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Atmospheric particulate mercury in the megacity Beijing: Spatio-temporal variations and source apportionment

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1 **Atmospheric particulate mercury in the megacity Beijing: Spatio-temporal**  
2 **variations and source apportionment**

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19 Keywords: Mercury (Hg), particle-bound mercury (HgP), urban aerosols, air  
20 pollution

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23 **Abstract**

24  
25 Particulate mercury (HgP) concentrations in weekly aerosol samples (PM<sub>2.5</sub> and TSP)  
26 from Beijing, China, were measured for a complete year. In addition, spatial  
27 differences were measured for a shorter time period at four different sites and  
28 potential source materials were analysed. Average HgP concentrations in PM<sub>2.5</sub>

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