

# Anne Egelston, PhD

(254) 968 – 1699 (W)  
*egelston@tarleton.edu*

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## **EDUCATION**

- PhD** Global Affairs, Rutgers, The State University of New Jersey- Newark, May 2007  
Areas of concentration: International Environmental Policy, Sustainable Development, Regime Theory
- MS** Global Affairs, Rutgers, The State University of New Jersey- Newark, January 2005
- BS** Chemical Engineering, Texas A&M University, December 1997

## ***TEACHING EXPERIENCE***

### **Tarleton State University**

*Director, Center for Environmental Studies Fall 2018 – present*

Promote environmental sciences, environmental studies, and sustainability practices to the Tarleton community. Facilitate faculty student research related to the disciplines across the colleges and across the Tarleton campuses. Encourage and coordinate grant applications as available. Chair the Center for Environmental Studies Executive Committee, participate on the University Environmental Committee, serve as co-advisor to the Tarleton State Environmental Society. Major service components (voluntary): #RealCollege working group committee member (2019 – 2020)

*Assistant Professor, Fall 2016 to present*

Teaching GOVT 2305 Federal Government, GOVT 2306 Texas Government, POLS 3301 Political Economy of Globalization, POLS 3310 Environmental Policy, POLS 4310 International Environmental Issues, POLS 4311 Environmental Law, POLS 5310 International Environmental Issues, POLS 5311 Environmental Law, POLS 5362 Environmental Policy, POLS 5399 Practicum: - AASHE Sustainability Reporting. Major service components include Scholarship Committee Chair Spring 2017 – Fall 2017, Section Coordinator, Environmental Science (graduate program) Spring 2018 – present, Section Coordinator, Political Science Fall 2017 – Spring 2018, and Search Committee Chair, Instructor of Political Science, Spring 18

### **Houston Baptist University**

*Adjunct, Summer 2013 to Fall 2016*

Teaching INDC 6332 International Organizations in the Masters of International Business Program, Department of Business  
Teaching GOVT 2313 American Government, GOVT 4353 International Relations, and GOVT 4333 United States Foreign Policy

### **University of Houston Downtown, Political Science Department**

*Adjunct, Fall 2012 to Fall 2016*

Teaching classes as needed of POLS 2303, 2304 and 2306 through a variety of delivery methods including in-person, hybrid, and online using Blackboard

### **Lone Star Community College - Montgomery, Department of Business and Social Science**

*Adjunct, Spring 2012 to Fall 2016*

Teach sections of American Government I and II and Texas Government as needed through a variety of delivery methods including in-person, hybrid, and online

Awarded Lone Star College's Writing Award for the publication of Sustainable Development: A History in 2012 – 2013

### **Blinn Community College - Bryan Social Sciences Programs**

*Adjunct, Fall 2014*

Taught three sections of Texas Government as a hybrid class using D2L

### **Galveston College, Government Department**

*Adjunct, Spring 2012 to Summer 2014*

Teaching GOVT 2305 American Government and GOVT 2306 Texas Government on site

### **Brookdale Community College, Department of Political Science**

*Adjunct, Spring 2007*

Developed course syllabus, class lectures, and taught introductory courses ranging in size from 15 to 30 students.

## **PROFESSIONAL EXPERIENCE**

**Spitfire Environmental Consulting**, Manvel, TX *January 2011 to Present*

*President, January 2011 to Present*

Own and operate greenhouse gas, sustainability and air permitting consulting company. Develop carbon credits and compliance strategies for emerging carbon cap and trade programs internationally. Assist client with obtaining voluntary and mandatory carbon credits under a variety of programs, including the United Nations Framework Convention on Climate Change (UNFCCC) Clean Development Mechanism. Prepare permit applications for client including Title V Permits, New Source Review (NSR) Permits and Texas Permits by Rule. Help clients meet compliance requirements with numerous state and federal rules including New Source Performance Standards (NSPS), Maximum Achievable Control Technology (MACT) standards and corporate social responsibility goals.

