

Journal Articles

2016-2019

Brezonik, P. L., R. W. Bouchard, Jr., J. C. Finlay, C. G. Griffin, L. G. Olmanson, J. P. Anderson, W. A. Arnold, and R. M. Hozalski. 2018. Color, chlorophyll a and suspended solids effects on Secchi depth in lakes: implications for trophic state assessment. *Ecol. Appl.* 29(3):e01871. 10.1002/eap.1871.

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Griffin, C. G., P. L. Brezonik, J. C. Finlay, L. Olmanson, R. M. Hozalski. 2018. Limitations on using CDOM as a proxy for DOC in temperate lakes. *Water Research* 44: 719-727. doi:10.1016/j.watres.2018.08.007.

Olmanson, L. G. and M. E. Bauer. 2017. Improved land cover classification of the Lake of the Woods/Rainy River Basin by integrating Landsat imagery with lidar and OBIA. *Lake Reserv. Manage.* 33: 335-346. DOI: 10.1080/10402381.2017.1373171.

Olmanson, L. G., P. L. Brezonik, J. C. Finlay, and M. E. Bauer. 2016. Comparison of Landsat 8 and Landsat 7 for regional measurements of CDOM and water clarity in lakes. *Remote Sens. Environ.* 185: 119-128. DOI: 10.1016/j.rse.2016.01.007

2011-2015

Brezonik, P. L., L. G. Olmanson, J. C. Finlay, and M. E. Bauer. 2015. Factors affecting the measurement of CDOM by remote sensing of optically complex inland waters. *Remote Sens. Environ.* 157: 199-215. DOI: 10.1016/j.rse.2014.04.033.

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Olmanson, L. G., P. L. Brezonik, and M. E. Bauer. 2011. Evaluation of medium to low resolution satellite imagery for regional lake water quality assessments. *Water Resour. Res.* 47: W09515. DOI:10.1029/2011WR011005.

2006 - 2010

Chavula, G., P. L. Brezonik, P. Thenkabail, T. Johnson, and M. E. Bauer. 2009. Estimating the surface temperature of Lake Malawi using AVHRR and MODIS satellite imagery. *Phys. Chem. Earth Pts. A/B/C* 34: 749-754.

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2001-2005

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Stadelmann, T. H., P. L. Brezonik, and S. M. Kloiber. 2001. Seasonal patterns of chlorophyll a and Secchi disk transparency in lakes of east-central Minnesota: implications for design of ground- and satellite- based monitoring programs. *Lake Reserv. Manag.* 17:299-314.

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Kloiber, S. M., T. H. Anderle, P. L. Brezonik, L. G. Olmanson, M. E., Bauer, and D. A. Brown. 2000. Trophic state assessment of lakes in the Twin Cities (Minnesota, USA) region by satellite imagery. *Arch. Hydrobiol. Spec. Issues. Advanc. Limnol.*, 55, 137-151.

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Heiskary, S., L. G. Olmanson, A. A. Gitelson, and J. Chipman. 2006. Remote sensing: Does it have a role? Assessing the nation's lakes. *NALMS LakeLine* 26(1): 27-35.

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Conference Proceedings

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