Elisa D'Amico
Ph.D.

307 *Arts Faculty Building*
St Andrews KY16 9AX
+1 563 513 8188
ed248@st-andrews.ac.uk
www.elisadamico.net
elisadamico
ElisaADamico

Climate · Conflict & Peace · Migration · Political Economy · Methods · Computational Social Science · Policy

EMPLOYMENT

2025–	**Assistant Professor**, *University College Dublin*, *School of Politics and International Relations (SPIRe)* Ad Astra Fellow in Environmental Politics
2024–	**Postdoctoral Research Fellow**, *University of St Andrews*, *School of International Relations, PeaceRep* Mediation Event and Negotiators Database (MEND); Research on the environment and conflict resolution
2024	**Visiting Fellow**, *Institute for European Global Studies, Universität Basel* "Natural Resources as Objects of Conflict" Research & Teaching Appointment
2023–2024	**Data & Modeling Research Consultant**, *University of Denver and World Wildlife Fund* Forecasting future fisheries conflict; Leveraging big data and running prediction models
2023	**Automation Research Consultant**, *University of St Andrews*, *School of International Relations* Global Fragmentation and Peacemaking PeaceRep Consultancy and Database Building

EDUCATION

PhD, 2018–2023	**Political Science, *International Relations***, *Loyola University Chicago*, Chicago, IL, USA Dissertation: The Climate-Conflict Nexus: Urban Migration and Data Innovations, *Passed with distinction*
MA, 2017–2018	**Political Science and Public Policy**, *Iowa State University*, Ames, IA, USA Thesis: Xenophobia and its Implications for Refugee Integration Policy: A Cross-National Analysis
BA, 2014–2016	**Political Science and International Relations**, *Iowa State University*, Ames, IA, USA Minors: Spanish, Advocacy; *Graduated Cum Laude*

PUBLICATIONS

Article	**D'Amico, E.** (2025, accepted). Unrest in Urbanity: Unraveling the Impact of Economic Shocks on Migration and Urban Dynamics. *Review of International Political Economy*.
Article	**D'Amico, E.**, Melin, M., & Sosa, S. (2025, accepted). No Ex-Combatant Left Behind: Economic Reintegration & the Durability of Peace. *Journal of Peace Research*.
Article	Maboudi, T., & **D'Amico, E.** (2024). Vulnerability, climate laws, and adaptation in the Middle East and North Africa. *Environmental Policy and Governance*, 35(1), 145–158.
Article	**D'Amico, E.** (R&R). Resilient by Design: An Investigation of Climate Adaptation Laws in New England. *Nature Climate Action*.
Article	**D'Amico, E.**, & Houghton, K. (forthcoming). Financial Dependencies and Conflict Resolution: The Role of Militarized Mediators in Modern Insurgencies. *Civil Wars*.
Book Chapter	**D'Amico, E.** Chapter 4: The National Framework for Peace: Cross-national Instances of Economic Reincorporation in Treaties and their Outcomes. In M. Melin & S. Sosa (Eds.), The Missing Peace: Understanding Private Enterprises in Conflict Prevention and Resolution (forthcoming). *Oxford University Press*.
Book Chapter	Clausen, M. & **D'Amico, E.** Chapter 7: Reducing Urban Violence: The Case of Chicago. In M. Melin & S. Sosa (Eds.), The Missing Peace: Understanding Private Enterprises in Conflict Prevention and Resolution (forthcoming). *Oxford University Press*.

UNDER REVIEW

Book	**D'Amico, E.** *Turbulent Tides: Climate, Migration, Conflict, & the Quest for Economic Stability*. Oxford University Press, second round of 'Early Career Researcher First Book Prize.'
Article	**D'Amico, E.** Weathering War: How Environmental Shocks Shape Rebel Strategies and Peace Outcomes. *British Journal of Political Science*.

