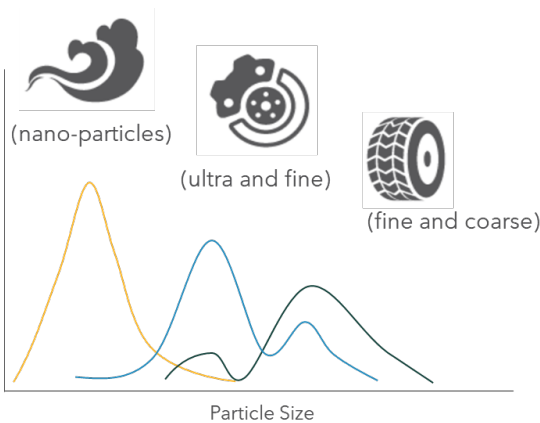




Center for Advancing Research in
Transportation Emissions, Energy, and Health
A USDOT University Transportation Center

Vehicular Non-Exhaust Emissions Research in California: Understanding the Characteristics of the Emissions

WEBINAR



Non-exhaust emissions from mobile sources have increased as tailpipe emissions have been substantially reduced in response to stringent emissions standards in California. Understanding the characteristics of brake- and tire-wear emissions would be the primary task in assessing potential adverse health effects of the emissions, particularly in communities near roads, due to the presence of heavy metals in the PM. The California Air Resources Board has undertaken investigations to characterize airborne non-exhaust PM emissions and their potential health effects. This webinar will outline its overarching research goals, the findings from completed studies, and the status of ongoing research in California.

Dr. Seungju Yoon, California Air Resources Board



Dr. Yoon oversees mobile source research programs at the California Air Resources Board. Dr. Yoon has directed multiple non-exhaust emissions research programs, including brake-wear measurement and chemical characterization, roadside non-exhaust emissions measurement, in-use vehicle non-exhaust emission measurement and exposure assessment, and train brake and wheel-wear characterization. He has over 25 years of experience in transportation and air quality research and policy development.



**SEP 18
2024**

11:00 A.M. – 12:00 P.M. CST.

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