



WEBINAR: Considering Traffic-Related Air Pollution in Bicycle Route Planning

Wednesday, February 7, 2018

10:00 – 11:00am PST

Register at: bit.ly/UCR_Bike

Local, regional, and state agencies across the nation are making efforts to increase bicycle infrastructure. The typical planning process for locating new bicycle infrastructure considers a multitude of factors, such as available right-of-way, vehicular traffic volumes, safety concerns, among others. However, exposure to traffic-related air pollution is rarely considered but should be. Bicyclists are directly exposed to vehicular exhaust, which has been proven to contribute to a wide range of health problems such as lung and heart diseases. New research from the University of California, Riverside (UC Riverside) provides insight on how the inclusion of traffic-related air pollution can change the outcome of bicycle route planning. To demonstrate this point, the research team worked with the City of Riverside to compare the results of bicycle route planning when exposure to traffic-related air pollution is included as part of the analysis and when it is not.

Speakers:

- **Kanok Boribsoonsomsin** – Associate Research Engineer, Center for Environmental Research and Technology, University of California, Riverside
- **Ji Luo** – Assistant Specialist, Center for Environmental Research and Technology, University of California, Riverside

Guest Respondents:

- **Nathan Mustafa** – Senior Traffic Engineer and Bicycle Coordinator, City of Riverside
- **Bill Nesper** – Executive Director, The League of American Bicyclists

A final research report and policy brief on this project are available for download here:

<https://ncst.ucdavis.edu/project/biking-in-fresh-air-consideration-of-exposure-to-traffic-related-air-pollution-in-bicycle-route-planning-2/>

This webinar features new research from the National Center for Sustainable Transportation (NCST) with funding from the California Department of Transportation. NCST is a consortium of leading universities committed to advancing an environmentally sustainable transportation system through cutting-edge research, direct policy engagement, and education of our future leaders. Consortium members include University of California, Davis; University of California, Riverside; University of Southern California; California State University, Long Beach; Georgia Institute of Technology; and The University of Vermont.

Questions can be directed to Natalie Ruiz at natruiz@ucdavis.edu or (530) 752- 7055.