

**Sagal Alisalad, Assistant Researcher**

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**PROFESSIONAL EXPERIENCE**

**Applied Economics Clinic**, Arlington, MA. *Assistant Researcher*, 2019 – Present

*Board Member – Employee Representative*, Jan. 2021 – Jan. 2022

Conducted research and analysis on utility regulation, energy markets, and energy policy. Clients are primarily public service organizations working on topics related to the environment, consumer rights, and the energy sector.

**Applied Economics Clinic Energy Analysis Fellowship**, Somerville, MA. May 2019

Completed the 1-week training intensive in economic and environmental analysis and modeling of the energy sector. Training topics included energy sector dispatch and markets, dispatch and capacity expansion modeling inputs and outputs, electric and natural gas peak demand and annual forecasting, practical training on the Encompass model, and energy sector emissions accounting and consumer equity analysis.

**Applied Economics Clinic**, Arlington, MA. *Research Assistant*, 2017 – 2019

Assisted with research and analysis on utility regulation, energy markets, and energy policy. Received training on a variety of topics related to the environment, consumer rights, and the energy sector.

**Gerald Gill Research Fellowship**, Medford, MA. September 2019 – May 2019

Conducted an independent research project focused on mapping environmental degradation and intensive resource extraction in Sub-Saharan Africa. Research methods include spatial analysis with ArcGIS software, specifically through the creation of risk and vulnerability rasters, and zonal statistic tools.

**Ethiopian Community Development Council**, Silver Spring, MD. *Case Manager Intern*, 2016

Assisted case managers in the Reception and Placement department, which addressed refugee resettlement in the DC area. Guided new arrivals in obtaining assistance from social services, finding employment, and navigating unfamiliar situations in a new country. Acted as an interpreter for francophone and Somali clients.

**EDUCATION**

**Tufts University**, School of Arts and Sciences, Medford, MA

Bachelor of Arts, International Relations and Environmental Studies, Cum Laude, 2019.

**AFFILIATIONS**

**Global Development and Environment Institute**, Tufts University, Medford, MA.

Visiting Scholar, 2019 – 2020

## PUBLICATIONS

Woods, B, PhD. Peddada, S., Alisalad, S., Burt, J., Seliga, E., Stasio, T, PhD, Tavares, E., Wu, G., Stanton, E.A. PhD. 2022. *Bringing Equity into Energy Reliability Decisions*. Applied Economics Clinic. Prepared on behalf of the Environmental Defense Fund. [[Online](#)]

Stasio, T, PhD, Alisalad, S., Seliga, E., Peddada, S., Burt, J. 2022. *Overburdened Communities and Power Plants in New Jersey*. Applied Economics Clinic. [[Online](#)]

Castigliego, J.R., S. Alisalad, S. Peddada, and E.A. Stanton. 2022. *Economic Impacts of a Clean Energy Transition in New Jersey*. Applied Economics Clinic. [[Online](#)]

Stasio, T., J. R. Castigliego, S. Alisalad, and E. A. Stanton. 2022. *Decarbonizing Building Heat in Massachusetts*. Applied Economics Clinic. Prepared for Home Energy Efficiency Team. [[Online](#)]

Woods, B., S. Alisalad, E. Tavares, M. Majumder, and E.A. Stanton. 2021. *Equity Measurement and Targeting Underserved Communities in Massachusetts' 2022-2024 Energy Efficiency Plan*. Applied Economics Clinic. Prepared for Green Justice Coalition. [[Online](#)]

Castigliego, J.R., E.A. Stanton, S. Alisalad, and E. Tavares. 2021. *Energy Storage for Winter Grid Reliability: How Batteries Became the Low-Cost Solution for Power Assurance in Massachusetts*. Applied Economics Clinic. Prepared for Clean Energy Group. [[Online](#)]

Castigliego, J.R., E.A. Stanton, S. Alisalad, T. Stasio, and E. Tavares. 2021. *PJM's Capacity Market: Clearing Prices, Power Plants, and Environmental Justice*. Applied Economics Clinic. [[Online](#)]

Woods, B., E.A. Stanton, and S. Alisalad. 2021. *Recommendations for Cities and States to Improve Equity Evaluation and Reporting in Energy Efficiency Programming*. Applied Economics Clinic. Prepared for the American Council for an Energy-Efficient Economy. [[Online](#)]

Woods, B., L. Stanton, E. Tavares, and S. Alisalad. 2021. *ConnectedSolutions: A Program Assessment for Massachusetts*. Applied Economics Clinic. Prepared for Clean Energy Group. ([Online](#))

Castigliego, J.R., T. Stasio, S. Alisalad, and E.A. Stanton. 2021. *Assessment of Backup Diesel Generators in Massachusetts*. Applied Economics Clinic. Prepared for Bloom Energy. [[Online](#)]