Article	**D'Amico, E.** A Quasi-Experimental Approach to Sustainable Development Shocks: Hydropower's Role in Conflict. *Global Environmental Politics.*
Article	**D'Amico, E.** & Maboudi, T. Timing Matters: Analyzing Climate Policies and Adaptive Resilience. *Climate Policy.*
Article	Maboudi, T. & **D'Amico, E.** Life, Liberty, and Litigation: The Impact of Environmental Laws and Constitutional Rights on Climate Change Litigation. *Climatic Change.*

WORING PAPERS *'NS' indicates near submission*

Grant	**D'Amico, E.** Harnessing Machine Learning and Geospatial Tools for Climate Displacement Measurement.
Article [NS]	**D'Amico, E.** The Geography of Conflict Mediation: Proximity and Success in Armed Conflict Resolutions.
Article [NS]	**D'Amico, E.**, Glaser, S., & Hendrix, C. From Ocean Changes to Conflict: Predicting Fishery-Related Militarized Disputes in a Warming World.
Article	Häfliger, N & **D'Amico, E.** From Drought to Dispute in the DRC: Climate's Role in Resource Wars.
Article	**D'Amico, E.** & Nutley, K. Legislating Under Pressure: The Conditional Influence of Environmental Protest on Climate Policy.
Article	**D'Amico, E.** & Peter, M. Conflict Management in a Multipolar World: Identifying the Turning Point.
Article	Houghton, K. & **D'Amico, E.** Peace and Profits: How Third Parties Militarize and Mediate Conflicts.
Article	**D'Amico, E.** The Economic and Human Cost of Climate Shocks: Food Prices and Conflict.

POLICY ENGAGEMENT

Report	**D'Amico, E.** (2024). Semi-automated coding for conflict mediation research: Database development. In *Peace Analytics Series*. PeaceRep.
Policy Brief	**D'Amico, E.** (2024). How Climate Shocks Impact Rebel Demands and Peace Agreement Outcomes. In *Climate & Natural Resources*. PeaceRep.
Article	**D'Amico, E.** (2024). Enhancing Conflict Mediation Research: First Steps in the Mediation and Negotiators Database (MEND). CARMA Internet and Big Data in Economics and Social Sciences. Valencia, June 2024.
IOM Blog Post	**D'Amico, E.** (2024). "Stitching a Sustainable Future: Policy for Youth Migration, and Climate in Bangladesh's Textile Industry". In Blog Series: Youth, Migration, Environment, Climate Change, And Disaster Risk Reduction. IOM UN Migration.
Legal Case	**D'Amico, E.** (2023). Montenegro v. Ashcroft Case Summary. Earth Refuge Legal Database.
Op-Ed	**D'Amico, E.** (2023). Rising Tides and Sudden Surprises: The Two Faces of Climate Displacement. Medium.

RESEARCH EXPERIENCE

2018–2023	**Research Assistant**, *Loyola University Chicago, Department of Political Science*, Chicago, IL, USA Worked with E. Hansen, K. Camarena, P. Boyle, S. Maxey, T. Maboudi, M. Melin, S. Kang, and J. Kao.
2023	**Data Scientist**, *Chicago Public Schools, School Counseling and Postsecondary Advising* Data science, empirical modeling, Google AppScript, SQL, SAS, etc.
2023	**Quantitative Research Associate**, *Institute for Racial Justice, Loyola University* Transcribed and coded focus group recordings, synthesizing data on equity in gifted programming.
2017	**Special Interest Groups Data Analyst**, *Project VoteSmart* Web-scraping and cleaning of special interest groups data in R
2016	**Research Analyst**, *The Scottish Parliament*, Edinburgh, Scotland, UK Served under Alex Rowley, Member of the Scottish Parliament; Devolution of powers, taxation, and public well-being

