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# ***Interactive comment on “A decade of supraglacial lake volume estimates across a land-terminating margin of the Greenland Ice Sheet” by A. A. W. Fitzpatrick et al.***

**A. Fitzpatrick**

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Received and published: 21 May 2013

Thanks for posting. In response to your questions;

1. Lake perimeters were determined using the NDWI classification before the depth reflectance function was applied to all pixels classified as 'lake'. To derive the thresholds for the classification lake margins were delimited from LANDSAT imagery and compared with corresponding MODIS imagery. Lake perimeter dGPS surveys were also compared with corresponding MODIS imagery to help determine which pixels covered the lake and which covered the surrounding ice. The same classification thresholds were applied to all the MODIS imagery, and were therefore not altered on a lake-by-

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lake basis.

2. We used an outboard motor!

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Interactive comment on The Cryosphere Discuss., 7, 1383, 2013.

**TCD**

7, C611–C612, 2013

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