**Una Kim Miller**

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**Education**

2016-   
PhD Candidate, Ocean and Climate Physics   
Columbia University, New York, New York   
Advisor: Christopher J. Zappa 

2011-2015   
B.S., Oceanography   
University of Washington, Seattle, Washington   
Advisor: H. Paul Johnson

**Research Experience**

2016-2019

Masters Thesis Research

2014-2015

Undergraduate Thesis Research

2012-2015

Undergraduate Research Assistant

**Publications**

Wurl, O., Bird, K., Cunliffe, M., Landing, W. M., **Miller, U.**, Mustaffa, N. I. H., et al. (2018). Warming and inhibition of salinization at the ocean's surface by cyanobacteria. Geophysical Research Letters, 45, 4230–4237. <https://doi.org/10.1029/2018GL077946>

Johnson, H. P., **U. K. Miller**, M. S. Salmi, and E. A. Solomon (2015), Analysis of bubble plume distributions to evaluate methane hydrate decomposition on the continental slope, *Geochem. Geophys. Geosyst.*, 16, 3825–3839, doi:[10.1002/2015GC005955](https://doi.org/10.1002/2015GC005955).

Hautala, S. L., E. A. Solomon, H. P. Johnson, R. N. Harris, and **U. K. Miller** (2014), Dissociation of Cascadia margin gas hydrates in response to contemporary ocean warming, *Geophys. Res. Lett.*, 41, 8486– 8494, doi:[10.1002/2014GL061606](https://doi.org/10.1002/2014GL061606).

**Presentations**

**Service**