

MARTA KRAWCZYNSKI, *Environmental/Urban Planner*

LinkedIn | Website | Portfolio

EDUCATION

NEW YORK UNIVERSITY (NYU), *Master of Urban Planning* May 2024

Relevant Courses: Disaster Risk Analysis, Climate Economics, Geopolitics of Energy, Urban Design, Land Use Law

FORDHAM UNIVERSITY, *Bachelor of Arts (BA) Economics, Environmental Studies* May 2021

Relevant Courses: Statistical Decision Making, Game Theory, Macroeconomic Analysis, Microeconomic Theory

SKILLS

Design: Adobe Creative Suite (InDesign, Photoshop, Illustrator), Google Slides, Canva, SketchUp, Figma

Data/Analysis: Python (Pandas, NumPy, Matplotlib), RStudio, Excel, GitHub

Geospatial Processing Tools: ESRI, ArcGIS Pro, Google Earth Engine, EM-DAT, Story Maps

Project Management: Microsoft Office, Google Suite, Trello, Notion

Languages: Fluent – Polish, Basic – French, Basic– German, Basic—Russian

Other: Circular Economy, Op-Eds, Critical Raw Minerals, Community Engagement, Conference Management, Technical Writing, Benefit-Cost Analysis, Risk Management, Search Engine Optimization, Climate Change, Climate Justice

RESEARCH EXPERIENCE

Volunteer, Rebuild by Design May 2023—Current

- Led and performed research for the Connecticut section of the Atlas of Disaster project, analyzing major disaster declaration data since 2011 to develop targeted resilience strategies and legislative maps essential for grassroots campaigning.

Independent Study under Dr. Mitchell Joachim's guidance, New York University Fall 2023

- Authored a report analyzing the political and environmental dimensions of hydrological systems in the United States, Ukraine, the USSR, and China, focusing on their development, design, and the consequences of their destruction.

WORK EXPERIENCE

Junior Consultant Intern, Ramboll January 2024—May 2024

- Executed a business case study on integrating renewable energy into data centers to meet growing energy demand driven by AI, considering state-by-state economic incentives and climate change challenges in the Great Lakes region.
- Oversaw the team in structuring and designing the report layout in Adobe InDesign, integrating Ramboll design elements to ensure a cohesive flow of research and enhanced visual appeal for client engagement.

Strategic Partnerships Unit Fellow, NYC Emergency Management (NYCEM) October 2023—May 2024

- Designed and guided a communications exercise to assess the robustness of partnerships with the private sector and evaluated the efficiency of emergency management alerts, aiming to enhance membership in the program.
- Performed preliminary research on renters' insurance and shared findings with the Risk Reduction team, contributing to the development of a comprehensive guidebook for New Yorkers outlining coverage options and policy details.

Capstone Consultant, Town + Gown: NYC Department of Design and Construction September 2023—May 2024

- Developed a report assessing the feasibility of leveraging Industrial Business Zones for a circular economy in construction waste disposal (CDW), analyzing waste management, workforce development, and industry trends across five IBZs.
- Directed data and spatial analysis using comprehensive land use and geographic datasets, including PLUTO and FEMA Flood Maps, while overseeing the design process in SketchUp and Illustrator and producing the final report in InDesign.
- Managed stakeholder outreach by supporting 32 interviews with industry experts, public agencies, and community members and administering surveys to capture local businesses' key experiences and opinions concerning CDW.

Graduate Research Assistant, NYU Rudin Center for Transportation July 2023—May 2024

- Co-authored and facilitated quantitative and qualitative analysis to design a report, addressing key issues such as funding challenges, historical context, and recommendations for improving accessibility in NYC's public transportation system.
- Created a comprehensive report in Adobe InDesign, utilizing Digital Accessibility tools and incorporating QGIS-analyzed maps and infographics to emphasize ADA compliance progress while highlighting critical system-wide accessibility gaps.
- Researched flood mitigation design interventions, emphasizing the importance of adopting multifunctional strategies that integrate green and gray infrastructure to tackle emerging threats effectively.

Graduate Research Assistant for Dr. Vanessa Deane, New York University July 2023—September 2024

- Conducted a literature review and contributed to a comparative case study on the impact of post-colonial EU designations on climate adaptation in French and Dutch Caribbean countries, focusing on EU law and post-colonial frameworks.
- Aided in developing the research design by employing mixed methods—including quantitative analysis, archival research, content analysis, and observations—to create a framework for selecting countries for the next phase of the study.

Investigative Analysis Group (IAG) Analyst, Diligent Corporation April 2021—January 2023

- Assisted clients like Uber and Coca-Cola by performing research through open-source investigations, enhanced due diligence, and Boolean search-based research, while producing intelligence reports and fulfilling client-specific investigative needs.
- Prepared concise reports of analysis adhering to Diligent guidelines concerning the chosen investigation by the client, including regulatory compliance and other types of analysis.