
EDUCATION

PhD, Economics, Policy, & Human Dimensions, SUNY-ESF and Syracuse University, 2010-2014. Fulbright Scholar.

MA, International Economic Relations, University of Konstanz, 2007-2009. DAAD Scholar.

BA, English and Economics, University of Tartu, 2003-2007, University of Helsinki. Erasmus exchange, 2005-2006.

EXPERIENCE

School of Advanced International Studies at Johns Hopkins University, Lecturer, 2021–present.

Lecturer in energy & climate policy and economics, digitalization & systems analysis. Capstone adviser.

Faculty co-lead of the *Technology and Innovation* focus area (2023-2024).

Clean Energy Leadership Institute, Director of Energy Leadership, 2021–2023.

Directed and grew a clean energy training program for mid-career professionals; in charge of engagement of an alumni network with over 1,000 clean energy leaders in the U.S., organized emPOWER22 in Chicago and other educational and networking events in Chicago, Washington DC, New York, San Francisco, and virtually.

Estonian Business School, Director of International Summer School, Nanodegree Lead, 2020-2022.

Remotely started the first international summer school in Estonia on digitalization and sustainability, grew summer school from 15 participants in 2021 to 40 participants in 2022, created a partnership agreement with a Swiss university.

Remotely launched and led a nanodegree (consisting of 5 courses) on *Data-Driven and Circular Business Transformations*, taught a graduate class on artificial intelligence applications in business.

Tetra Tech, Principal, Senior Economist and Statistician, 2019–2021.

Delta.Analytics Team, Tetra Tech's Tech1000 initiative (2020). Nominated to be one of eight team members for a company-wide (out of ca. 20,000 employees) initiative for advanced analytics.

Statewide Evaluation of Energy Efficiency Portfolios (2021). Designed a statewide evaluation of Texas energy efficiency programs across nine investor-owned utilities.

Decommissioning of a Solar Energy Project (2021). Conducted cash flow analysis for a decommissioning bond for a 5 MW solar project in New York.

Carbon Offset Opportunities in Kazakhstan (2021). Interviewed leading experts in carbon offsets, researched international carbon offsets, drafted a report for European Bank for Reconstruction and Development.

Extreme Events and the Electric Power Industry: Using Data Analytics. (2020). Co-authored a report on extreme weather events and their impacts on the electric power industry, with EPRI.

University of Maryland, College Park, Adjunct Lecturer and Visiting Researcher, 2017–2021.

Taught graduate classes in energy policy, energy economics, and climate change.

Analyzed state and federal permitting of offshore wind farms, evaluating different risk factors for project developers.

U.S. Department of Energy, Solar Energy Technologies Office, ORISE Fellow, 2018–2019.

Evaluated incoming grant proposals for R&D in solar energy, co-drafted calls for R&D grant proposals.

Co-managed a 10-million-dollar research portfolio SEEDs2 in data-driven behavioral science .

Contributed to several quarterly Solar Industry Update reports working together with the research staff at the National Renewable Energy Lab (NREL).

Lead author on the U.S. DOE internal white paper on energy access and environmental justice.

Expert Panel “Design Behavior for Sustainability” at Columbia University. Report co-author for Nature Sustainability on ‘Behavioral science for design’.

University of St. Gallen, Post-doctoral researcher, 2014–2017.

Designed and evaluated large-scale international surveys investigating the respondents’ attitudes towards energy issues in Switzerland, Austria, Ukraine, and Estonia.

Co-PI on “Improving energy security through Swiss-Ukrainian-Estonian institutional partnership”, (2015-2017).

Evaluated social acceptance of wind energy in EE, UA, and CH, organized two research colloquia for students, helped develop ‘green’ curriculum at partner institutions, organized webinars on publishing in international peer-reviewed journals and outcome-based education, co-authored a primer on Innovative Teaching of Environmental and Energy Topics, assisted in setting up the ‘Idea Labs for Entrepreneurship’ at partner institutions.

State University of New York (SUNY-ESF), Graduate research and teaching assistant, 2011–2014.

Willingness to Pay for Solar-Powered Household Devices in Rural Mexico, Sierra Gorda, MX (2013). PI. Field study in off-grid locations, evaluation on perceptions of solar power, willingness-to-pay, and budget constraints.

Impact of State Policies on Generating Capacity for Production of Electricity and Combined Heat and Power from Forest Biomass in the United States, Research Foundation of State University of New York, Syracuse, NY (2011–2013). Compiled a database with nearly 500 state policies, classified and evaluated forest biomass energy policies across the U.S., identifying policies with the largest impact on installed bioenergy capacity.

International Solar Center Konstanz, Project assistant, 2009-2010.

Grant-writing, support of solar development projects in Cameroon, Tanzania and India.