Castigliego, J.R., T. Stasio, S. Alisalad, and E.A. Stanton. 2021. *Assessment of Backup Diesel Generators in New York City*. Applied Economics Clinic. Prepared for Bloom Energy. [[Online](#)]

Castigliego, J.R., T. Comings, S. Alisalad, and E.A. Stanton. 2021. *Background Report: Benefits of Coal Ash Cleanup and Remediation*. Applied Economics Clinic. Prepared for Earthjustice. [[Online](#)]

Comings, T., J.R. Castigliego, S. Alisalad, E. Tavares (with Sierra Club). 2021. *Comments on Ameren Missouri's 2020 Integrated Resource Plan*. Applied Economics Clinic. Comments to the Missouri Public Service Commission on behalf of Sierra Club. File No. EO-2021-0021. [\[Online\]](#)

Alisalad, S., E. Tavares, T. Stasio, and M. Majumder. 2021. *What the COVID-19 Pandemic Can Teach Us About Climate Justice*. Applied Economics Clinic. [\[Online\]](#).

Castigliego, J. R., S. Alisalad, T. Stasio, and E.A. Stanton. 2021. *Inflection Point: When Heating with Gas Costs More*. Applied Economics Clinic. Prepared for HEET. [\[Online\]](#).

Woods, B., E.A. Stanton, E. Tavares, S. Alisalad, and M. Majumder. 2020. *Risks Outweigh Rewards for Investors Considering PJM Natural Gas Projects*. Applied Economics Clinic. Prepared for the Energy Foundation. [\[Online\]](#).

Woods, B., and S. Alisalad. *Benefits of Community Choice Energy for the City of Chelsea*. 2020. Applied Economics Clinic. Prepared for the Massachusetts Climate Action Network. [\[Online\]](#)

Woods, B., S. Alisalad, M. Majumder, and E.A. Stanton. 2020 *Municipal Light Plants and Energy Efficiency*. Applied Economics Clinic. Prepared for Massachusetts Climate Action Network. [\[Online\]](#)

Stanton, E.A., B. Woods, and S. Alisalad. 2020. *Running Behind: New York State's Renewable Transformation*. Applied Economics Clinic. Prepared for Earthjustice. [\[Online\]](#)

Stanton, E.A., B. Woods, E. Tavares, and S. Alisalad. 2020. *New Orleans' Renewable Portfolio Standard: Affordable, Reliable, Resilient*. Applied Economics Clinic. Prepared for Alliance for Affordable Energy. [\[Online\]](#)

Stanton, E.A., B. Woods, J. Castigliego, E. Tavares, S. Alisalad. 2020. *A Whole New Ballgame: Indiana Coal and the New Energy Landscape*. Applied Economics Clinic. Prepared for Citizens Action Coalition of Indiana. [\[Online\]](#)

Woods, B., S. Alisalad, and H. Brown. 2019. *Cost and Emission Impacts of Community Choice Energy: Renewable Energy Options for the City of Chelsea*. Applied Economics Clinic. Prepared for GreenRoots. [\[Online\]](#)

Woods, B., E. Tavares, S. Alisalad, and E.A. Stanton. 2019. *Puerto Rico Integrated Resource Plan: Lessons from Hawaii's Electric Sector*. Applied Economics Clinic. Prepared for Earthjustice. [\[Online\]](#)

Stanton, E.A., S. Alisalad, and M. Majumder. 2019. *Comparative Costs of Alaska Fire Management*. Applied Economics Clinic. Prepared for Union of Concerned Scientists. [\[Online\]](#)

Stanton, E.A., T. Comings, R. Wilson, S. Alisalad, E. Marzan, N. Schlegel, B. Woods, J. Gifford, E. Snook, and P. Yuen. 2018. *An Analysis of the Massachusetts 2018 'Act to Promote a Clean Energy Future'*. Applied Economics Clinic. Prepared for the Massachusetts Senate Committee on Global Warming and Climate Change. [\[Online\]](#)

Stanton, E.A., E. Marzan, and S. Alisalad. 2018. *Assessing Energy Efficiency in Massachusetts*. Applied Economics Clinic. Prepared for Conservation Law Foundation. [\[Online\]](#)



Wilson, R., S. Alisalad, E. Marzan, and B. Woods. 2017. *Atlantic Coast Pipeline: Economics and Manufacturing Jobs*. Applied Economics Clinic. Prepared for the Natural Resources Defense Council. [[Online](#)]

## **PRESENTATIONS**

Alisalad, Sagal. 2021. *Measuring Climate Equity*. Applied Economics Clinic. Prepared for the Low-Income Energy Network (LIEN) Annual Conference 2021 [[Online](#)]

*CV dated October 2022*