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Dr Yves Balkanski
Editor, ACP

Dear Dr Balkanski,

Please find below our response to the second anonymous review of our paper: "On the use of radon for quantifying the effects of atmospheric stability on urban emissions".

We would like to thank the reviewer for their positive comments and suggested additional reference material. All comments are addressed individually below.

Kind regards,

Scott Chambers

Responses to specific comments

I only suggest to add some refs related to the subject. In this case, I would like to introduce Febo/Avino's papers. They wrote important papers in this field: they studied the behavior of gaseous pollutants according the radon concentration trend used as tracer of the dynamic of the low boundary layer.

Indeed, we had mistakenly omitted to reference important work by P. Avino in the original manuscript, and have done so in the revised text. Also, thank you for bringing the contributions of A. Febo in this field to our attention; we will also include references to recent works in the revised manuscript.