



NOX FLUXES

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Airborne fluxes over London





Vaughan et al., 2016



Airborne fluxes over London



NO

NO2

NOx

Vaughan et al., 2016



Airborne fluxes over London



Standard NAEI

NAEI + RSD Road Transport Emissions

50% increase in NO_x emission

Ground fluxes

• NO_x measurements at the British Telecom Tower

• 177 m

- Beijing measurement tower •
- 300 m







Ground fluxes in London





Ground fluxes in Beijing

Future Work and Supporting Inventory Development





EddyPro vs Eddy4R wavelet



AGU Fall Meeting 2017

- W. Drysdale Eddy Covariance Measurements Assessing NOx Emission in London
 - Thursday 11:20 11:35
 - A42E-05, Room 393-394

- F. Squires Measurement of NOx and CO Fluxes from a Tall Tower in Beijing
 - Thursday 13:40 18:00
 - Poster Hall D-F, 2533