

Book Chapter

Arunachalam S., Valencia A., Silva A., Huang J., Omary M., and Vennam L.P. (2017) A global-scale multi-resolution study of surface air quality impacts from commercial aircraft emissions. *Air Pollution Modeling and its Application XXV*, C. Mensink and G. Kallos eds.

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- Valencia A., Arunachalam S., Isakov V., Naess B., and Serre M. (2020) Improving emissions inputs via mobile measurements to estimate fine-scale black carbon monthly concentrations through

geostatistical space-time data fusion. Presented at the *19th Annual Models-3/CMAS Users Conference, Chapel Hill, NC, October 26-30.*

Valencia A., Serre M., Yang D., and Arunachalam S. (2020) Traffic-related PM_{2.5} and NO₂ health risk assessment in the United States: a fine-scale hybrid modeling approach. Presented at the *18th Annual Models-3/CMAS Users Conference, Chapel Hill, NC.*

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