

Authors Response to Editor

Montpetit et al.

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1. The Short summary system section includes abbreviations. Please adapt your short summary avoiding abbreviations to make it better understandable for non-experts and please pay attention to use only 500 characters including spaces.

Abbreviations and character count have been addressed.

2. The ROR database lists the institution of the corresponding author but with a different city than given in the manuscript.

5 Please clarify whether the ROR Environment and Climate Change Canada (Ottawa, Canada) is still correct.

In the manuscript, only the province (Ontario) of the corresponding author was given since he has moved to a different section of ECCC which is in Toronto (Ontario) and no longer in Ottawa (Ontario).

2. Some figures are misplaced. Please place all the figures either in a text or after the references.

Figures are well positioned in the .tex file and the width of the figures were modified to ensure they are well positioned in the pdf. If this is an issue, I can quickly change this so that the figures are after the references in the pdf.

3. Figure 1 contains maps. To clarify whether a copyright statement or a credit must be given in the map itself or in the caption, we differentiate between (a) maps entirely created by you, (b) maps created by you but based on layers reused from other originators, or (c) maps simply reused from other originators. An example for (a) is a digital elevation model (DEM) purely based on measurement points collected by you and derived by using a software product. If you use an existing map layer from another originator as a basis for significantly enriching the map with your own content, this would be an example for case (b). Case (c) could be a pure reproduction of Google Maps where your own contribution is rather small (e.g. a city map where you only added a few marks for your study locations). If the map was entirely created by you (case a), there is no need to change the caption or map. Please simply inform us. To the contrary, if your map follows cases (b) or (c), please let us know whether the map is distributed under public domain. If yes, please do not include a copyright statement (copyright is waived) but consider adding a credit to the map or caption. However, if your map follows cases (b) or (c) and is not distributed under public domain, please include at least a credit or even a copyright statement (e.g. © Google Maps), if this is required by the map provider, in the map itself or in the caption.

Figure 1 corresponds to scenario a) where public facing data was used by the main author to generate the map shown in Figure 1. Reference to the datasets used in the Figure is included in the caption.