SEB Bank, private and corporate banking, 2005-2007.

Assisted private and corporate clients in their banking needs; passed two qualification exams.

INDUSTRY AND NGO BOARDS

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|---|--------------|
| • Supervisory Board, Eesti Energia, state-owned electric utility | 2025-present |
| • Exec. Council, National Capital Area Chapter, U.S. Association for Energy Economics | 2025-present |
| • Exec. Council, VP of Comms & Treasurer, U.S. Association for Energy Economics | 2020-present |
| • Advisory Council, Center for Free Economic Thought, Estonian Business School | 2020-present |

EDITORIAL BOARDS

- Guest Editor, Special Issue “Energy Justice in the Energy Transition”, Progress in Energy, 2022-2025.
- Associate Editor, Frontiers in Sustainable Energy Policy, 2023-present.
- Associate Editor, Journal of Economic Asymmetries, 2022-present.
- Senior editor for the Center for Growth and Opportunity, Utah State University, 2023-2024.

AWARDS, RECOGNITION, AND FELLOWSHIPS

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| • Energy Generation Leadership Program, Energy Leadership Institute | 2026 |
| • American Express Leadership Academy, New York NY | 2023 |
| • Non-resident Fellow, University of Texas at Austin | 2020-2022 |

- ORISE Science and Technology Fellow 2018-2019
- Clean Energy Leadership Institute, Fellow 2018
- Public Policy Fellow, The Fund for American Studies 2018
- Best Poster Award, International Association of Energy Economics 2017
- Award in *oikos* business case writing competition 2017
- Alumni Award, SUNY-ESF 2014
- Fulbright Award, Fulbright Association 2010-2014
- Full tuition fee waiver for doctoral study, SUNY-ESF 2010-2014
- International Student Leader Award, Syracuse Center of Excellence 2013
- Institute for Humane Studies, dissertation award 2013, 2014
- Raymond von Dran Idea Award, Syracuse University 2013
- Farnsworth Award, SUNY-ESF 2013
- Rosen family fund award for field research in Mexico, SUNY-ESF 2013
- Environmental Entrepreneurship Institute, PERC 2011
- DAAD award for master's study in Germany 2009-2011

PUBLICATIONS

Peer-reviewed journal articles:

- Davis, T., Broughel, A., Wang, Q. (2025). "Full of Hot Air: Home-Owner Preferences for Energy-Efficient Heat Pump Financing in Three Southern States." *Energy and Buildings*, 345, 116054.
- Khalil, S. B., Broughel, A., (2025). "Stainless Success, Battery Lag: Evaluation of Indonesia's Resource Nationalism in Nickel". *The Extractive Industries and Society*. 23, 101677.
- Martin, M., Broughel, A., (2025). "Just Energy Transition: Navigating Poland's Transition Away from Coal Mining". *Progress in Energy*, 7(2), 023001.
- Cranmer, A., Broughel, A., Ericson J. D., (2023). "Getting to 30 GW by 2030: Visual preferences of coastal residents for offshore wind farms on the US East Coast". *Energy Policy*, 173, 113366.
- Cranmer, A., Ericson J. D., Broughel, A., Dharni, K. (2022). "Immersion matters: The Medium is the Message for Wind Energy". *Journal of Cleaner Production*, 378, 134498.
- Vuichard, P., Broughel, A., Tabi, A., Wustenhagen, R. (2022). "Keep it Local and Bird-Friendly: Social Acceptance of Wind Energy in Switzerland, Estonia and Ukraine – A Cross-Country Analysis based on Choice Experiments". *Energy Research & Social Science*, 88, 102508.
- Cranmer, A., Ericson, J., Broughel, AE, and Bernard, B. (2020). "Worth a thousand words: Presenting wind turbines in virtual reality reveals new opportunities for social acceptance and visualization research". *Energy Research & Social Science*, 67, 101507.
- Mignon, I., and Broughel, AE. (2020). "What interests do intermediaries prioritize during wind- and solar project development?" *Environmental Innovation and Societal Transitions*, 36, 393-405.
- Broughel, AE. (2019). "On the ground in sunny Mexico: A case study of consumer perceptions and willingness to pay for solar-powered devices". *World Development Perspectives*, 15, 100-130.
- Broughel, AE. (2018). "Impact of state policies on generating capacity for production of electricity and combined heat and power from forest biomass in the United States". *Renewable Energy*, 134, 1163-1172.
- Ebers Broughel, A., Hampl, N. (2018). "Community financing of renewable energy projects in Austria and Switzerland: profiles of potential investors". *Energy Policy*, 123, 722-736.
- Ebers, A., Malmsheimer, R., Volk, T., Newman, D.H., (2016). "Inventory and classification of federal and state forest biomass electricity and heat policies in the US". *Biomass and Bioenergy*, 84, 67-75.

