

SUPPLEMENTAL MATERIAL

Table S1. A summary of measured net emission fluxes of Hg⁰ for different land uses and seasons

Land use	Site location	Hg ⁰ flux (ng m ⁻² h ⁻¹)				Reference
		Spring	Summer	Fall	Winter	
Forest	New York (USA)	1.6 ± 3.0	1.5 ± 1.1	0.8 ± 1.0	0.2 ± 0.5	Choi and Holsen (2009)
	Maryland (USA)	1.0 ± 0.9	-0.1 ± 0.4	0.4 ± 1.1	1.4 ± 1.5	Moore (2011)
	Tennessee (USA)	0.0 ± 0.3	0.4 ± 0.3	0.9 ± 0.6	0.6 ± 0.5	Kuiken et al. (2008)
	Chongqing (China)	24.3 ± 9.9	12.8 ± 7.2	13.0 ± 6.2	6.1 ± 2.7	Ma et al. (2013)
Grassland	Maryland (USA)	2.0 ± 1.0	-0.5 ± 1.5	-0.2 ± 0.7	0.7 ± 0.5	Moore (2011)
	Virginia (USA)	-4.8 ± 25.5	2.5 ± 19.1	0.3 ± 16.8	4.1 ± 25.7	Converse et al. (2010)
Agriculture	Chongqing (China)	38.1 ± 66.8	7.4 ± 25.2	6.3 ± 11.9	N/R	Zhu et al. (2011)
	Chongqing (China)	61.2 ± 71.0	30.8 ± 34.0	15.5 ± 38.8	N/R	Zhu et al. (2011)
Bare soil	Chongqing (China)	25.9 ± 25.5	30.1 ± 27.1	21.8 ± 14.1	5.3 ± 5.1	Ma et al. (2013)

N/R, not reported

References

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