AD HOC PROJECTS

- Created Stata templates for causation and quasi-experimental graduate-level projects
- Used Python console to import, polygonize, spatially merge, and export data in QGIS
- Used R to scrape, code, and semi-automate text analysis from peace agreement documents
- Used R and APIs to query Chicago crime and census data and geospatially merge
- Used SQL BigQuery on a number of conflict-related projects to extract data
- Developed an interactive infographic mapping climate disasters and migration patterns over time
- Created quizzes in Qualtrics for complex grading schemes

TEACHING EXPERIENCE

2025 **University of St Andrews, School of International Relations**

Computational Team Coordinator ['Vertically Integrated Project (VIP)' Module], Global Fragmentation and Conflict Management

2025 **SOAS University of London, International Summer Course on (Im)mobilities (ISCM)**

Seminar Convenor [Graduate-level seminar], From Structural Violence to 'Resource Wars': The Climate Change, Conflict and Displacement Nexus

2024 **Universität Basel, Institute for European Global Studies**

Lecturer [Instructor of record for a block seminar for graduate students], Climate Change, Conflict, and Economic Adaptation: Perspectives on Migration and Sustainable Development

2018–2023 **Loyola University Chicago, Department of Political Science**

Lecturer [Full instructor of record for 40 student class], Political Science 102: International Relations in an Age of Globalization; *Guest Lecturer*, Democracy and Refugee Rights; Foreign Policy; IR Theory in Asia

2022 *Teaching Assistant [Organized/guided students through a short-term study abroad course]*, Political Science 300D: Faculty-Led Program in Colombia

2017-2018 **Iowa State University, Department of Political Science**

Teaching Assistant [Assisted with R scripts/statistics assignments, proctored and graded exams, held office hours, delivered lectures, etc.], Ethics and Politics; Comparative Government and Politics; Empirical PLSC Research; Political Behavior; American Institutions: Congress

MENTORSHIP EXPERIENCE

2025 **MLitt Thesis Supervision,** Shreyas Rajagopal, *Global Social & Political Thought, University of St Andrews*

2025 **Learning Contract,** Nives Häfliger, *Climate Change and Conflict in the DRC, University of Basel*

2025 **Undergraduate Thesis Mentor,** Alexis Folks, *BA in Marketing, Anglo-American University in Prague*

2024-2025 **PhD Methods Support** Aarushi Sharma, Katelyn Nutley, Louise Courbin, Erin Sindle, *University of St Andrews*

2024 **Learning Contract,** Melanie Dippel, *Conflict Mediation & Negotiation: Data Training, University of Basel*

CONFERENCE PRESENTATIONS

2025 **Political Methodology (PolMeth) Europe 2025**

2024 **Causal Data Science Meeting (CDSM)**

2024 **Conference on Advanced Research Methods and Analytics (CARMA)** 6th Meeting on Internet & Big Data in Economics & Social Sciences

2022-2025 **American Political Science Association (APSA)**, 2022, 2023, VRM 2024, 2024, VRM 2025, 2025

2024-2025 **European Political Science Association (EPSA)**, 2024, 2025

2023 **Empirical Studies of Conflict (ESOC) Annual Meeting**

2018-2024 **International Studies Association,** 2018, 2022, 2024, 2025

2018-2023 **Midwest Political Science Association (MPSA), Chicago,** 2018, 2020, 2022, 2023

INVITED LECTURES AND PRESENTATIONS

2023-2025 **Invited Talks**, Harvard Law School, University of Oxford (Lady Margaret Hall and Campion Hall), University of Pennsylvania, Brown University, University of California Berkeley, Northwestern University, University of Edinburgh, King's College London, Trinity College Dublin, University College Dublin, University of Zurich, University of Essex, University of Strathclyde, University of St Andrews, University of Oregon, Lafayette College

2025 **Political Economy of Climate and Environment (PECE)**, *Invited Presenter*, Vancouver, Canada

2025 **International Summer Course on (Im)mobilities (ISCM)**, Invited Seminar Convenor, *"From Structural Violence to 'Resource Wars': The Climate Change, Conflict and Displacement Nexus"*

2025 **Bridging the Gap - International Policy Summer Institute (IPSI),** Washington, D.C.