Book chapters:

- Boer, B., Broughel, A., Kantsukov, M. (2025). "Challenges in Applying Principal Adverse Impact (PAI) Indicators to Sovereign Debt Portfolios." In: [Green Wealth: Navigating the Path to a Sustainable Future](#). pp.157-179. Emerald Publishing.
- Evli, S., Broughel, A., Ansari, D. (2022). "Evaluation of net-zero carbon and 100% renewable energy scenarios for 2050 and beyond". In Wood, G., et. Al. (eds): *The Palgrave Handbook on Zero Carbon Energy Systems and Energy Transitions*. Palgrave McMillan, 1-25.
- Broughel, A., Wüstenhagen, R. (2022). "The Influence of Policy Risk on Swiss Wind Power Investment". In Hettich, P., Kachi, A (eds.): *Swiss Energy Governance: Political, Economic and Legal Challenges and Opportunities in the Energy Transition*, Springer Nature, 345-368.
- Ebers, A. Stauch, A., Schmid, B., Vuichard, P. (2018). "Consumer co-ownership in renewables in Switzerland". In Lowitzsch, J. (ed). *Energy Transition: Financing Consumer Co-Ownership in Renewables*. Palgrave McMillan, 451-476.
- Ebers, A. and Hampl, N. L. (2016). "Community Financing of Renewable Energy Projects in the Age of Low and Negative Interest Rates in Austria and Switzerland". In Taisch, F., Jungmeister, A., and Gernet, H. (eds.): *Cooperative Identity and Growth*. St.Gallen: Verlag Raiffeisen Schweiz, 2016, 343-353.
- Ebers, A., Newman, D., (2014). "Economics of conservation easements", in: Kant S. and Janaki, A., (eds.) *Handbook of forest economics*, Routledge, London, 430-443.

Reports:

- Amand, et al. (2024). "Energy, Environment, and Industrial Policy". In: Toygur, I. and Quiviger, W. (eds): *Beyond Electoral Uncertainty: Rethinking the Transatlantic Alliance in Times of Change*. Transatlantic Bridge. Published online by: <https://www.ie.edu/gpc/wp-content/uploads/sites/609/2024/06/Beyond-Electoral-Uncertainty-Rethinking-the-Transatlantic-Alliance-in-Times-of-Change.pdf>
- Berg, et al. (2022). Report on the Future Relations between Estonia and Asia [original in Estonian: "Eesti ja Aasia tulevikusuhte raport"]. University of Tartu. Commissioned by the Estonian Foreign Ministry. Published online: <https://digiriul.sisekaitse.ee/bitstream/handle/123456789/2947/Eesti-ja-Aasia-tulevikusuhte-raport.pdf?sequence=1&isAllowed=y>
- Sinha, A., Rath, J., Broughel, A., Roy, S. (2021). "Extreme Events and the Electric Power Industry: Using Data Analytics for Improved Understanding". EPRI internal report.
- Tetra Tech (2021). Effluent Temperature Reduction Technologies for Wastewater Treatment Facilities. Internal report for US EPA. Authored sections on environmental costs and benefits.
- Ebers Broughel, A., and Viiding, M. (2021). "Estonian Experience with Electric Mobility: Is There a First-Mover Advantage with EVs?" IAAE Energy Forum, First Quarter 2021, pp. 22-25. Published online: <https://www.iaee.org/en/publications/newsletterdl.aspx?id=937>
- Stauch, A., Ebers Broughel, A., Schmid, B., Vuichard, P., (2020). "Community Finance: Renewable Energy Cooperatives", in "Financing the Low-Carbon Economy: Instruments, Barriers and Recommendations", Swiss Sustainable Finance. November 2020, 64-67. Published online: https://www.sustainablefinance.ch/upload/cms/user/2020_11_19_Financing_the_Low_Carbon_Economy_EN_full_report_final.pdf
- Ebers Broughel, A. (2020). "Setting the Bar for 2035: Energy Foresight Scenarios for Estonia". Report for the Foresight Centre, Parliament of Estonia. Published online: https://www.riigikogu.ee/wpcms/wp-content/uploads/2020/02/2020_Globaalised_joujooned-Energy_Futures_Estonia.pdf

