

## Renata Rimsaite

### CONTACT INFORMATION:

Department of Agricultural Economics, Sociology, and Education  
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### EDUCATION:

Dec. 2017    **Ph.D. Agricultural, Environmental and Regional Economics**, Penn State University (PA)  
*Dissert. title: "U.S. Water Rights Markets: Price Efficiency, Welfare Gains, and Institutions"*

May 2011    **B.S. Economics**, Frostburg State University (MD)

July 2007    **B.A. Law**, Mykolas Romeris University (Lithuania)

### RESEARCH INTERESTS:

Environmental and natural resource economics (current focus is on water resource management), public policy, welfare economics, law and economics, climate change, and health.

**TECHNICAL SKILLS:** STATA, Matlab, GAMS, Excel

### PUBLICATIONS:

#### In press:

Olmstead, S.M., K.A. Fisher-Vanden, and **R. Rimsaite**, 2016. "Climate change and water resources: some adaptation tools and their limits." *Journal of Water Resources Planning and Management*, 142(6).

Abdalla, C.W., **R.Rimsaite**, and B. Swistock, 2014. "Municipal Officials' Decisions to Lease Watershed Lands for Marcellus Shale Gas Exploration." *Journal of Environmental Studies and Sciences* 4, 28-36.

#### In progress:

**Rimsaite, R.** "Price efficiency in U.S. water rights markets." (Job market paper)

"Water markets: Are gains from trade higher or lower from water stress?" with Karen Fisher-Vanden and Sheila Olmstead.

"A systematic review of water market characteristics in the western U.S."

#### Reports:

Abdalla, C., **Rimsaite R.** and B. Swistock, 2012. Understanding Municipal Officials' Decisions to Lease Watershed Lands for Marcellus Shale Gas Exploration. Final report to the PA Water Resources Research Center, Penn State University.

### PRESENTATIONS/CONFERENCES (presenter):

**Rimsaite, R.**, K.A. Fisher-Vanden, and S.M. Olmstead. "Water rights markets: Welfare effects from trading under the impact of climate change." Poster presentation

- The Heartland Environmental & Resource Economics Workshop at Illinois, Sept 30-Oct 1, 2017, Urbana-Champaign, IL

**Rimsaite, R.**, K.A. Fisher-Vanden, and S.M. Olmstead. "How efficient are U.S. water rights markets among other natural resource markets?" Paper presentation:

- AAEA Annual Meeting, July 30-August 1, 2017, Chicago, IL
- AERE Summer Conference, May 31-June 2, 2017, Pittsburgh, PA

**Rimsaite, R.**, K.A. Fisher-Vanden, and S.M. Olmstead. "Price efficiency in U.S. water rights markets." Paper presentations/seminars:

- PIAMDDI DOE Project Meeting, Stanford University, December, 2016, Palo Alto, CA
- Energy and Environmental Economics and Policy Seminar, Nov 30, 2016, Penn State, PA
- The Heartland Environmental & Resource Economics Workshop at Illinois, Nov12-13, 2016, Urbana-Champaign, IL
- AAEA Annual Meeting, July 31-August 2, 2016, Boston, MA
- NAREA Annual Meeting, June 19-21, 2016, Bar Harbor, ME
- AERE Summer Conference, June 9-11, 2016, Breckenridge, CO

Fisher-Vanden, K.A., S.M. Olmstead, and **R. Rimsaite**. "Can water markets facilitate adaptation to the impacts of climate change on water supply?" Paper presentations:

- NAREA & CAES Joint Annual Meeting, June 27-30, 2015, Newport, RI
- AERE Summer Conference, June 3-5, 2015, San Diego, CA

Fisher-Vanden, K.A., S.M. Olmstead, and **R. Rimsaite**. "How do water rights institutions affect climate change impacts on water supply?" Paper presentation:

- PIAMDDI DOE Project Meeting, Stanford University, December, 2014, Palo Alto, CA

Fisher-Vanden, K.A., S.M. Olmstead, and **R. Rimsaite**. "Adaptation, water resources, and IAMs." Paper presentation:

