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Elisa D'Amico

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
- 2024–2025 **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 **Big Data & Empirical Modeling Research Consultant**, *University of Denver and World Wildlife Fund* Forecasting future fisheries conflict; Leveraging big data and running prediction models

PUBLICATIONS

- Article **D'Amico, E.** (2025). Unrest in Urbanity: Unraveling the Impact of Economic Shocks on Migration and Urban Dynamics. *Review of International Political Economy*.
- Article **D'Amico, E.** (2025). Resilient by Design: An Investigation of Climate Adaptation Laws in New England. *Nature Climate Action*.
- Article **D'Amico**, **E.**, Melin, M., & Sosa, S. (2025). Private Goods for Peace: Economic Provisions of Peace Agreements and the Durability of Peace. *Journal of Peace Research*.
- Article Maboudi, T. & **D'Amico**, **E.** (2025). Life, Liberty, and Litigation: The Impact of Environmental Laws and Constitutional Rights on Climate Change Litigation. *Political Research Quarterly*.
- 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.**, & Houghton, K. (forthcoming). Financial Dependencies and Conflict Resolution: The Role of Militarized Mediators in Modern Insurgencies. *Civil Wars*.
- Article **D'Amico, E.** & Maboudi, T. (R&R). Timing Matters: Analyzing Climate Policies and Adaptive Resilience. *Climate Policy*.
- 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

- Grant **D'Amico, E.** Pathways of a Warming World: Harnessing Machine Learning and Geospatial Tools for Climate Displacement Measurement. *Wellcome Trust*.
- Book **D'Amico, E.** *Turbulent Tides: Climate, Migration, Conflict, & the Quest for Economic Stability.* Oxford University Press, finalist of 'Early Career Researcher First Book Prize.'
- Article **D'Amico**, **E.** The Geography of Conflict Mediation: Proximity and Success in Armed Conflict Resolutions. *Comparative Political Studies*.
- Article **D'Amico, E.** Weathering War: How Environmental Shocks Shape Rebel Strategies and Peace Outcomes. *International Studies Quarterly*.
- Article **D'Amico, E.** A Quasi-Experimental Approach to Sustainable Development Shocks: Hydropower's Role in Conflict. *Global Environmental Politics*.

- Article D'Amico, E. The Price of Instability: The Economic and Human Cost of Climate Shocks. Scientific Reports.
- Article **D'Amico**, **E.** & Nutley, K. Legislating Under Pressure: The Conditional Influence of Environmental Protest on Climate Policy. *British Journal of Political Science*.

WORKING PROJECTS *'NS' indicates near submission

- Article [NS] **D'Amico**, E., Glaser, S., & Hendrix, C. From Ocean Changes to Conflict: Predicting Fishery-Related Militarized Disputes in a Warming World.
- Article [NS] Häfliger, N & D'Amico, E. From Disaster to Dispute in the DRC: Climate's Role in Resource Wars.
 - Article **D'Amico**, E., Ha, N., Heintze, D., & Wang, J. Migration in Conflict: The Empirical Roots of Strategic State Violence.
 - 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.

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 **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.

EDUCATION *First-generation student and scholar

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

RESEARCH EXPERIENCE

- 2025- Data Manager, Global PeaceHub: Mediation and Negotiators Database (MEND)
- 2023 **Automation Research Consultant**, *University of St Andrews*, *School of International Relations* Global Fragmentation and Peacemaking PeaceRep Consultancy and Database Building
- 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 Transcribed and coded focus group recordings, synthesizing data on equity in gifted programming.
- 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.
 - 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 SQL BigQuery and APIs 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

- 2025-2026 University College Dublin, School of Politics and International Relations
 - Project Supervisor, "Climate Law Framing and Legislative Success in Ireland," Masters Computational Course
 - 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
- 2024–2025 Universität Basel, Institute for European Global Studies
 - 2025 Lecturer [Independent study with Nives Häfliger], Climate Change and Conflict in the DRC
 - 2024 Lecturer [Instructor of record for a block seminar for graduate students], Climate Change, Conflict, and Economic Adaptation: Perspectives on Migration and Sustainable Development
 - 2024 Lecturer [Independent study with Melanie Dippel], Conflict Mediation & Negotiation: Data Training
- 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

- 2026 M.S. Thesis Co-supervisor, Nayara Martins, Sustainability Research, Social Sciences Department, University of Basel
- 2026 B.Sc. Thesis Assessor, Nabilah Mohammad, Economic and Environmental Crises, University College Dublin
- 2025 Ph.D. Dissertation Committee, Kasidech Somboonkittichai, Peace Talks & Diffusion, University College Dublin
- 2025 MLitt Thesis Supervisor, 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 **B.A. Thesis Mentor,** Alexis Folks, Marketing, Anglo-American University in Prague
- 2024-2025 PhD Methods Support, Aarushi Sharma, Katelyn Nutley, 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
 - 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
 - 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, Sponsered 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: €116,000
- 2025-2026 Data Manager, PeaceRep (MEND). Foreign Commonwealth Development Office, UK, Award: €40,000
 - 2025 APSA Migration and Citizenship Section Research Award, Award: C\$300
 - 2024 Political Economy of Climate and Environment, Award: C\$400
 - 2024 Institute for European Global Studies, University in Basel, Award: F11,985
 - 2023 World Wildlife Fund, Fishery, conflict, and climatological data and research, Award: \$20,800
 - 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, Finalist
- 2025 Advisory Board Appointment, Climate Laws, Institutions, Policies and Practices (CLIPPS) Database
- 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
- 2025–Present **Houghton Policy**, Research & Consulting, Associate
- 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 Reviewer, Journal of Politics; Review of International Political Economy; International Migration
- 2025– **PPE Liaison**, Representative for the Politics component of the Undergraduate Philosophy, Politics, and Economics (PPE) program
- 2025 **Advisory Board Member**, NSF-funded CLIPPS Project (Climate Laws, Institutions, Policies, and Practices in nation-States), led by American University and Loyola University Chicago
- 2025- Vertically Integrated Project Computational Team, University of St Andrews, Recruitment Manager
- 2024 PeaceRep Research Associate Hiring Committee, Committee Member
- 023-2024 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
- 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
- 2025 **D'Amico, Elisa**, "Replication Data for: Resilient by Design: Isolating Impactful Climate Adaptation Measures in New England", Harvard Dataverse, V1, doi:10.7910/DVN/GBWZEC
- 2025 **D'Amico, Elisa**; Maboudi, Tofigh, "Replication Data for: Timing Matters: Analyzing Climate Policies and Adaptive Resilience", Harvard Dataverse, V1, doi:10.7910/DVN/704ZFD

LANGUAGES AND NATIONALITIES

English: Native

Spanish: C1 (Advanced)

Turkish: Intermediate-Mid (ACTFL)

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

Citizenship: United States; Italy (EU)