

Referee report for “Using a region-specific ice-nucleating particle parameterization improves the representation of Arctic clouds in a global climate model” by Astrid Bragstad Gjelsvik and co-authors.

I am very happy with the actions that the authors have made in response to my comments and suggestions. All my concerns have been addressed with either modifications to the text, or additional analysis. I am very grateful to the authors for putting in additional effort to improve the manuscript. The revised manuscript is a welcome addition towards understanding aerosol impacts on Arctic clouds and climate. I recommend the revised manuscript is accepted for publication.