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Attribution of Aerosol Direct Radiative Forcing in China and India to Emitting Sectors

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Abstract

Strict emission control measures are being implemented in China and India to improve air quality and protect human health, yet current air quality driven and sector based measures without consideration of climate effects would likely accelerate warming. In this study, we attribute aerosol direct radiative forcing in China and India to emitting sectors using a fully online coupled meteorology-chemistry model (WRF-Chem, Weather Research and Forecasting Model coupled with Chemistry) for the entire year of 2013. Our simulations

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