

KELLY ANN STEVENS

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PROFESSIONAL APPOINTMENTS

ASSISTANT PROFESSOR, UNIVERSITY OF CENTRAL FLORIDA 2017-PRESENT

School of Public Administration, College of Community Innovation and Education
Resilient, Intelligent and Sustainable Energy Systems (RISES) Cluster

RESEARCH ASSOCIATE, SYRACUSE UNIVERSITY 2012-2017

Center for Policy Research; Center for Environmental Policy and Administration, Maxwell School of
Citizenship and Public Affairs

METEOROLOGIST, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION 2006-2012

Division of Air Resource Management, Office of Policy Analysis and Program Management

TEACHING ASSISTANT, FLORIDA STATE UNIVERSITY 2004-2006

Meteorology Department, College of Arts and Sciences

EDUCATION

SYRACUSE UNIVERSITY 2012-2017

Ph.D. Public Administration, Maxwell School of Citizenship and Public Affairs

Fields of specialization: Environmental Policy and Management; Science and Technology Policy

Dissertation Title: The Impact of Environmental Policies and Innovation on the Investment in
and Use of Natural Gas-Fired Combined Cycle Generators in the US Electricity Sector

Dissertation Committee: Peter Wilcoxon, David Popp, Sarah Hamersma, W. Henry Lambright,
Inês Azevedo (Carnegie Mellon University)

CARNEGIE MELLON UNIVERSITY 2015-2017

Visiting Student, Engineering and Public Policy, hosted by Inês Azevedo

FLORIDA STATE UNIVERSITY 2009-2012

MPA, Public Administration, Specialization: Environmental Management

FLORIDA STATE UNIVERSITY 2004-2008

MS, Meteorology, Advisor: Paul Ruscher

Thesis Title: Statistical Associations Between Large-Scale Climate Oscillations and Mesoscale Surface
Meteorological Variables in the Apalachicola-Chattahoochee-Flint River Basin

STATE UNIVERSITY OF NEW YORK COLLEGE AT ONEONTA 2000-2004

BS, Meteorology, Minor in Earth Science and Mathematics, *Magna cum laude*

TEACHING EXPERIENCE

PUBLIC ADMINISTRATION

Research Methods (PAD6700), Intergovernmental Administration (PAD4822), Economic Principles for Public Policy and Management (PAD6616), Geographic Information Systems (GIS) for Social Science (mini-course)

PAPERS & REPORTS

PUBLICATIONS

Stevens, K.A. (2018). Natural Gas Combined Cycle Utilization: An Empirical Analysis of the Impact of Environmental Policies and Prices. *The Energy Journal*, 39(5), 205-229.

Stevens, K.A. & Ruscher, P. (2014). Large Scale Climate Oscillations and Mesoscale Surface Meteorological Variables in the Apalachicola-Chattahoochee-Flint River Basin. *Journal of Hydrology*, 517, 700-714.

Bowman, J. & **Stevens, K.A.** (2013). Public Pay Disclosure in State Government: An Ethical Analysis. *The American Review of Public Administration*, 42(4), 476-492.

Stevens, K. A., DeAngelo, G., & Brice, S. (2011). Comparative study of selected greenhouse gas offset protocols. *International Journal of Climate Change Strategies and Management*, 3(2), 118-139.

BOOK CHAPTERS

Stevens, K.A. (2017). Organizational Understanding of the U.S. Environmental Protection Agency's "Unfinished Business." In G. Magill & K. Aramesh (Eds.), *The Urgency of Climate Change: Pivotal Perspectives*. Cambridge Scholars Publishing.

REPORTS

Stevens, K. A., DeAngelo, G., & Brice, S. (2010). Comparative Study of Selected Offset Protocols for Greenhouse Gas Reduction and Reporting Programs. Florida Department of Environmental Protection, Division of Air Resource Management, Office of Policy Analysis and Program Management.

WORKING PAPERS & UNDER REVIEW

Stevens, K.A.. Policy Anticipation and Capacity Investment: New NAAQS and the Natural Gas Capacity Boom. *Working paper*.

Stevens, K.A.. Natural Gas Combined Cycle Innovations in the US: The Impact of the Advanced Turbine System Program. *Working paper*.

PRESENTATIONS

CONFERENCES

1. Stevens, K.A., Bissessar, R. & Reedy, R. (2018). Barriers to Entry: Costs of Redundant Residential Solar Requirements. Association of Environmental Studies and Sciences. Washington, DC.
2. Stevens, K.A. (2017). Natural Gas Combined Cycle Innovations in the US: The Impact of the Advanced Turbine System Program. United States Association of Energy Economics. Houston, TX.