**URS Corporation**, Freeport, TX *July 2007 to January 2011*

*Practice Leader Carbon Credits and Strategies, March 2010 to January 2011*

Developed carbon credits and strategies service offerings within the Sustainability Business Line for emerging carbon cap and trade programs internationally. Assisted client with obtaining voluntary and mandatory carbon credits in Latin America. Co-chair of the American Coal Ash Association's Greenhouse Gas Emissions Trading Team Task Force. Completed GHG Management Plans for corporate clients. Created corporate benchmarks for GHG emissions in the cosmetic manufacturing industry. Analyzed impacts of carbon revenue stream on supply chain for pulp and paper production from sugar cane bagasse. Determined whether or not client projects can successfully complete monetization of carbon credits. Completed internal project management certificate program meeting Project Management Institute standards. Provided oversight so that all projects and deliverables met client and corporate expectations for budget, schedule, quality and safety goals. Participated in the Texas Management Team setting team direction and participating in high level strategic decisions such as mentoring, staffing decisions, and business development.

*Site Manager, October 2008 to June 2010*

Provided site oversight to meet client and corporate health and safety requirements. Investigated and remedied gaps in site health and safety requirements. Assisted the Regional Health and Safety officer investigating OSHA incidents. Implemented Corporate Quality standard program. Mentored staff in best practices for quality program. Audited projects to ensure quality standards upheld.

*Air Quality Engineer, July 2007 to October 2008*

Prepared permit applications for client including Title V Permits, New Source Review (NSR) Permits and Texas Permits by Rule. Helped clients meet compliance requirements with numerous state and federal rules including New Source Performance Standards (NSPS), Maximum Achievable Control Technology (MACT) standards and corporate social responsibility goals.

## **RESEARCH**

**Rutgers University - Newark, Division of Global Affairs**

*Doctoral Candidate, 2005-2007*

Dissertation: "Sustainable Development: A History" Conducted archival research to reconstruct the political history of the discourse surrounding sustainable development. Examined effects of *Non-governmental organizations* on regime formation. Key findings: Non-governmental organizations power and influence pre-dates the end of the Cold War in contradiction to current international relations theory. Contributed to the political history of sustainable development by documenting the political history of this concept prior to the Brundtland Commission 1987 report, Our Common Future. Funded by UNISYS

*Teaching Assistant, 2003-2004*

Assisted with Graduate Class in "Environmental Policy" (Fall 2003) and with Undergraduate class "Society, Technology and the Environment" (Spring 2004).

## **Various Independent Projects**

Public Policy Analysis of the Collapse of the California RECLAIM emission trading program  
Sustainable Consumption - Advertising as a contributing factor to over-consumption  
Water Projects in the Middle East

## **POSTERS**

with Dr. Scott Cook, Tu Nguyen "Academic Contributions to the UN Ocean Conference 2017". Association for the Advancement of Sustainability in Higher Education. San Antonio, TX. 2017.

## **PRESENTATIONS**

"Where's the Tech" Upgrading technology skills in our environmental policy curricula." American Environmental Studies and Sciences Low Carbon Conference, New York City (accepted, but COVID-19 delayed)

With Atchley, S., Dinulescu, C., Rose, C. D., "Learning from Experience: Changes you Make the Second-Time Around" Excellence in Teaching, Tarleton State University, Stephenville, TX, February 21, 2020.

"Institutionalizing Sustainability – Networking for Sustainability", Dallas Sustainability Summit, Dallas County Community College, Eastfield College, November 8, 2019.

with Macey McCracken and Atsuko Kawakami "Environmental Awareness and Green Infrastructure". Multidisciplinary Innovation in Academic Research – 15. Taipei, Taiwan. July 27, 2019.

"Identifying the Influential: Using the PD4SDG database as a proxy for regime formation" Southern Political Science Association, Austin, TX. 2019.

with Dr. Scott Cook, Tu Nguyen "The 2030 Agenda for Sustainable Development: A Regime in the Making". Texas Regional Alliance for Campus Sustainability. Stephenville, TX. 2018.

"Sustainability in Texas Cities". Humanities Education and Research Association. Houston, TX. 2013.

with Lisa Cooper "The Future of Carbon Credits from Fly Ash Substitution Projects" World of Coal Ash. Denver, CO., May 12, 2011.

