic performance changes associated with these countermeasures is extremely valuable for transportation professionals and policy makers. With support from PacTrans, the Smart Transportation Applications and Research (STAR) Lab at the University of Washington recently developed an online platform called [Traffic Performance Score \(TPS\) Website](#), that quantifies and visualizes traffic performance in real time or at predetermined times at either the segment or network level for the central Puget Sound area freeway network. In this webinar, the speaker will share interesting observations on vehicle travel and traffic performance changes under the influence of COVID-19 using the publicly accessible functions with this online tool.

**Dr. Yin Hai Wang** is a professor in transportation engineering at Civil and Environmental Engineering and adjunct professor at Electrical and Computer Engineering of the University of Washington (UW). He is also the founding director of the UW STAR Lab and has served PacTrans' Director since 2012. Dr. Wang is the 2018-2019 president of Transportation & Development Institute (T&DI) at American Society of Civil Engineers (ASCE). He started the ASCE Connected and Autonomous Vehicle Impact Committee in 2017 and co-chaired the 2018 and 2020 ASCE International Conference on Transportation and Development (ICTD).

