



Supplement of

Modeled variations in the inherent optical properties of summer Arctic ice and their effects on the radiation budget: a case based on ice cores from 2008 to 2016

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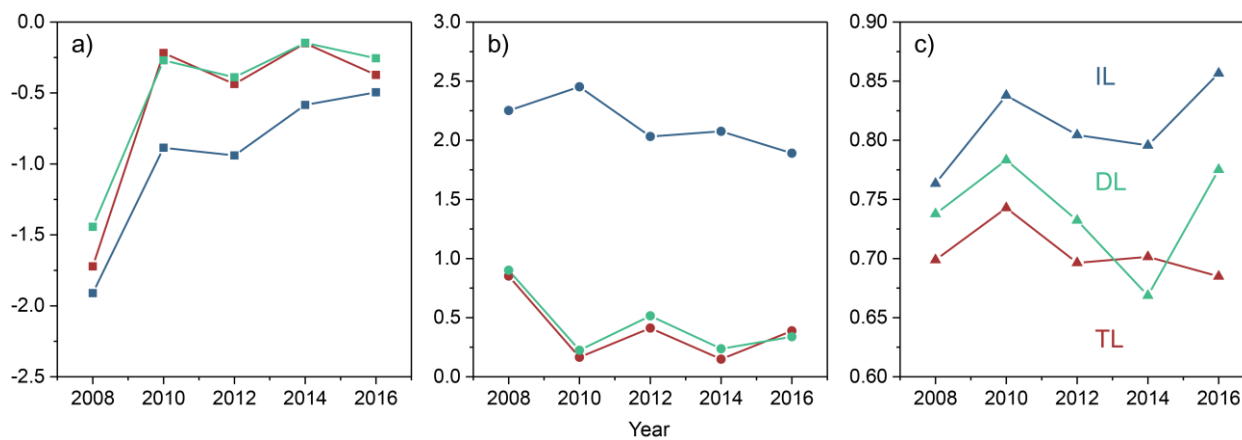


Figure S1: a) Temperature, b) salinity, and c) density of top layer (TL), drainage layer (DL), and interior layer (IL) of ice cores during 2008-2016.

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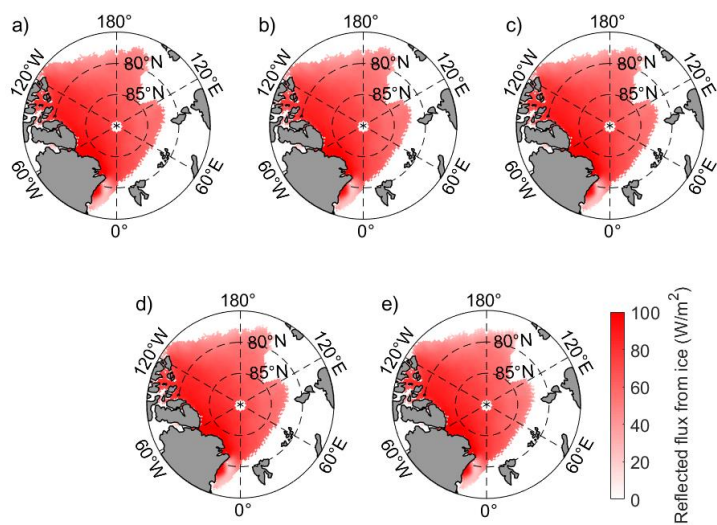


Figure S2: Distribution of reflected solar radiation by sea ice in the summers of (a) 2008, (b) 2010, (c) 2012, (d) 2014, and (e) 2016 when sea ice thickness was on the decrease.