

## ***Interactive comment on “Remote sensing of lake water volumes on the Arctic Coastal Plain of Northern Alaska” by Claire E. Simpson et al.***

**Claire E. Simpson et al.**

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We would like to extend our appreciation for this constructive comment.

We have added additional information about how the data was collected and processed and included a brief discussion regarding the impact on the models if some of the removed data had been used in training (e.g. at lakes with insufficient samples, we would see model overfitting; if the anomalous bright points at the margins of Pik Dunes lakes had been used in training, the model would have had to reconcile associating very different spectral signatures with comparable depths and therefore model performance would have likely decreased).

2020.

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