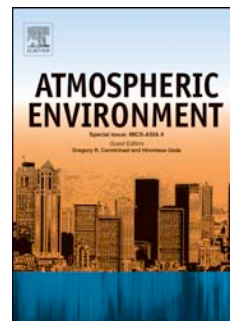


# Accepted Manuscript

Historic and future trends of vehicle emissions in Beijing, 1998-2020: A policy assessment for the most stringent vehicle emission control program in China

Shaojun Zhang, Ye Wu, Xiaomeng Wu, Mengliang Li, Yunshan Ge, Bin Liang, Yueyun Xu, Yu Zhou, Huan Liu, Lixin Fu, Jiming Hao



PII: S1352-2310(13)00928-X

DOI: [10.1016/j.atmosenv.2013.12.002](https://doi.org/10.1016/j.atmosenv.2013.12.002)

Reference: AEA 12633

To appear in: *Atmospheric Environment*

Received Date: 30 July 2013

Revised Date: 15 November 2013

Accepted Date: 3 December 2013

Please cite this article as: Zhang, S., Wu, Y., Wu, X., Li, M., Ge, Y., Liang, B., Xu, Y., Zhou, Y., Liu, H., Fu, L., Hao, J., Historic and future trends of vehicle emissions in Beijing, 1998-2020: A policy assessment for the most stringent vehicle emission control program in China, *Atmospheric Environment* (2014), doi: 10.1016/j.atmosenv.2013.12.002.

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**Highlights**

1. We report two decades' trends and the uncertainties in vehicle emissions in Beijing.
2. Emission reduction for NO<sub>x</sub> is much more difficult than other three air pollutants.
3. The stringent control program can significantly reduce future vehicle emissions.
4. Traffic controls are playing an essential role in mitigating urban vehicle emissions.
5. Natural gas buses are required to relieve the NO<sub>x</sub> and PM<sub>2.5</sub> burden for bus fleet.

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