- Klotz, L., et al. (2019). "Twenty questions about design behavior for sustainability". Report of the international expert panel on behavioral science for design, *Nature Sustainability*. Published online at: https://www.nature.com/documents/design_behavior_for_sustainability.pdf.
- Feldman, D., Ebers, A., Margolis, R. (2019). "Q3/Q4 2018 Solar Industry Update". National Renewable Energy Laboratory report, NREL/PR-6A20-73234. January 2019. Published online at: <https://www.nrel.gov/docs/fy19osti/73234.pdf>
- Wüstenhagen, R., Blondiau, Y., Ebers, A., Salm, S. (2017). "Lowering the financing cost of Swiss renewable energy infrastructure: reducing the policy risk premium and attracting new investor types". Project SI/501293-01. Swiss Federal Office of Energy. Berne/St.Gallen. Published online at: <https://www.aramis.admin.ch/Default.aspx?DocumentID=45844&Load=true>
- Ebers, A., Wüstenhagen, R., (2016). "6th consumer barometer of renewable energy". Report. University of St. Gallen. Published online at: https://www.alexandria.unisg.ch/249529/1/Kundenbarometer_E_WEB.pdf.
- Ebers, A., Wüstenhagen, R., (2015). "5th consumer barometer of renewable energy". Report. University of St. Gallen. Published online at: https://www.alexandria.unisg.ch/249530/1/Kundenbarometer2015_E_WEB.pdf.

Teaching materials:

- Ebers, A. 2017. Wind in the sails: managing social acceptance of large wind energy projects in Switzerland. oikos international case study. St.Gallen.
- Ebers, A., Joller, L., Kostyuchenko, N., Smolennikov, D. 2017. Innovative green teaching: a primer on innovative teaching techniques of environmental and energy topics. University of St.Gallen

Past op-eds and expert interviews:

- Kivi, K. (2022). Politicians and Experts Explain: Did the Electricity Markets Fail and What Should be Changed? [In Estonian: Poliitikud ja eksperdid selgitavad: kas elektribörs on läbi kukkunud ja mida tuleks muuta]. Postimees (largest Estonian daily newspaper). Online. August 2022.
- Ebers Broughel, A., Ansari, D. (2021). "Texas' Freeze, Energy Foresight, and Preparedness." OurEnergyPolicy.org. 3.03.2021. <https://www.ourenergypolicy.org/texas-freeze-energy-foresight-and-preparedness/>
- Ebers Broughel, A. (2021). 'Turning around Estonia's oil shale region: first attract business, employment will follow.' CEENERGYNEWS. 2.24.2021
- Ansari, D., Ebers Broughel, A. (2021). 'Planning our energy future: Why unforeseeable events should be foreseen.' CEENERGYNEWS. 2.11.2021.
- Ebers Broughel, Betanabhatla, V., Flores, A., et al. (2020). "A Hopeful Vision for the Future of Energy". Energy Institute, The University of Texas at Austin. 12.23.2020
- Ebers Broughel, A. (2020). "Let's Make Eastern Estonia the first Opportunity Zone in Europe". Teeme Ida-Virumaast Euroopa esimese "Võimaluste piirkonna" [In Estonian]. Foresight Centre at the Parliament of Estonia. 12.14.2020

PUBLIC SQUARE ENGAGEMENTS AND PEER REVIEWS

Contributor:

- Forbes Energy, 2022-present. <https://www.forbes.com/sites/annabroughel/>
- National Interest, Energy World, 2025-present. <https://nationalinterest.org/profile/anna-broughel>

Peer Reviewer for Journals:

- Outstanding Reviewer Award 2024 by Progress in Energy
- Environmental Research: Energy, Electricity Journal, Research Policy, Energy Policy, Renewable Energy, Energy Research & Social Science, International Journal of Energy Sector, International Journal of Climate Change Strategies

and Management, Current Opinion in Environmental Sustainability, Swiss Journal of Business Research and Practice, Zeitschrift für betriebswirtschaftliche Forschung (zfbf).

Abstract Reviewer and External Reviewer:

USAAE and IAEE conferences.

Peer reviewer for U.S. DOE's lab call (2022) and American-Made Energizing Rural Communities Prize (2024)

Chapter on 'Public policy instruments to support sustainable wood energy', UNECE.

Academic jury member:

St.Gallen Wing of Excellence Award 2017; USAAE Young Professional Best Research Paper Award 2020 and 2021.

SPEAKING ENGAGEMENTS

Plenary Moderator, "Nuclear's Role in the Evolving Energy Economy", Annual Conference, United States Association for Energy Economics, November 2025.

Moderator, "The Carbon Paradox: CEOs Vies on Voluntary Carbon Markets" with Rent Heuberger, SAIS Johns Hopkins, Washington, DC, September 2025.

Presented, "Getting to 30 GW by 2030: Visual preferences of coastal residents for offshore wind farms on the US East Coast". ROSEI Research Presentations. Johns Hopkins, Baltimore, April 2025.

Moderator, "Global Health and Climate". SAIS Climate Conference. Washington DC, March 2025.

Panelist, "Trump 2.0: Energy Transition and Climate Policy Focus". DCS Webinar. March 2025.

Moderator, "Our Renewable Energy Future", online book discussion with Doug Arent. February 2025.

