**Matthew G. Cooper**

Department of Geography

University of California Los Angeles

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**EDUCATION**

**Ph.D.** University of California Los Angeles, in progress, entry date September 2015, GPA 4.0

* Research topic: Hydrology of the Greenland Ice Sheet
* Advisor: Dr. Laurence C. Smith

**M.S.** Oregon State University, College of Earth, Ocean, and Atmospheric Science, 2015, GPA 3.98

* Thesis topic: Climate change impacts on snow in the Pacific Northwest
* Advisor: Dr. Anne W. Nolin

**B.A.** University of California, Santa Cruz, Environmental Studies & Earth Science, 2008, GPA 3.41

**GRE score percentiles:** Verbal 94%, Quantitative 80%, Writing 93%

**AWARDS & HONORS**

* OSU Water Resources Graduate Program outstanding conference presentation award, Pacific Northwest Climate Science Conference, 2014
* UCSC undergraduate honors program

**PUBLICATIONS & PRESENTATIONS**

1. Refereed Journal Articles
* **Cooper, M.G.**, Nolin, A.W., & Safeeq, M. (2016). The recent snow drought is an analog for climate warming impacts on Cascades snowpacks*.* *Environmental Research Letters,* in review, submitted January 2016
1. Selected Presentations at Meetings of Professional Societies
* Poster: **Cooper, M.G.**, et al. *“Initial steps toward a hydrologic ‘watershed’ model for the ablation zone of the Greenland Ice Sheet”* American Geophysical Union Fall Meeting, San Francisco, California, December 2015.
* Talk: **Cooper, M.G.**, A. Nolin, M. Safeeq. *“Modeling elevation-dependent climate warming impacts to snow: effects of temperature lapse rates”* International Conference on Alpine Meteorology, Innsbruck, Austria, September 2015.
* Talk: **Cooper, M.G.**, A. Nolin, M. Safeeq. *“Does Snowpack Sensitivity to Warming Temperature Differ Across the East/West Divide of the Cascade Mountains?”* Pacific Northwest Climate Science Conference, Seattle, Washington, September 2014.
* Talk: **Cooper, M.G.**, A. Nolin, G. Grant, M. Safeeq, S. Lewis, L. Hempel. *“Changing Snow Cover in the Oregon Cascades: A Modeling Study of the McKenzie and Deschutes Headwater Catchments”*. American Water Resources Association Annual Conference, Portland, Oregon, November 2013.
* Poster: **Cooper, M.G.**, A. Nolin, M.Safeeq. *“How does altitudinal variation of temperature in gridded forcing data affect modeled assessment of snow sensitivity to climate warming?”* American Geophysical Union Fall Meeting, San Francisco, California, December 2014.
* Poster: **Cooper, M.G.**, E. Sproles, A. Nolin, K. Rittger, T. Painter. *“Modeling Snow Cover Sensitivity to Warming Temperature Across a Climatic Gradient in the Oregon Cascades”*. American Geophysical Union Fall Meeting, San Francisco, California, December 2013.