

# BENJAMIN VEGA-WESTHOFF

2408 Windward Blvd Unit 204 ◊ Champaign, IL 61821

(573) 999 7112 ◊ bvegawe2@illinois.edu

## EDUCATION

---

- University of Illinois** *Dec 2016 - Present*  
PhD (expected) in Atmospheric Science
- University of Illinois** *Aug 2014 - Dec 2016*  
M.S. in Atmospheric Science  
*Thesis: Analysis of ENSO's response to unforced variability and anthropogenic forcing using CESM*  
GPA: 3.83/4
- University of Washington** *Sep 2011 - Aug 2013*  
M.S. in Astronomy  
GPA: 3.56/4
- University of Illinois** *Aug 2006 - May 2010*  
B.S. in Physics  
GPA: 3.96/4

## PUBLICATIONS

---

- Vega-Westhoff, B., and Sriver, R. L. (2017), Analysis of ENSO's response to unforced variability and anthropogenic forcing using CESM, *Nature Scientific Reports*, 7:18047, doi:10.1038/s41598-18459-8.
- Vega-Westhoff, B., Sriver, R. L., Hartin, C., Wong, T. and Keller, K. (In Preparation), The impact of sea-level rise as an additional calibration constraint for probabilistic projections.

## PRESENTATIONS

---

### Oral presentations

- Vega-Westhoff, B., Sriver, R. L., Hartin, C., Wong, T. and Keller, K. (2018): Toward probabilistic climate change assessment with the Hector simple climate change model, University of Illinois Department of Atmospheric Sciences seminar.
- Vega-Westhoff, B., Sriver, R. L., Hartin, C., Wong, T. and Keller, K. (2017): Hector enhancements: new energy balance and sea-level rise components and their Bayesian calibration, GCAM Community Modeling Meeting.
- Vega-Westhoff, B., Sriver, R. L. (2016): Analyzing the effects of unforced natural variability and anthropogenic forcing on ENSO variability using CESM, University of Illinois Department of Atmospheric Sciences seminar.

### Poster presentations

- Vega-Westhoff, B., Sriver, R. L., Hartin, C., Wong, T. and Keller, K. (2017): Toward probabilistic climate change assessment with the Hector simple climate change model, 2017 Midwest Student Conference on Atmospheric Research; 2018 Research Review of the School of Earth, Society, and Environment
- Vega-Westhoff, B., Sriver, R. L. (2015): Analyzing the effects of unforced natural variability and anthropogenic forcing on ENSO variability using the Community Earth System Model (CESM), 2015 AGU Meeting; 2016 Research Review of the School of Earth, Society, and Environment

## **TEACHING EXPERIENCE**

---

### **Teaching assistantships**

Atmospheric Science 201: General Meteorology

Atmospheric Science 140: Climate and Global Change

Astronomy 150: The Planets

Astronomy 101: Astronomy

Physics 101: College Physics

## **HONORS AND AWARDS**

---

- Outstanding poster (2nd place). 2018 Research Review of the School of Earth, Society, and Environment
- 2012-2013 NASA Earth and Space Sciences Fellow
- Phi Beta Kappa member
- University of Illinois Chancellor's Scholar

## **SERVICE AND OUTREACH**

---

- Invited lecture for ATMS 509: Risk Analysis
- Invited lecture for STAT 545: Spatial Statistics
- Member of American Geophysical Union