2025 **EPSA LLM Pre-Conference Workshop**, Madrid, Spain

2025 **APSA Research Group**, Invited Participant, *Advancing the Use of Computational Tools in Political Science*

2025   **Junior Scholars in Quantitative Conflict Workshop series**, Invited Talk, *"Geography of Peace: Proximity and Success in Conflict Resolution"*

2025   **Rebel Financing and Rebels' Use of Economic Instruments for Rebel Governance Pre-Conference Workshop**, Presenter, *"The Role of Militarized Mediators in Modern Insurgencies"*

2024   **"Anthropocene" Ringvorlesung Lecture Series**, Universität Basel, *Invited Lecture on Anthropocenic Mobilities*

2024   **Violence, Instability, and Peace (VIP) Workshop,** Invited workshop of project on humanitarian-based conflict mediation post-displacement shocks

2024   **Progress, Pitfalls, and Promises of Political Science in Migration and Citizenship Research,** Inaugural APSA Virtual Research Meeting

2024, 2025   **PGR Methods Café,** Roundtable Discussant for Quantitative Methods, *University of St Andrews*

2023   **Solutions to Environmental Problems (STEP): Climate Action,** Invited Speaker, *"Migration-Preventative Adaptation Responses"*

2023   **Back in Business: Bringing firms into Global Local Networks of Conflict Prevention and Peacebuilding,** Invitation-only session, *ISA Annual Convention, Montréal*

2022   **Journeys in World Politics,** University of Iowa, *Sponsored by Women in Conflict Studies (WICS)*

2022   **Ideas, Interests, Institutions, & Nation-state Climate Politics: Mitigators, Adapters, & Mitigator-Adapters Workshop,** *Tulane University*

2022   **ISSS & ISA Pay It Forward Program for Early Career Women**, *Sponsored by the International Security Studies Section of the International Studies Association*

GRANTS AND AWARDS

2025-2030   **Ad Astra Fellow Research Award (University College Dublin)**, *Award: €25,000*

2025-2029   **Ad Astra Fully Funded PhD Studentship (University College Dublin)**, *Award: €88,000*

2024-2025   **Foreign Commonwealth Development Office, United Kingdom**, Data Manager on *£19 million* PeaceRep Grant Project

2024   **Political Economy of Climate and Environment**, *Award: C$400*

2024   **Institute for European Global Studies, University in Basel**, *Award: ₣11,985*

2023   **World Wildlife Fund**, Fishery, conflict, and climatological data and research, *Award: $20,000*

2023   **ISA Pay It Forward Travel Grant & Mentoring Program**, *Award: $500*

2023   **ISA Research Workshop Award (Collaborator on Proposal)**, *Award: $2,500*

2023   **Box-Steffensmeier Scholarship**, *Award: Fully funded ICPSR methods courses for both sessions*

2023   **Loyola Rule of Law Institute – Graduate Student Fellow**, *Award: $3,500*

2023   **Institute of Turkish Studies Language Grant Awardee**, *Award: $3,000*

2023   **International Studies Sponsorship, Iowa State University**, *Award: $1,500*

2018   **IMISCOE/Association of Migration (GAR) Doctoral Research Award on Integration & Adaptation Strategies for Refugees**, *Award: Funded PhD Summer School*

2017   **Dwight Ink Scholar, Iowa State University**, *Award: $1,000*

HONORS

2025   **Oxford University Press Early Career Researcher First Book Prize**, Round 2 - Awaiting further decision

2024   **APSA Best Dissertation Prize,** Migration & Citizenship Section, *Honorable Mention*

2025   **APSA First-generation Scholar Award**, Diversity and Inclusion Program

2025   **APSA Early Career Scholar Mentorship Program**, Liam Beiser-McGrath, LSE

2025   **Global Environmental Politics, Early Career Scholar Mentorship Program**, Matthew Hoffmann, UToronto