Speaker, "Full of Hot Air: Preferences for Energy-Efficient Heat Pump Financing in Three Southern States". Empirical Methods in Energy Economics conference. World Bank. Washington DC, January 2025.

Keynote Speaker, "Everything You Thought You Knew About Energy is Wrong", Pension Bridge Real Assets conference. Austin, TX, December 2024.

Speaker, "The Nuclear Option for AI", AI Policy Hackathon, Technology and Policy Society. Virtual, October 2024.

Moderator, "An Introduction to Virtual Power Plants", Panel Discussion, Co-hosted by Technology and Innovation & Development, Climate, Sustainability Focus Areas, Washington DC, October 2024.

Moderator, "Ensuring a Sustainable Future: The Intersection of Climate Action and Energy Justice", Panel Discussion, SAIS Women International Leadership Summit, Washington DC, October 2024.

Chair and organizer, "Energy Justice in Energy Transition", Research Workshop, Howard University, Washington DC, September 2024.

Speaker, "Perspectives on Energy Transition", 4th International Summer School in Digitalization and Sustainability, Estonian Business School, Tallinn, August 2024.

Moderator, "Powering the Tech Frontier: A Cyber-AI-Battery Triad", Trilateral Technology Leaders Program, Washington DC, June 2024.

Speaker, The Case for a Transatlantic Green Marketplace, European Policy Centre, online, May 2024.

Speaker, Transatlantic Bridge Foresight Workshop, IE University, Madrid, March 2024.

Speaker, Research colloquium, "Paths to Flourishing and Abundance". Institute for Humane Studies, New Orleans, November 2023.

Speaker and co-chair of conference plenaries. "Assessing the Quality of Non-Academic Energy Outlooks: A Multi-Dimensional Analysis". 40th Annual North American Conference by the U.S. Association for Energy Economics, Chicago, IL, November 2023.

Speaker and workshop co-lead. "Energy Justice and Energy Transition". Dallas, TX, October 2023.

Speaker, Chemonics/EPRI hybrid event, "Transitioning to Sustainable and Resilient Energy Systems in Developing Countries", Washington DC, September 2023. –

Speaker, Research colloquium, “Understanding Public Perceptions of Onshore and Offshore Wind Projects”, Louisiana State University, Baton Rouge, LA, July 2023.

Speaker, Research webinar, “Immersion matters: The medium is the message for wind energy”, BTU Cottbus-Senftenberg, Germany, June 2023.

Speaker, Climatebase fellowship, Science and Research track, May 2023.

Speaker, “US-EU Foreign Relations at the Time of Energy Transitions”. Estonian Council on Foreign Relations webinar, April 2023.

Speaker, “Promoting Net Zero and Carbon Neutral Commitments: A Workshop to Guide Policies and Actions in the Asia-Pacific Region”, APEC-USAID joint workshop, Honolulu, Hawaii, April, 2023.

Speaker, chair, “How solid are energy futures? A systematic assessment of 60 prominent outlooks.” Hydrogen and Geopolitics in Energy Scenarios Workshop. Stiftung Wissenschaft und Politik. Berlin, Germany. January, 2023.

Presiding speaker, “Inflation Reduction Act: Scaling Climate Investment for a Decarbonized Future”. U.S. Association for Energy Economics Annual Conference. Houston, TX. November 2022.

Speaker, “[How does Digitalization Transform the Energy Sector?](#)”. IAEE Webinar, November 2022.

Speaker, “Wind Power”. U.S. Association for Energy Economics Annual Conference. Houston, TX. November 2022.

Speaker, “[What to Know about How the War in Ukraine Has Impacted Alternative Energy Trends and Strategies](#)”. JNK Securities webinar series, August 2022.

Speaker and moderator at the first and second International Summer School for Digitalization and Sustainability, Estonian Business School, August 2021 & 2022.

Speaker at *Sloan Electricity Markets Primer for Economists and Social Scientists*. Colorado School of Mines. October 2021 & August 2022.

Host of “Academics on FIRE”, with Johannes Urpelainen. Online. February 2022.

Presiding speaker, “[Promised Technology Solutions: Where are They?](#)”, U.S. Association for Energy Economics Annual Conference. Online. November, 2021.

Speaker, “[What clean tech will get us to net zero? An overview based on long-term energy scenarios](#)”, UT Austin. November, 2021.

Speaker, “How Will Artificial Intelligence (AI) and Cleantech Help Us Reach Net Zero Emissions? Insights from Long-Term Energy Scenarios. Johns Hopkins University, August 2021.

Speaker, Houston chapter of the U.S. Association for Energy Economics, *Technology megatrends in long-term energy scenarios*. July 2021.