"Sustainable Development: A History". Fourth Annual Student Conference. Division of Global Affairs. Rutgers, The State University of New Jersey - Newark. Newark, NJ. April 19, 2007

"NGOs at the UN Environmental Conferences." Second Annual Student Conference. Center for Global Change and Governance. Rutgers, The State University of New Jersey - Newark. Newark, NJ., April 29, 2005.

with Stan Urman "The Red-Dead Canal and the Arab Israeli Conflict." The Politics of Energy in Eurasia. Center for Global Change and Governance. Rutgers, The State University of New Jersey - Newark. Newark, NJ March 22, 2004.

with Stan Urman "Environmental Security and Water Resources: Factors in the Middle East Conflict." Environmental Policy Studies Seminar Series. New Jersey Institute for Technology. Newark, NJ. November 18, 2003.

#### *Professional*

"Carbon Management Strategy: An Industry Prospective" Platt's Third Annual Carbon Trading Conference. Houston, TX., January 21, 2010.

"Emission Inventories" Platt's Second Annual Carbon Trading Conference. Houston, TX., January 21, 2009.

"The Basics of GHG Emission Trading" American Society of Civil Engineering. Houston, TX November 18, 2008.

### **PUBLICATIONS**

#### *Books:*

*Protecting the Planet: International Environmental Diplomacy.* Springer, Under contract

*Sustainable Development: A History.* Springer, New York, 2012.

#### *Papers:*

with Macey McCracken and Atsuko Kawakami. "Income, Educational Attainment, and Green Infrastructure in Houston, Texas USA" Journal of Advances in Humanities and Social Sciences, 2020, 5(1), 21 – 32.

with Scott Cook, Tu Nguyen and Samantha Shaffer. Networks for the Future: A Mathematical Network Analysis of the Partnership Data for the Sustainable Development Goals, Sustainability, 2019, 11(19): 5511.

with Maurie Cohen. "Environmental Degradation and Climate Change," in R. Langhorne, ed., *The Essentials of Global Politics*, Oxford University Press, New York, 2006.

with Maurie Cohen. "California Reclaim's Market Failure: Lessons for the Kyoto Protocol" *Climate Policy*, 2005, 4(4): 427-442.

with Maurie Cohen. "The Bush Administration and Climate Change: Prospects for an Effective Policy Response" *Journal of Environmental Policy and Planning*, 2003 5(4): 315-331.

*Non-Reviewed:*

"Will Russia save the Kyoto Protocol?" *Environmental Finance*, 2003 May, page 21.

"Oregon-Massachusetts Lead the Way on GHG Reductions" *Environmental Finance*, 2001 July-August, page 31.

With A. Ertel. "COP 6 – Big Decisions or Big Disappointments?" *Environmental Finance*, 2000 May, page 26.

***THESIS SUPERVISED***

Chair for Curry, Clifford. In progress. "The Christian Reformed Church and the Paris Agreement"

Chair for Pozzi, Rachel. In progress. "Why Jail for EPA, but not NTHSA crimes?"

***HONORS, AWARDS, GRANTS***

Egelston, A. E. (Co-Principal), East Texas Historical Association (Co-Principle), "One Party, Many Dance Partners – Texas Political History," Sponsored by Summerlee Foundation, \$1,200. (September 1, 2017 – December 1, 2017).

UNISYS Dissertation Award, 2005

UNISYS Dissertation Award, 2004

Rutgers, The State University of New Jersey Teaching Assistant (at New Jersey Institute for Technology)

***PEER REVIEWS***

Sustainability Review Board member, 2020 - present

Sustainability 2019

Pearson 2017

Oxford University Press 2015

***PROFESSIONAL ASSOCIATIONS***

American Environmental Studies and Sciences, 2018 - present

Central Texas Historical Association 2016

East Texas Historical Association 2016

Air and Waste Management Association - Local Host Committee for Annual Conference 2011/2012

American Coal Ash Association, Chair Greenhouse Gasses Emission Trading Team 2008 - 2010

American Coal Ash Association, Government Relations Committee 2008 - 2010

***COMMUNITY ASSOCIATIONS***

Curling Club of Houston - Treasurer 2010/2011

Rodeo Palms Homeowners Association Advisory Committee Member 2011/2012

Rodeo Palms Homeowners Association Board of Directors 2012 - 2013