2023   **Equity in Quantitative Research Fellow,** Institute for Racial Justice (IRJ)

2023   **Gannon Graduate Leadership Fellow**

2023   **Fulbright U.S. Scholarship Program (Istanbul, Turkey)**, *Selected as alternate*

2022   **ISSS Pay It Forward mentoring program for early career women**

2022, 2023   **MPSA Mentorship Reception**

PROFESSIONAL AFFILIATIONS

2025-Present	**Empirical Studies of Conflict (ESOC)**, Princeton University, *Mentorship Program*
2024-Present	**Network for Climate, Energy, Environment, and Sustainability (STACEES)**, University of St Andrews
2023-Present	**Fellow at the Centre for Global Law and Governance**, University of St Andrews
2023-Present	**Private Enterprise and Peace (PEP) Lab Research Affiliate**
2023	**Council of Graduate School Programs (CGSP)**
2023	**Graduate Studies Coordinating Board (GSCB)**
2022-Present	**American Political Science Association (APSA)**, Migration & Citizenship; Conflict Processes
2022-Present	**International Studies Association (ISA)**, Environmental Studies; Peace Studies
2022-Present	**National Center for Faculty Development and Diversity (NCFDD)**
2020-2023	**Graduate Student Advisory Council (GSAC)**, President (2022), Secretary (2021), Political Science Department Delegate (2020)
2018-2023	**Midwest Political Science Association (MPSA)**
2016-Present	**Pi Sigma Alpha – The National Political Science Honor Society**
2012-2014	**National Honor Society (NHS)**

PROFESSIONAL AND COMMUNITY SERVICE

2020-Present	**Reviewer**, Journal of Politics; Review of International Political Economy; International Migration
2025	**Vertically Integrate Project Computational Team, University of St Andrews**, Recruitment Manager
2024	**PeaceRep Research Associate Hiring Committee**, Committee Member
2023-2024	**Junior Scholars in International Security, Etc. (JSISE)**, Organizer
2023	**Loyola Office of Student Conduct and Conflict Resolution**, Associate
2022-2023	**Symposium Co-Organizer and Moderator**, Interdisciplinary Graduate Research Symposium
2022	**Loyola Undergraduate Research Mentoring Program**
2022	**Loyola Undergraduate Research & Engagement Symposium**, Evaluator
2019-2023	**RefugeeOne, English Tutor**, Chicago, IL
2019	**Project Elea Refugee Camp, Teacher**, Athens, Greece
2015-2018	**Court-Appointed Special Advocate**, Child Advocate, Ames, IA

PROFESSIONAL TRAINING

2025	**Empirical Implications of Theoretical Models (EITM) Summer Institute**, *Sponsored by the University of Michigan (NSF)*, Project: 'Instrumenting Environmental Displacement'
2025	**Political Methodology (PolMeth) Europe**, *Advances in Causal Inference*; *New Methods*; *RDDs & MRP*; *Networks & Connections*; *LLMs & Measurement*
2025	**Reproducible Research Fundamentals**, *Sponsored by the World Bank (DIME)*
2024	**Computational Text Analysis Methods and an Application for Theory Building; Review of most popular Topic Modelling techniques**, *Sponsored by CARMA 2024 - Internet and Big Data in Economics and Social Sciences*
2023	**Data with R: A Dynamic 3-Day Data Analysis Course**, *Sponsored by the Center for Data Science and Consulting*
2023	**Workshop on Advanced Research Methods (WARM)**, *Machine Learning for SS, Ian Lundberg*; *Sequence Analysis: Past, Present, and Future, Tim Liao*; *Text Analysis for SSS, Ana Macanovic*
2023	**Preparing Effective Grant Applications**, *Sponsored by Women in Conflict Studies Seminar*
2023	**International School on Climate Migration**, *Sponsored by Earth Refuge*
2023	**Machine Learning Scientist with R: Sentiment Analysis & Intermediate Python Courses**, *Sponsored by DataCamp - Polarity scoring*; *tidytext*; *Visualization*; *lists*; *Numpy*; *Matplotlib*; *Dictionaries*; *Loops*; *Logical operators*
2022, 2023	**Nonprofit Grant Writing Workshop Series & Grant Writing Workshop Series**, *Sponsored by the Graduate Studies Coordinating Board, Loyola University Chicago*
2023	**Qualtrics XM Professional Coursework**
2022, 2023	**APSA Dissertation Workshop on Migration and Citizenship**, *Sponsored by the Migration & Citizenship Section*
2022	**Inter-university Consortium for Political & Social Research (ICPSR)**, *Mathematics for Social Scientists*; *Advanced Empirical Modeling of Social Science Theory*; *Causal Inference for the Social Sciences*

