

## **Surface ozone chemistry in two megacities, Shanghai and Tianjin, China**

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In my talk, I will present a systematic analysis of surface ozone in Shanghai and Tianjin, the two major megacities of China, based on in-situ observations of ozone and its precursors during field campaigns in Shanghai and Tianjin. The results include the spatial and temporal characteristics and variations of ozone and its precursors, the photochemical attributes and precursor contributions to ozone production, the effects of aerosols and ultraviolet radiation in ozone photochemical production, as well as a comparative study of ozone problems between the two cities. Suggestions for ozone control strategy for the two megacities based on this study will be given at the last.