

## Colin D. Polsky, PhD

### Professional Preparation

The University of Texas at Austin	Mathematics, Humanities, French	B.S., B.A., 1994
The Pennsylvania State University	Geography	M.S., 1998; Ph.D., 2002
Harvard University	Science & International Affairs	Postdoctoral Fellow, 2001-03

### Appointments

Florida Atlantic University: Director, Center for Environmental Studies, and Professor of Geosciences, 2014 – present.

Clark University: Associate Professor, School of Geography, 2009 – 2014; Associate Dean for Undergraduate Research and Active Pedagogy, 2010 – 2012; Assistant Professor, School of Geography, 2003 – 2009.

### Selected Relevant Products (five maximum)

- Milman, Anita and **C. Polsky**, 2016. “Policy Frameworks Influencing Outdoor Watering Restrictions.” *Journal of the American Water Resources Association*. DOI: 10.1111/1752-1688.12409.
- **Polsky, C.**, J. Morgan Grove, Chris Knudson, Peter M. Groffman, Neil Bettez, Jeanine Cavender-Bares, Sharon Hall, James Heffernan, Sarah Hobbie, Kelli Larson, Jen Morse, Christopher Neill, Kristin Nelson, Laura Ogden, Jarlath O’Neill-Dunne, Diane Pataki, Meredith Steele, and Rinku Roy Chowdhury, 2014. “Assessing the Homogenization of Urban Land Management with an Application to US Residential Lawncare.” *Proceedings, National Academy of Sciences* 111(12) 4432-4437. DOI:10.1073/pnas.1323995111.
- Brown, D. G., **C. Polsky**, P. Bolstad, S. D. Brody, D. Hulse, R. Kroh, T. R. Loveland, and A. Thomson, 2014. “Ch. 13: Land Use and Land Cover Change.” In: Climate Change Impacts in the United States: The Third National Climate Assessment, J. M. Melillo, Terese (T.C.) Richmond, and G. W. Yohe, Eds., U.S. Global Change Research Program. URL: <http://nca2014.globalchange.gov/report/sectors/land-use-and-land-cover-change> .
- **Polsky, C.**, R. Neff, and B. Yarnal, 2007. “Building Comparable Global Change Vulnerability Assessments: The Vulnerability Scoping Diagram.” *Global Environmental Change*, 17: 472-485.
- Turner, B.L., R.E. Kasperson, P. Matson, J.J. McCarthy, R.W. Corell, L. Christensen, N. Eckley, J.X. Kasperson, A. Luers, M. Martello, **C. Polsky**, A. Pulsipher & A. Schiller, 2003. A Framework For Vulnerability Analysis In Sustainability Science. *Proceedings, National Academy of Sciences*, 100 (14): 8074-8079.

### Other Selected Products (five maximum)

- Lin, Elaine and **C. Polsky**, 2015. “A Livelihoods Vulnerability Index: The Case of Indigenous Communities and Typhoons in Mountainous Taiwan.” *Geographical Journal*. DOI:10.1111/geoj.12108.
- Larson, K.L., **C. Polsky**, P. Gober, H. Chang, and V. Shandas, 2013. “Vulnerability of water systems to climate change and urbanization: A comparison of Phoenix, Arizona and Portland, Oregon (USA).” *Environmental Management* 52(1): 179-195.
- Harris\*, E. M., **C. Polsky**, K. Larson, R. Garvoille\*, D.G. Martin, J. Brumand\*, and L. Ogden, 2012. “Heterogeneity in Residential Yard Care: Evidence from Boston, Miami, and Phoenix.” *Human Ecology* (40):735-749. DOI: 10.1007/s10745-012-9514-3

- Schröter, D., **C. Polsky**, and A. Patt, 2005. Assessing Vulnerabilities to the Effects of Global Change: An Eight-Step Approach. *Mitigation and Adaptation Strategies for Global Change*, 10(4): 573-595.
- **Polsky, C.**, 2004. “Putting Space and Time in Ricardian Climate Change Impact Studies: The Case of Agriculture in the U.S. Great Plains.” *Annals of the Association of American Geographers*, 94(3): 549-564.

*\*Indicates student co-author*

### **Current and Recent Synergistic Activities**

1. FAU research Center Director: responsible for visioning and implementing inter- and intra-university environmental program-building on topics of regional environmental sustainability, and for managing ~20 staff, and annual expenditures of \$1.3 million a year.
2. Co-Convening Lead Author, “Land-Use & Land-Cover Change” Chapter: National Climate Assessment, U.S. Global Change Research Program.
3. PI and co-PI, NSF projects: CNH, REU Site, LTER Social Science Supplement (PI); MACRO-BIO, CNH, Coastal SEES, ULTRA-ex, PIE-LTER, DMUU, RCN (co-PI). Responsibilities include strategizing & executing research in multi-site, multi-disciplinary teams, and managing & recruiting local team of ~30 people per year, on topics of socio-ecological dimensions of suburbanization.
4. Committee Member: National Academies of Science/National Research Council (NAS/NRC), Committee on Strategic Directions for the Geographical Sciences in the Next Decade, February 2008 – April 2010.
5. Associate Dean, Clark University, 2010–2012: co-leader for the development and implementation of new campus-wide, team-based undergraduate research programs.