

Supporting information for “Modelled variations of the inherent optical properties of summer Arctic ice and their effects on the radiation budget: A case based on ice cores from CHINARE 2008–2016”

5 Miao Yu¹, Peng Lu^{1*}, Matti Leppäranta², Bin Cheng³, Rerbo Lei⁴, Bingrui Li⁴, Qingkai Wang¹, Zhijun Li^{1*}

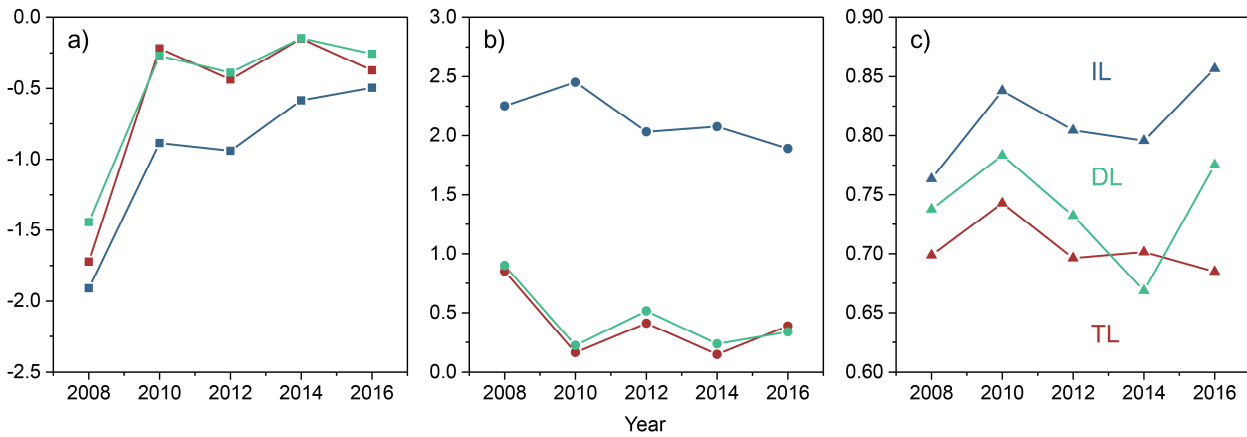
¹State Key Laboratory of Coastal and Offshore Engineering, Dalian University of Technology, Dalian, China.

²Institute of Atmosphere and Earth Sciences, University of Helsinki, Helsinki, Finland.

10 ³Finnish Meteorological Institute, Helsinki, Finland.

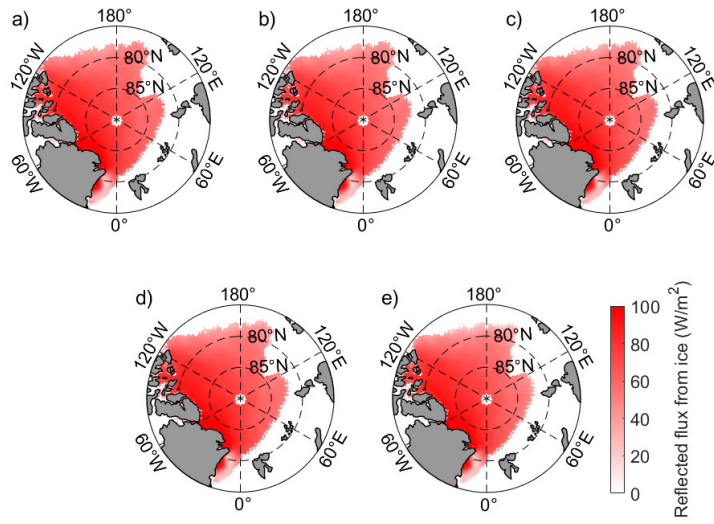
⁴MNR Key Laboratory for Polar Science, Polar Research Institute of China, Shanghai, China,

Correspondence to: Peng Lu (lupeng@dlut.edu.cn), Zhijun Li (lizhijun@dlut.edu.cn).



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Figure S1: a) Temperature, b) salinity, and c) density of top layer (TL), drainage layer (DL), and interior layer (IL) of ice cores during 2008-2016.



20 **Figure S2: Distribution of reflected solar radiation by sea ice in the summers of (a) 2008, (b) 2010, (c) 2012, (d) 2014, and (e) 2016 when sea ice thickness was on the decrease.**