- PIAMDDI DOE Project Meeting, Stanford University, December, 2013, Palo Alto, CA

**Rimsaite, R.**, C.W. Abdalla, and A.R. Collins. "The Use and Value of Water for Marcellus Shale Gas Development." Paper presentation:

- Penn State Extension, Water Resource Webinars, August 28, 2013

**Rimsaite, R.**, C.W. Abdalla, and A.R. Collins. "The Value of Water in Extraction of Gas from the Marcellus Shale." Short paper presentation:

- AGU, Fall Meeting, December 11, 2013, San Francisco, CA

Abdalla, C. W., **Rimsaite, R.** and B. Swistock. "Municipal Officials' Decisions to Lease Watershed Lands for Marcellus Shale Gas Exploration." Paper presentation:

- Boom & Bust Symposium: The Impact of Energy Extraction on Local Communities; Duquesne University, November 12-13, 2012, Pittsburgh, PA

#### **RESEARCH EXPERIENCE:**

Post-doctoral Fellow within Program for Coupled Human and Earth Systems (PCHES), Spring '18

Research Assistant for Prof. Karen Fisher-Vanden, Penn State University, 2013-

Research Assistant for Prof. Charles Abdalla, Penn State University, 2011-2013

#### **TEACHING EXPERIENCE:**

Instructor: Economic Analysis of Environmental and Resource Policies (CED 431), Penn State University, Spring '18

Co-instructor: Agribusiness in the Global Economy (AG BM 338), Penn State University, Fall '17

TA: Introductory Environmental and Natural Resource Economics (CED 201), Penn State University, Spring '17

TA: Natural Resource Economics (CED 429), Penn State University, Fall '16

Tutor: Elementary Statistics, and Principles of Economics, Frostburg State University, 2009-2011

Tutor: Mathematics, Garrett College, 2008-2009

#### **MEMBERSHIPS/AFFILIATIONS:**

Program for Coupled Human and Earth Systems (PCHES) 2017-

Association of Environmental and Resource Economists 2015-

Northeast Agricultural and Resource Economics Association 2015-

Agricultural and Applied Economics Association 2013-  
Gamma Sigma Delta (Honor Society for Agriculture and Agricultural Sciences) 2014-  
Program on integrated assessment model development, diagnostics and inter-comparison (PIAMDDI) 2013-  
Beta Gamma Sigma (International Honors Society for Business) 2011-

**AWARDS/CERTIFICATES:**

Graduate Student Online Teaching Certificate, Penn State University, 2016  
Heartland Environmental & Resource Economics Workshop Travel Award, 2016  
NAREA Conference Scholarship Award, 2016  
Graduate Student Development Fund Award, Penn State University, 2015, 2016, 2017  
College of Agricultural Sciences National Travel Award, Penn State University, 2016  
American Geophysical Union (AGU) Travel Grant, 2013  
CRLA Tutoring Certificate: Level I, International Tutor Training Program Certificate, Frostburg State University, 2011  
Economics Departmental Honors Award, Frostburg State University, 2011  
Robert C. Burton Memorial Award by the Dept. of Economics for Dept. Service, Frostburg State University, 2011  
Delta Sigma Pi Scholarship Key, for graduating with the highest GPA in the College of Business, Frostburg State University, 2011  
Harold R. Rowe International Scholarship, Frostburg State University, 2009-2011

**OTHER:**

**Languages:** English (full proficiency), Lithuanian (native proficiency), Spanish, German, and Russian

**REFERENCES:**

**Karen Fisher-Vanden**

Professor of Environmental and Resource Economics  
Department of Agricultural Economics, Sociology, and Education  
The Pennsylvania State University  
113 Armsby Building, University Park, PA 16802  
phone: 814-867-2752  
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**Sheila Olmstead**

Professor of Public Affairs  
Lyndon B. Johnson School of Public Affairs  
The University of Texas at Austin  
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**James Shortle**

Distinguished Professor of Agricultural and Environmental Economics  
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