Speaker, Clean Energy Leadership Institute, National and DC cohorts, *Technology Megatrends – What Will Get us to Net Zero?* June 2021.

Host at the IAEE webinar on [Energy Transitions in India](#). Online. June 2021.

Speaker, Southern Methodist University’s [Roundtable on Sustainable Energy](#). Online. March 2021.

Host at the IAEE webinar on [Decarbonization in the United States: Implications for Indian Country](#), Online. March 2021.

Speaker, Fletcher Political Risk Conference, [Tackling Climate Change Risk in the Long Term](#), Online. February 2021.

[Social Acceptance of Wind Energy: Evidence from Cross-Country Surveys](#), IAEE podcast, September 2020.

[Long-term Scenario Planning for Better Decisions](#), USAEE podcast, August 2020.

Chair at BECC session [Cities on the Frontiers of Sustainability](#), December 2020.

Presenter at IAEE webinar on [Energy Sector Recruiting and Career Advice](#), November 2020.

Host at IAEE webinar on [Insights from Long-Term Energy Scenarios](#), November 2020.

Unique Solutions for Renewable Energy, Marine Energy Storage, and Water Usage, with Mattson, G., Johansson, B. 2020 AAAS Annual Meeting.

Organizer, panelist and discussant at three sessions at APPAM 2020 [Using Quantitative Methods to Examine The Impacts of Policies, Public Acceptance of Energy Projects, Energy Foresight and Infrastructure](#), November 2020.

Judge at USAEE Young Professional Best Paper Award [Competition](#), October 2020.

Presenter at a televised conference A Different Future [in Estonian], Foresight Centre at the Parliament of Estonia, September 2020.

Host at USAEE webinar series on AI in energy. From Pipedream to Practical Applications, Theory and Practice, Advancing New Research Paradigms, June - August 2020.

Host at USAEE webinar Solar Energy in the Post-Covid19 World: Moving to a New Normal, June 2020.

Presenter at the MISTRAL symposium on Public Acceptance of Wind Energy, May 2020.

Presenter at two webinars on Energy Futures, Foresight Centre at the Parliament of Estonia, May 2020.

Presenter at the 1st World CleanTech Week eConvention on North American Energy Markets, April 2020.

Discussant at AAAS annual meeting, session Unique Solutions for Renewable Energy, Marine Energy Storage, and Water Usage. Seattle, February 2020.

Chair at the BECC session Scalable solution for SMBs. Sacramento, November 2019.

Chair at the USAEE session Funding and Collaboration Opportunities for Energy Researchers, Denver, November 2019.

Round-table speaker and discussant at two sessions at APPAM: Energy Access, Energy Justice, and Research-Practice-Policy Connections; Energy & Low-Income Communities. Denver, November 2019.

Presenter at The Institute of World Politics. *Improving Energy Security in Ukraine and Estonia*. Women Executives in National Security Program lecture series. Washington, DC, March 2018.

Guest lecturer for 'Energy Economics' course PLCY 798, University of Maryland, College Park, Ben Schlensinger. MD, November 2017.

Guest lecturer for 'Intersection of Technology and Policy in Modernizing the Energy Systems' course Phys622/PLCY699B. Ellen Williams. University of Maryland, College Park, November 2017.

Presenter at Center for Global Sustainability/School of Public Policy Research Seminar. Like father like son, but not mother like daughter: differences in perceptions of renewable energy in Swiss adults and teenagers. College Park, MD. November 2017.

Presenter at Behavior, Energy & Climate Change (BECC) Conference. How do Swiss renters and homeowners value green building features? Sacramento, CA. November 2017.

Presenter at Swiss Competence Center for Energy Research annual conference. Energy governance: Enabling policies from investor & stakeholder perspectives. St. Gallen, CH. September 2017.

Presenter at International Association of Energy Economics. Local acceptance of wind energy in Switzerland, Estonia, and Ukraine: a cross-country analysis based on choice experiments. Vienna, AT. September 2017

Presenter at 10th International workshop on empirical methods in energy economics, Local acceptance of wind energy in Switzerland, Estonia, and Ukraine: a cross-country analysis based on choice experiments. University of Southern California, Los Angeles. CA, 06.2017.

Presenter at International Conference for Research and Development. On the ground in sunny Mexico: A case study of a rural electrification policy and willingness to pay for solar-powered devices. University of Bern, Bern, CH. 09.2017.

Presenter at Joint Global Change Research Institute. Wind in the sails: reducing policy and regulatory risks of wind project development in Switzerland College Park, MD. 07.2017.

Presenter at 8th St. Gallen Forum for Management of Renewable Energies. Wind in the sails: reducing the soft cost of wind project development. University of St. Gallen, St. Gallen, CH. 05.2017.