3. Stevens, K.A. (2016). Feasibility of Natural Gas Combined Cycle Utilization Targets: Evidence from Policy and Prices. United States Association of Energy Economics. Tulsa, OK.
4. Stevens, K.A. (2016). Utilization of Natural Gas Capacity in Response to U.S. EPA's Clean Power Plan. Association for Public Policy Analysis and Management Regional Student Conference. Washington, DC.
5. Stevens, K.A. (2015). Utilization of Natural Gas Capacity in Response to U.S. EPA's Clean Power Plan. Association for Public Policy Analysis and Management. Miami, FL.
6. Stevens, K.A. (2015). Understanding the 2001-2003 Boom in Natural Gas Capacity in the U.S. Electricity Sector. United States Association of Energy Economics. Pittsburgh, PA.
7. Stevens, K.A. (2015). Organizational Understanding of the U.S. EPA's "Unfinished Business." Duquesne University Presidential Conference on the Integrity of Creation: Climate Change. Pittsburgh, PA.
8. Stevens, K.A. (2015). Understanding the 2001-2003 Boom in Natural Gas Capacity in the U.S. Electricity Sector. Association of Environmental and Resource Economists 4th Annual Summer Conference. San Diego, CA.
9. Stevens, K.A. (2015). Utilization of Natural Gas Capacity in Response to the U.S. Clean Power Plan. Seventh International Conference on Climate: Impacts and Responses. Vancouver, BC.
10. Stevens, K. A., DeAngelo, G., & Brice, S (2010). Offset Protocols and Florida Cap and Trade Programs. 14th Annual Power Generation Conference. Orlando, FL.
11. Stevens, K. A., & Ruscher, P. (2008). Drought and its Relationship to Long-term Climatological Indicators in the Apalachicola-Chattahoochee-Flint River Basin. University of Florida Water Institute Symposium. Gainesville, FL.
12. Stevens, K. A., & Ruscher, P. (2008). Drought and its Relationship to Long-term Climatological Indicators in the Apalachicola-Chattahoochee-Flint River Basin. 88th Meeting of the American Meteorological Society, Conference on Hydrology. New Orleans, LA.

INVITED TALKS

1. "Air Quality Modeling for FDEP." ENV6106: Air Pollution Modeling. University of Central Florida, Orlando, FL. March, 2018.
2. "The Intersection of Energy Policy and Technology." EEL3290: Global Energy Issues. University of Central Florida, Orlando, FL. February, 2018.
3. "Natural Gas Combined Cycle Innovations in the US: The Impact of the Advanced Turbine System Program." Center for Climate and Energy Decision Making Student Seminar. Carnegie Mellon University, Pittsburgh, PA. December, 2016.
4. "Utilization of Natural Gas Capacity in Response to U.S. Clean Power Plan." Center for Climate and Energy Decision Making Student Seminar. Carnegie Mellon University, Pittsburgh, PA. April, 2016.
5. "State Environmental Agencies and Policy." POSC 202: State and Local Governments. Duquesne University, Pittsburgh, PA. March, 2015.
6. "Case Study on Florida DEP Greenhouse Gas Cap-and-Trade Rulemaking." PAI 730: Climate Change: Science, Policy and Perspectives. Syracuse University, Syracuse, NY. October, 2013.

GRANTS & FELLOWSHIPS

Maxwell Dissertation Fellowship: 2015-2016

USAEE Student Registration Fee Scholarship: 2015, 2016

Syracuse University Graduate Student Organization Travel Grant: 2015

Maxwell PAIA Summer Research Grant: 2013-2016

Center for Environmental Policy and Administration Summer Research Grant: 2013-2014

CONTRIBUTIONS TO OTHER GRANT WORK

1. “Cybersecurity risks of dynamic, two-way distributed electricity markets.” National Science Foundation. Conducting econometric modeling of high-frequency electricity demands by households, as well as an economic analysis of cybersecurity aspects of highly distributed electricity markets. January-May, 2017.
2. “Third-Party Evaluation of Say Yes in Buffalo.” The Say Yes to Education Foundation. Completed work using geographic information systems (GIS) for data analysis. 2015-2016

PROFESSIONAL ACTIVITIES

ACADEMIC SERVICE

Reviewer for: *Public Personnel Management*, *International Journal of Climatology*, *Journal of Urban Affairs*

Syracuse University Future Professoriate Program: 2013-2015

Listserv and website manager of Maxwell’s Energy and Environmental Policy Research Group: 2013-2016

PROFESSIONAL AFFILIATIONS

International Association for Energy Economics

United States Association for Energy Economics

Association of Public Policy Analysis and Management

TRAINING

1. California Air Resources Board (CARB): 509 The Current State of Developing Climate Change Policies and Implementation (February 2010); 273 Industrial Boilers (August 2009); 221 Continuous Emissions Monitors (August 2009); 230.4 Graphic Arts (August 2009); 230: Metal Parts and Processes (July 2008); 270 Incinerators (July 2008); 100 Uniform Air Quality Training Program (July 2007)
2. Emergency Management Institute of FEMA: ISC-230a Fundamentals of Emergency Management (January 2011); ISC-100b Introduction to Incident Command System (January 2011); IS-139 Exercise Design (January 2011); IS-00001 Emergency Program Manager, An Orientation to the Position (May 2006); IS-00271 Anticipating Hazardous Weather & Community Risk (May 2006); IS-00324 Community Hurricane Preparedness (May 2006); IS-00700 National Incident Management System (NIMS), an Introduction (May 2006); IS-00800 National Response Plan (NRP), an Introduction (May 2006)

AWARDS/DISTINCTIONS

ACADEMIC

Syracuse University All-University Dissertation Award, 2018

Graduate Scholar Award for Climate Change Impacts and Responses Conference, 2015

Phi Eta Sigma National Honor Society
Chi Alpha Sigma National College Athlete Honor Society
Omicron Delta Kappa National Leadership Honor Society
Chi Epsilon Pi National Honor Society in Meteorology
National Soccer Coaches Association of America Scholar All-East 2nd Team, 2003
Oneonta State Scholar Athlete of the Year, 2003
Academic All-District 1 First Team, 2003
Verizon Academic All-District 1 Third Team, 2002

OTHER

Oneonta State Athletic Hall of Fame, 2014
Women's DIII Indoor Track All-American, 2004
Women's DIII Soccer National Champion, 2003

August 2018