

Additional comments to authors-acp-2022-336

Based on the comments of two reviewers, who support the publication, and after my consideration, I have decided that the manuscript is of suitable atmospheric interest to merit publication in *Atmospheric Chemistry and Physics*. The results of this manuscript present useful information on the important impact of water-soluble organic carbon (WSOC) on snow albedo and the solar radiation balance. The authors have thoroughly responded all the questions/comments raised by the reviewers, and modified the manuscript according to the suggestions.

However, I have still some additional comments, which are needed to be solved before publication.

Comments/ errors: (Lines as in the revised version of MS with tracked changes)

Line 13/page 4: "And" can be deleted.

Line 16/17, page 6: Please correct as: »To address this deficiency, we made the first investigation...«

Line 9, page 9: Correct: "... until analysis." "... were first melted" (not firstly)

Lines 15-17, page 9: Please, correct (awkwardly written).

Line 16, page 14: Number of significant digits are now mostly good; but ..."18.0 $\mu\text{g g}^{-1}$ " should also be changed (18 $\mu\text{g g}^{-1}$). Please, check again your results throughout the manuscript!

Line 7, page 34: "...of WSOC, indicating that snowpack WSOC originates..." It should be "...of WSOC indicate that...".

Reviewer 2: 13. Page 10, Line 23: The author should give the full name of "HULIS".

No need, HULIS is already mentioned in the abstract. Just name it appropriately (humic-like substances).

Please, check again the English language; there are still errors.