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Atmospheric mercury in the Southern Hemisphere – Part 1: Trend and inter-annual variations in atmospheric mercury at Cape Point, South Africa, in 2007–2017, and on Amsterdam Island in 2012–2017

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Supporting information

Table SI1: Trends at Cape Point for the 2007 – 2014 period.

Species	Monthly	Annual slope	Unit	R, n, significance
GEM	average	16.91 ± 3.60	pg m^{-3} yr^{-1}	0.4436, 92, >99.9%
	median	16.18 ± 3.61		0.4273, 92, >99.9%
CO_2	average	2.072 ± 0.025	ppm yr^{-1}	0.9932, 96, >99.9%
	median	2.080 ± 0.020		0.9953, 96, >99.9%
Rn	average	-7.91 ± 12.76	mBq m^{-3} yr^{-1}	-0.0641, 95, ns
	median	-6.77 ± 7.03		-0.0994, 95, ns
CO	average	-1.152 ± 0.500	ppb yr^{-1}	-0.2313, 96, >95%
	median	-0.500 ± 0.356		-0.1434, 96, ns
CH_4	average	5.698 ± 0.659	ppb yr^{-1}	0.6655, 96, >99.9%
	median	5.849 ± 0.534		0.7490, 96, >99.9%
O_3	average	0.157 ± 0.236	ppb yr^{-1}	0.0685, 96, ns
	median	0.152 ± 0.253		0.0620, 96, ns

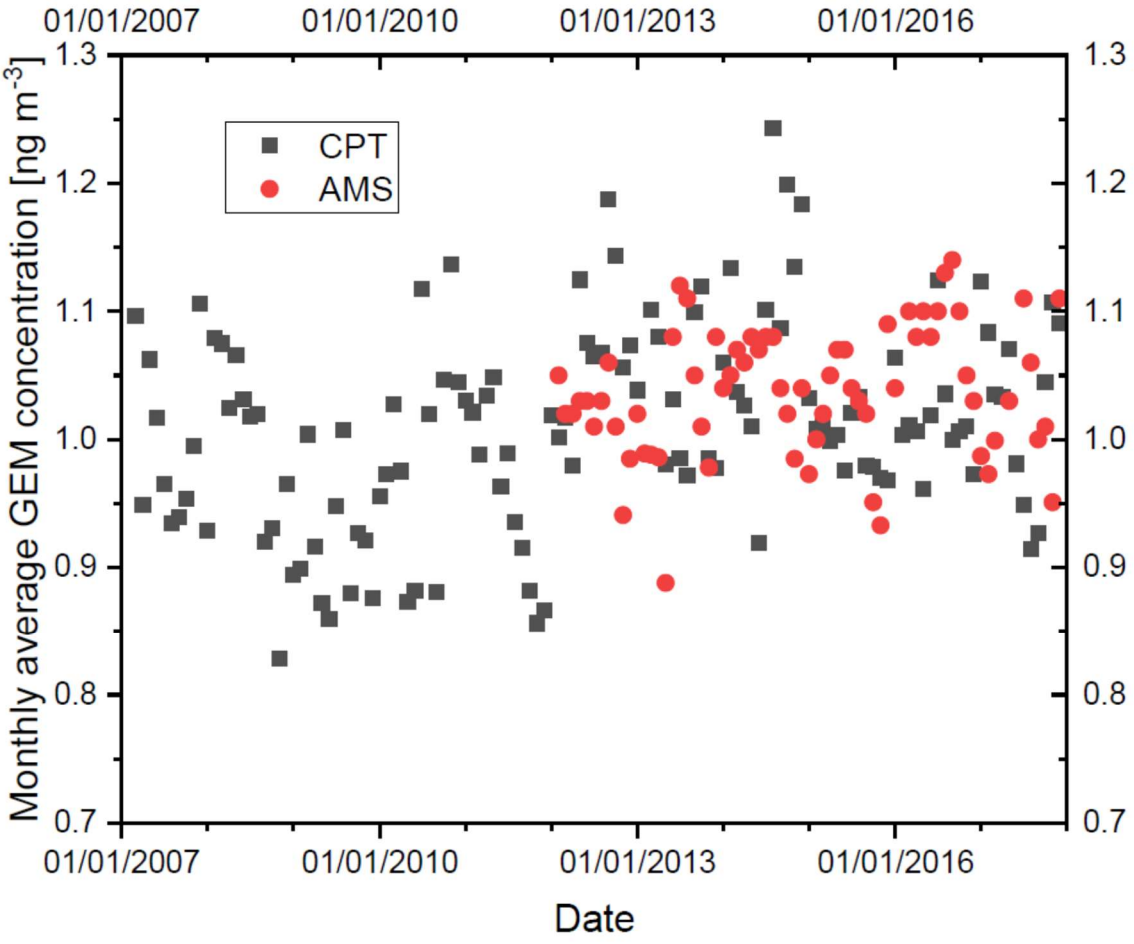

Figure SI1: Monthly median GEM concentrations at Cape Point (CPT) since March 2007 until December 2017 and at Amsterdam Island (AMS) since February 2012 until December 2017. Months with data coverage of less than 10% were not considered.