School of Engineering
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June 4, 2019

Dear reviewers:

We thank the reviewers for their efforts in reviewing our paper, and have responded to their questions and comments as outlined below.

Reviewer #1: This paper studied temporal variations of indoor contaminant concentrations due to Vapor Intrusion by analyzing the field data and performing simulations. Some interesting conclusions were obtained from the analysis of data. The method seems appropriate. Therefore, I suggest the paper to be accepted by addressing the following concerns:

We thank the reviewer for the positive assessment of our paper.

Comment 1. The graphic abstract should be more self-contained. Necessary explanations are suggested.

Since the graphical abstract is not an element required by this journal, we decided that since it seemed to raise more questions than it answered, it would be better to remove it entirely, rather than add even more complexity to it.

Comment 2. Please provide practical implications of the obtained conclusions. For example, how to detect or reduce peak concentration to protect human health?

We have done so as part of a significantly expanded "Conclusions" section, and thank the reviewer for suggesting this useful addition.

Reviewer #2: In my opinion it is a remarkably prepared material. During almost of 10 years of my experience as a reviewer I have never reviewed such an outstanding manuscript, both in terms of the structure and balanced proportion between the complexity and the way of presentation of material as well as the clarity of narration. It should be particularly appreciated due to the fact that presented material relates to quite complex issue like a long- term data elaboration and interpretation, which is even more difficult taking into account all possible factors influencing obtained results. I could not find any lingual, grammatical or punctuation slip. I strongly recommend to accept this manuscript for publication.

What can we say but thank you to this reviewer!

Sincerely,

Jonathan Ström