

Interactive comment on “Reflective properties of white and snow-covered sea ice” by Aleksey Malinka et al.

Anonymous Referee #1

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This paper is aimed at theoretical and experimental studies of reflective properties of white and snow-covered sea ice. I suggest the publication of this paper after minor corrections. The authors may address the following points:

1. I do not think that the mean photon path length (MPPL) coincides with $a_e f$ (p.3, line26). Please, define MPPL and establish the link. 2. Eq.(10) and similar equations belong please, signify that they have been derived at $k = 0.3$. Please, derive Eq.(11) 4.p.10, you show that $\tau = 0.67$ for your model. Do not you think that this is too small value taking into account that the scatteri

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