

Interactive comment on “First eddy covariance flux measurements of gaseous elemental mercury (Hg^0) over a grassland” by Stefan Osterwalder et al.

Anonymous Referee #1

Received and published: 17 September 2019

The paper “First eddy covariance flux measurement of gaseous elemental mercury over a grassland” should be accepted for publication in AMT.

I have only a few comments.

The paper title should be modified to be something like An improved method for eddy The word first should be deleted.

Line 9 change “crucial to improve” to “important to for understanding”.

Line 16 remove “the first successful”

Line 21 and 22 which should be that... please fix this throughout your document.

Interactive
comment

Line 27 should start as “This system has the potential”

Line 33 about is not very scientific change to approximately or ~

The authors should mention the fact that Hg(II) dry deposition is important to consider and the limitations associated with only measuring GOM.

Line 51 Get rid of “The”.

Line 94 a semicolon should be after h-1

Line 98 level should be replaced by concentration

Line 120 a comma is needed after harvest

Line 126 get rid of and was

Line 159 are should be were

Line 258 which is a further should be that is an improvement Line 262 get rid of however

Page 10 has a number of which that should be that

Line 367 comma needed after directions

Line 467 comma before but

Line 472 this sentence is really awkward I suggest you delete it

Line 502 would be better if it was “This study demonstrated an application of”

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2019-278, 2019.

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