

Dear Authors,

Thank you for the thoroughly revised version of your manuscript on fresh snow SSA. I am ready to accept your paper pending the minor modifications listed below. I also noticed a number of errors concerning the English language, so please have once again your text checked by a native English speaker.

Thank you for your contribution to The Cryosphere.

Best regards,

Florent Domine

Co-Editor-in-Chief

Page 4, paragraph 2. Are the numbers in parentheses measurements uncertainties? This is not clear. Units for radiation do not make sense. You should not use instrument sensitivity but actual uncertainty in W m^{-2} .

Page 5, line 11. “for aim of each analysis”. Not clear, please reword.

Page 14, line 10. Replace “Colonne” with “Calonne”.

Table 2. Under Dom2007, replace “French Alps, Arctic, Alaska” with “French Alps, Arctic Canada, Alaska, Svalbard”. Under Sch2014, replace “Swiss2 with “Switzerland”.

Figure 1 caption. Replace “belt conveyer” with “conveyor belt”. Same in main text. Replace “Potable developed device” with “Portable device developed”.

Please check Figure 13 caption. Should “Broken lines are results of linear approximation” be replaced with “Dashed lines are linear least-square fits”?