2022 **Responsible Conduct In Research and Scholarship Course**, *Sponsored by TGS*

2020 **Teaching Effectiveness Seminar (TES)**, *Sponsored by TGS*

2020 **Indiana University Language Workshop**, *Turkish I*: *Intensive 8-week course*

2019 **PhD Summer School in Istanbul - Migrant Integration & Social Cohesion**, *Sponsored by IMISCOE and the University of Gothenburg & Government-Assisted Refugees (GAR) Program*

2016 **Political Science and Law**, *The University of Edinburgh*, Edinburgh, Scotland, UK
Study Abroad & Internship with Scottish Parliament

2015 **Spanish Language**, *La Universitat de València*, Valencia, Spain
Study Abroad

CERTIFICATIONS

2023 DataCamp Data Scientist Professional, R; SQL, Python

2023 Qualtrics XM Professional Certification

2022 Empirical Implications of Theoretical Models (EITM) Certification

COMPUTER AND TECHNICAL SKILLS

Data Skills: Querying (e.g. SQL/Python/Google BigQuery); Excel VBA; Geospatial Data (e.g. QGIS/R); Data mining and scraping; Machine Learning (e.g. RF, K-Means); Text Analysis

Software Proficiency: R, QGIS, SQL, STATA, JMP, Python, Google App Script, SAS, SPSS, Excel VBA, LaTeX

Statistical Methods: Difference-in-Differences; Survey Experiments; Granger Causality; OLS; Multilevel Models; Logistic Regression; Survival Analysis (Weibull, Cox-PH); Random Forest; Generalized Additive Models; Change Point Analysis; Principal Component Analysis, etc.

Created Dynamic Visualizations: *Drivers of Fishery-Related Militarized Disputes ShinyApp* Shows dynamic global annual map of temperature anomalies, fish stock and fishery-related MID dyads.

Created R Packages and Apps: *BreakFinder:* Enables comprehensive change point analysis by iterating through all variables in data, in newly specified ways, revealing abrupt transitions in aggregate.

DATABASES

2025 **D'Amico, Elisa**; Melin, Molly; Sosa, Santiago, "Replication Data for: Private Goods for Peace - Economic Reintegration in Peace Agreements", Harvard Dataverse, V1, doi:10.7910/DVN/I4NXPL

2025 Peter, Mateja; Badanjak, Sanja; **D'Amico, Elisa**; Houghton, Kasia, "Mediation Event and Negotiators Database (MEND)", Harvard Dataverse, V1, doi:10.7910/DVN/PYRHS6

2025 **D'Amico, Elisa**, "Replication Data for 'From Garments to Grievances: The Dynamics of Urban Growth and Economic Shocks in Rapidly Industrializing Economies'", Harvard Dataverse, V1, doi:10.7910/DVN/XE1MQE

LANGUAGES AND NATIONALITIES

English: Native

Spanish: C1 (Advanced)

Turkish: Intermediate-Mid (ACTFL)

Arabic: Intermediate-Low (coursework in Arabic 101-104)

Available for flyouts from any of these locations, whether within the U.S., within Europe, or within the U.K., upon request.

Citizenship: United States; Italy (EU)

Skilled Worker Visa: United Kingdom