Presenter at XVIII International conference on cooperative studies (IGT/ICCS). Community financing of renewable energy projects in the age of low and negative interest rates in Austria and Switzerland. University of Luzern, Luzern, CH. September 2016.

Closing panelist for the course 'Energy systems in transition: present and future technologies & policies', European Campus of Excellence. Zürich, CH. 07.2015.

Presenter at 7th St. Gallen Forum for Management of Renewable Energies. 6th consumer barometer of renewable energy. University of St. Gallen, St. Gallen, CH. 05.2016.

Presenter at Research colloquium 'Renewable energy, sustainability, environment and innovations research'. Giving wind the green light: permitting, inspection, and interconnection of large renewable energy projects in Switzerland. Tartu, EE. 11.2015.

Presenter at Center for Energy Policy and Economy. Giving wind the green light: permitting, inspection, and interconnection of large renewable energy projects in Switzerland. ETH Zürich, Zürich, CH. 11.2015.

Presenter at oikos energy academy. Giving wind the green light: permitting, inspection, and interconnection of large renewable energy projects in Switzerland. Tel Aviv University, Tel Aviv, IL. 06.2015.

Presenter at ENERGENO-Symposium. Energy cooperatives as an alternative investment in the age of negative interest rates. Humboldt University, Berlin, DE, 06.2015.

Presenter at Zurich University of Applied Sciences. Renewable energy policy in the US. Symposium on Electricity markets with a high share of renewables: experiences and future challenges. Winterthur, CH. 05.2015.

Presenter at 6th St. Gallen Forum for Management of Renewable Energies. 5th consumer barometer of renewable energy. University of St. Gallen, St. Gallen, CH. 05.2015.

Panelist for Women in research, University of St. Gallen, St.Gallen, CH. 05.2016.

Presenter at oikos sustainability thesis workshop. How to craft a Master's thesis? St. Gallen, CH. 11.2014.

Presenter at 37th International Association for Energy Economics (IAEE) conference. Policy interactions and effectiveness in forest bioenergy sector in the U.S. New York, NY. 06.2014.

Presenter at oikos energy academy. Bioenergy Policy Effectiveness in the United States. St. Gallen, CH, 04.2014.

Presenter at Society of American Foresters Annual Convention. Inventory of national forest bioenergy policies. Charleston, SC. 03.2014.

Presenter at Towson University. Economics of Conservation Easements. Towson, MD, 2013.

Conference proceedings at EU-PVSEC 28. Klaus, T., Sarkadi, M., Reddemann, S., Ngwe Mbeleg, P., Ebers, A., Kopecek, R., Peter, K. Lessons learned: off-grid village electrification in the rainforest of rural Cameroon. Paris, FR.

PODCASTS

[Central Asian Network for Sustainable Energy Transition](#), Clean Technologies and Digitalization in Energy Transition. April 2025.

[A Rock and A Hard Place](#): Mineral Security Education and Energy Communication with Anna Broughel, Colorado School of Mines podcast. March 2023.

[IB Green Minds](#): In Conversation with Anna Broughel, Imperial College's Business podcast, December 2022.

[Energy Predictions are Hard](#). Earthlings podcast, December 2021.

[Does a Green Transformation Really Bring us a Better Future](#), Estonian Business School podcast, April 2021.

POSTERS

Local acceptance of wind energy in Switzerland, Estonia, and Ukraine: a cross-country analysis based on choice experiments. Best poster award. International Association of Energy Economics, Vienna, AT. 09.2017.

Investor acceptance, investor diversity and price of policy risk. Swiss Competence Center for Energy Research, annual conference, Winterthur, CH, 09.2016

Lower financing cost of renewable energy: Reducing policy risk premium & keeping RE investments home. Swiss Competence Center for Energy Research conference, St. Gallen, CH, 09.2015

Solar solutions to electrify Mexico, Syracuse Center of Excellence in Environmental and Energy Systems, Syracuse, NY. 07.2012

Metrotram: sustainable transportation for Volgograd, Blekinge Institute of Technology, Karlskrona, SE, 08.2011

LEADERSHIP AND OTHER TRAINING

American Express Leadership Academy, New York, February 2023.

Adaptive Leadership Training. Adaptive Change Advisers, virtual, fall, 2022.

Orange Dialogue for Peace, series of five workshops promoting intercultural dialogue, Syracuse University, Syracuse, NY, 2012-2013

Oikos Leadership Academy. Belfast, IE, fall 2010.

