Matthew Campo

Edward J. Bloustein School of Planning and Public Policy

Rutgers, The State University of New Jersey

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Personal Profile

Researcher with 13+ years working in consulting and academic environments. In depth knowledge of methods to assess the sustainability and resilience of built environments and transportation systems. Strong background in project management, data analysis, stakeholder engagement and business development. Works across disciplines to provide impactful results and tools for clients.

Education

Rutgers, the State University of New Jersey, New Brunswick, NJ: The Edward J. Bloustein School of Planning and Public Policy

- *Ph.D. Planning and Public Policy, Candidate*

Rutgers, the State University of New Jersey, New Brunswick, NJ: The Edward J. Bloustein School of Planning and Public Policy

- *Masters of City and Regional Planning, May 2012*

Virginia Tech, Blacksburg, VA

- *B.S. Industrial and Systems Engineering, May 2004*

Professional Experience

Edward J. Bloustein School of Planning and Public Policy, Rutgers University

New Brunswick, New Jersey

Senior Research Specialist, Environmental Analysis and Communications Group

2010-Present

Conduct independent research, coordinate staff and student assignments. Participate in business development planning. Represent the Group and School in public meetings and presentations.

Initiatives and projects include:

- Leading community and expert engagement for NJ FRAMES, a National Oceanic and Atmospheric Administration (NOAA) funded community resilience planning effort in Monmouth County, NJ. <u>Activities:</u> Develop methodologies and execute on the facilitation of public and expert input for developing a 15 municipality regional resilience plan.
- Staffing the *New Jersey Climate Adaptation Alliance*, a network of non-governmental organizations focused on advancing preparedness and adaptation to a changing climate in New Jersey. <u>Activities:</u> Developed public policy and coastal hazard planning recommendations that advanced climate change preparedness and resilience in New Jersey through research and stakeholder engagement activities related to energy infrastructure, transportation infrastructure, and agriculture and water resources management.

- Researching needs of water-dependent stakeholders to enhance the effectiveness of the Port Tomorrow resilience planning tool and other NOAA resources to enhance the resilience of coastal communities.
  Activities: Conduct interviews and focus groups to produce recommendations and tools for port and community planning and systems deployment to a national scale.
- Managing efforts to engage stakeholders to support development of the Mid-Atlantic Ocean Planning Portal, an online toolkit that consolidates available data to support government and public initiatives to visualize and analyze ocean resources and human use information in partnership with NOAA and the *Mid-Atlantic Regional Council on the Oceans* (MARCO)
  Achievements: Developed analyses and maps; and facilitated workshops to support the Mid-Atlantic Ocean Data Portal to create marine spatial planning analyses for use in a web-based planning tool.
- Performed research tasks for the US Environmental Protection Agency Pollution Prevention program to assist in targeting technical assistance for facilities vulnerable to flooding with consideration of climate change impacts and sea level rise.
  Activities: Compiled and analyzed environmental reporting, land use, permit and associated facility information to determine critical attributes for screening target facilities for technical assistance.
- Provided support to the Mid-Atlantic Regional Council on the Oceans (MARCO) to advance coastal resilience, working with the *MARCO Climate Change Action Team.*
  Achievements: Facilitate dialogue of representations from five states to the regional Climate Change Action Team as part of a strategic planning effort to identify priority trans-boundary climate change impacts in the region as priorities for MARCO involvement.
- Worked in partnership with the Rutgers Center for Green Building with analyses to evaluate the impacts of Energy Benchmarking and Disclosure legislation on private sector actors across the United States on behalf of the US Department of Energy.
  Activities: Conducted interviews and focus groups to produce recommendations and templates for impactful dissemination of benchmarking data and analyses through federal agencies and the Institute for Market Transformation.
- Performed research tasks and data analysis to support the Department of Homeland Security for the project Supporting Secure and Resilient Inland Waterways. The project seeks to develop a prototype decision support system to provide alternatives available for offloading critical barge cargo in the event of a catastrophic disaster on domestic inland waterways.
  Achievements: Produced a prototype geospatial model for decision support and developed methods for understanding critical infrastructure attributes for emergency capacity.

