

MICHELE S. BUONANDUCI

Curriculum vitae

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EDUCATION

2017- **M.S.**, Quantitative Ecology and Resource Management, University of Washington
2008-2012 **B.A.**, Environmental Science, Boston University

ACADEMIC POSITIONS

2019- Graduate Teaching Assistant, University of Washington, Center for Quantitative Science
2017- Graduate Research Assistant, University of Washington, Quantitative Ecology and Resource
Management Program
2010 Undergraduate Research Assistant, Boston University, College of Arts and Sciences
Department of Geography and Environment

PROFESSIONAL POSITIONS

2015-2017 Staff Scientist, Arcadis U.S., Inc., Denver, CO
2013-2015 Scientist II, Arcadis U.S., Inc., Chelmsford, MA
2012-2013 Scientist I, Arcadis U.S., Inc., Chelmsford, MA

PUBLICATIONS

Judd, N., Y. Lowney, P. Anderson, S. Baird, S.M. Bay, J. Breidt, M. Buonanduci, Z. Dong, D. Essig, M.R. Garry, R.C. Jim, G. Kirkwood, S. Moore, C. Niemi, R. O'Rourke, B. Ruffle, L.A. Schaider, D.E. Vidal-Dorsch. 2015. Fish consumption as a driver of risk-management decisions and human health-based water quality criteria. *Environmental Toxicology and Chemistry* 34(11): 2427-2436.

Dillen, S.Y., M. Op de Beeck, K. Hufkens, M. Buonanduci, and N.G. Phillips. 2012. Seasonal patterns of foliar reflectance in relation to photosynthetic capacity and color index in two co-occurring tree species, *Quercus rubra* and *Betula papyrifera*. *Agricultural and Forest Meteorology* 160: 60-68.

PRESENTATIONS

Buonanduci, M., P. Anderson, and V. Houck. 2016. Probabilistic human health water quality criteria calculator. Poster. Presented at the Thirty-seventh Annual Meeting of the Society of Environmental Toxicology and Chemistry, Orlando, FL, November 6-10.

Francisco, A., M. Buonanduci, J. Gravenmier, J. Iannuzzi, T. Negley and S. Selden. 2015. Moving beyond risk quotients: Comparing dose-response effects to reproductive natural variability. Poster. Presented at the Thirty-sixth Annual Meeting of the Society of Environmental Toxicology and Chemistry, Salt Lake City, UT, November 1-5.

Buonanduci, M. and P.D. Anderson. 2014. Effect of probabilistic methods on human health ambient water quality criteria. Poster. Presented at the Annual Meeting of the Society for Risk Analysis, Denver, CO, December 7-11.

Buonanduci, M. and N. Phillips. 2010. The effect of urbanization on vegetation function. Poster. Presented at the Thirteenth Annual Boston University Undergraduate Research Symposium, Boston, MA, October 22.

HONORS AND AWARDS

2012 College Prize for Excellence in Geography & Environment, Boston University
2008-2009 College of Arts and Sciences College Scholar, Boston University