American Institute for Political and Economic Systems. The Fund for American Studies. Prague. CZ, summer 2007

TEACHING EXPERIENCE

- **Digitalization and Decarbonization of Energy Systems**, graduate course at SAIS JHU (spring 2025, 2026)
- **Systems Analysis**, graduate course at SAIS JHU, online (fall 2024, 2025, 2026)
- **Climate and Energy in Developing Economies**, graduate course at SAIS JHU, Washington, DC (spring 2024, 2025, 2026)
- **Climate Change: Economics and Policy**, graduate course at SAIS JHU, Washington, DC (fall 2023, 2024, 2025)
- **Energy Technology and Economics**, graduate course at SAIS JHU, Washington, DC (fall 2021, 2022, 2024, 2025, 2026).
- **Economics Basics**, graduate course at SAIS JHU, online (summer 2022, 2024, 2025).
- **Distributed and Renewable Energy**, graduate course at SAIS JHU, online (spring 2024).
- **Curriculum Development and Fellowship Implementation**, Clean Energy Leadership Institute (2021-2022). Supervised 6 fellowship cohorts across four U.S. time zones. Graduated 230 fellows in November 2022. Responsible for the curriculum and the overall fellowship experience. Organized hybrid emPOWER22 conference in Chicago and online with over 200 participants, focusing on empowering diverse voices in cleantech.
- **Artificial Intelligence in Business Applications**, graduate course at Estonian Business School (fall 2021, 2022).
- **International Summer School on Digitalization and Sustainability**, Estonian Business School (2020-2022). Founder and academic director of the international summer school in digitalization and sustainability, Tallinn (Estonia) and Helsinki (Finland), August 2021, 2022.
- **Energy Policy; Energy Economics**, graduate courses at the School of Public Policy, University of Maryland, College Park, MD (spring, 2018 – spring, 2021).
- **Climate Practice and Policy**, undergraduate course at the School of Law, UMD College Park, MD (fall 2018)
- **Energy Systems in Transition: Economic, Policy and Social Challenges**, visiting instructor, University of St. Gallen and European Campus of Excellence, St. Gallen/Zurich, CH, summer, 2016.
- **Sustainable Economic Systems**, visiting instructor, Lucerne University of Applied Sciences and Arts, Lucerne, CH, summer, 2015.
- **Principles of Accounting**, graduate teaching assistant, SUNY-ESF, Syracuse, NY, fall, 2012-spring, 2014.
- **Graduate Colloquium on Teaching and Learning**, teaching fellow, State University of New York, Syracuse, NY, summer, 2012; summer, 2013.
- **Going Green**, instructor, University of Konstanz, Konstanz, DE, summer, 2010.

MENTORING ACTIVITIES

Doctoral Supervisor:

Marina Niforos, SAIS Johns Hopkins, DC

Dissertation Reviewer & Examiner:

Olga Shuvalova, Lomonosov State University, Moscow, Russia; Jiehong Lou, UMD College Park

Master Theses Advisor:

Dällenbach, N. 2016. Classifying policy risk of renewable energy investments - the case of large wind projects in Switzerland.

Sturm, L. 2016. Using real options to quantify policy risk premia for large wind energy projects in Switzerland.

Cetin, K. 2016. Mapping administrative processes of large renewable energy projects: A comparative analysis of wind energy installations in Germany and Switzerland.

Stanescu, H. 2016. Headwinds for wind power in Romania: case study of a green certificate policy shift and its effect on wind power investments.

Master Capstone Project Adviser:

Trexler, D. 2021. Financing Decarbonization: A Choice-Based Conjoint Assessment of Energy Efficiency Loan Program Preferences in Three Southern States.

FUNDING

Sloan Foundation. \$50,000 for pre-publication workshop at the SMU & post-publication workshop at Howard University, in support of special issue Energy Justice in Energy Transitions, by *Progress in Energy*. 2023-2024.

European Commission. Grant for International Summer School in Digitalization and Sustainability. 2021-2022.

U.S. Embassy in Tallinn. \$10,000 for International Summer School in Digitalization and Sustainability. 2021-2022.

Bentley University research fund. ca. \$15,000 for research assistants and experiments. 2017-2021.

Swiss National Science Foundation: Improving energy security through Swiss-Ukrainian-Estonian institutional partnership. \$194,923. 2015-2017. Project website: <http://p3.snf.ch/project-160564>.

Swiss Federal Office of Energy: Lowering the financing cost of Swiss renewable energy infrastructure, ca. \$200,000. 2015-2017.

Raiffeisen bank Switzerland: Consumer barometer of renewable energies. \$40,000. 2015-2016.

Environmental justice, service project at the STEP Center at Syracuse University. ca. \$17,000. 2011-2014.

Model United National debating club, president, University of Konstanz, Germany ca. \$20,000. 2007-2009.

oikos Konstanz chapter co-founder, NGO of students for sustainable economics and management, co-organizer of the first Day of the Environment of campus, University of Konstanz. DE. 2009-2010.

LANGUAGES

English, Estonian, German, Russian – working proficiency

French – intermediate reading proficiency