

# CURRICULUM VITAE

**Jacob Hileman**

*September 2016*

---

## PERSONAL INFORMATION

5555 Mt. Tabor Rd.  
Catawba, VA 24070 (USA)

Phone: +1-540-320-7711  
Email: [jhileman@ucdavis.edu](mailto:jhileman@ucdavis.edu)  
Skype: j.hileman

## EDUCATION AND DEGREES

Ph.D. Hydrologic Sciences  
University of California-Davis, Davis, California 2009-2016  
Department of Environmental Science and Policy  
Department of Land, Air and Water Resources

B.S. Integrated Science and Technology (ISAT)  
James Madison University, Harrisonburg, Virginia 2004-2008  
Area of Concentration: Environmental Science  
Minor: Spanish

## GRANTS AND AWARDS

### *Graduate:*

Fulbright U.S. Student Scholarship (El Salvador); Hydrologic Sciences Student Support Grant; Jastro-Shields Continuing Research Grant; Graduate Studies Travel Fellowship; Graduate Student Association Travel Award

### *Undergraduate:*

Magna Cum Laude; President's List; Dean's List; ISAT Academic Excellence Award; ISAT Integration Award

## PUBLICATIONS

Hileman, J., M. Bastos, and M. Lubell. (2016). Bridging organizations and the resilience of regional water governance networks. In preparation.

Hileman, J. and M. Lubell. (2016). Multi-level policy networks for regional water resources governance in Central America. In review at *Ecology & Society*.

Hileman, J., P. Hicks, and R. Jones. (2015). An alternative framework for analyzing and managing conflicts in Integrated Water Resources Management: linking theory and practice. *International Journal of Water Resources Development*, 1-17.

Powanda, R., J. Hileman, A. Sobel, and E. Thomas. (2009). Using poultry litter to our advantage. *James Madison University Undergraduate Research Journal*, 1: 25-29.

## **RESEARCH EXPERIENCE**

Research Assistant (Postdoc) September 2016-Present  
Dr. Örjan Bodin  
Stockholm Resilience Centre  
Stockholm University, Stockholm, Sweden

Graduate Researcher September 2009-August 2016  
Dr. Mark Lubell, Director  
Center for Environmental Policy and Behavior  
University of California-Davis, Davis, California

Project Consultant July-September 2014  
Hugh Aprile, Blue Harvest Program Manager  
Catholic Relief Services (CRS), Managua, Nicaragua

Project Consultant July 2010-December 2013  
Paul Hicks, Global Water Initiative Program Manager  
Catholic Relief Services (CRS), San Salvador, El Salvador

Undergraduate Research Internship 2007  
Center for Energy and Environmental Sustainability, Harrisonburg, Virginia

## **TEACHING EXPERIENCE**

Associate Instructor January-March 2016  
Department of Environmental Science and Policy  
University of California-Davis, Davis, California  
- Served as instructor for the course "Principles of Environmental Science."

Graduate Teaching Assistant 2009-2016  
Drs. Gwen Arnold, Marissa Baskett, Graham Fogg,  
John Largier, Mark Lubell, Jim Sanchirico, Mike Springborn  
Department of Environmental Science and Policy  
University of California-Davis, Davis, California  
- Assisted in teaching the following courses: Principles of Environmental Science; Water Policy; Water, Power and Society; Environmental Analysis; Environmental Policy; Public Lands Management.

Undergraduate Teaching Assistant

2006-2008

Drs. Tom Benzing, Joy Ferenbaugh, Mary Handley, Wayne Teel

Department of Integrated Science and Technology

James Madison University, Harrisonburg, Virginia

- Assisted in teaching Environmental Issues in Science and Technology, and Instrumentation and Measurement of the Environment.

## **CONFERENCE PRESENTATIONS AND INVITED TALKS**

Political Networks Conference (2016). St. Louis, Missouri. “Analyzing structural resilience in resource governance networks.”

Sunbelt Social Networks Conference (2016). Newport Beach, California. “Multi-scale policy networks for regional water resources governance.”

Sustainable Water Action Conference (2016). Tucson, Arizona. “Designing a Transdisciplinary Educational Experience – Bridging Perspectives to Address Water Challenges.”

Political Networks Conference (2015). Portland, Oregon. “Regional development institutions and the creation of small-world water governance networks at the local scale.”

American Water Resources Association (2014). Reno, Nevada. “Using social-ecological systems theory to analyze local-scale water conflicts.”

World Water Week (2013). Stockholm, Sweden. “Building peace through Integrated Water Resources Management.”

## **REPORTS AND OTHER DOCUMENTS**

Hileman, J. 2014. “Governing water resources in the Opalaca Biological Reserve: a case study of co-management, conservation, and coffee in rural Honduras.” Report for Blue Harvest.

Hileman, J., P. Hicks, and R. Jones. 2013. “Building peace through Integrated Water Resources Management.” Report for the Global Water Initiative.

Hileman, J. 2010. “The evolution of the community action plan to restore La Trinidad River.” Report for the Global Water Initiative.

## **LANGUAGE SKILLS**

I am fluent in Spanish and have worked, studied, and traveled extensively in Spanish-speaking countries, including Guatemala, El Salvador, Honduras, Nicaragua, Argentina, and Spain.