Ernst & Young
New York, NY
Manager, Real Estate Advisory Services
2009-2010
Served as a manager in the consulting practice, supervising project staff and conducting business development activities.
- Led teams of junior analysts in developing and implementing occupancy cost reduction and outsourcing strategies for corporate clients related to facilities services, workplace design, transaction management and project management.
- Managed the analysis of a global outsourcing process and location strategy for a Fortune 500 professional services organization.

Transsystems
New York, NY
Senior Real Estate Consultant
2007-2009
Responsible for creating real estate valuation, financial analysis and market analysis tools and models for developers and shippers.

- Performed financial and operational analyses related to consumer demographics, goods movement, infrastructure capabilities, and labor considerations for US based industrial developers and manufacturers.
- Created short and long-term strategies for public and private investors in industrial real estate focused on goods movement trends, changing infrastructure capabilities, and the resulting effects on domestic real estate markets

Ernst & Young
New York, NY
Senior Consultant, Real Estate Advisory Services
2004-2007
Performed analyses, supervised junior project staff and conducted business development activities.

- Performed labor market analysis, business incentives research, location screening and financial modeling for clients interested in locating:
  - Manufacturing facilities in the United States, Eastern Europe and Southeast Asia
  - Commercial office facilities in the United States
  - Business process outsourcing facilities in North America, Latin America, Europe and Asia
- Led teams of junior analysts in developing real estate occupancy cost reduction and strategies for corporate clients related to facilities services, workplace design, transaction management and project management
- Created corporate real estate policies and financial compliance procedures for clients in the financial services, pharmaceutical, hospitality and education industries

Teaching

Undergraduate Courses

Research Methods in Policy, Health, and Administration (Instructor), Managerial Epidemiology (TA), Introduction to Planning, Policy, Public Health (TA)

Service and Professional Activities

- Transportation Research Board Freight and Marine Young Members Committee, 2013 – Present, Co-Chair, 2015 – Present
- Association of Collegiate Schools of Planning (ACSP), Member 2015-present
- American Planning Association (APA), Member 2010-present
- Journal Referee
  - Transportation Research Part D: Transport and Environment.
  - Journal of Planning Education and Research
  - Transportation Research Record

Peer Reviewed Journals

Lathrop, R. G., Odell, J., MacDonald, T., Vilacoba, K., Bognar, J., Trimble, J., . . . Campo, M. (2017). The Role of Mid-Atlantic Ocean Data Portal in Supporting Ocean Planning. *Frontiers in Marine Science, 4*(256). doi:10.3389/fmars.2017.00256

Campo M. Mayer H. and Rovito J. (2012) Supporting Secure and Resilient Inland Waterways: Decision Framework for Evaluating Offloading Capabilities at Terminals During Catastrophic Waterway Closures. *Transportation Research Record.* 2273:10-17.

Book Chapters

Greenberg, M. R., Coon, M., Campo, M., & Whytlaw, J. (2017). Finding locations for endurably objectionable energy-related facilities: the CLAMP policy. In S. Bouzarovski, M. J. Pasqualetti, & V. Castan Broto (Eds.), *The Routledge Research Companion to Energy Geographies* (pp. 234-247). New York: Routledge.

Campo, M., Greenberg, M., Mayer, H., & Lowrie, K. (2014). The Challenges of Obtaining Credible Data for Transportation Security Modeling. In C. Brown, K. Peters, & K. Nyarko (Eds.) *Cases on Research and Knowledge Discovery: Homeland Security Centers of Excellence* (pp. 1-19). Hershey, PA: Information Science Reference. doi:10.4018/978-1-4666-5946-9.ch001

Professional Reports and Publications

Kaplan, M.B., Campo, M., Auermuller, L., Herb, J. (2016) *Assessing New Jersey's Exposure to Sea-Level Rise and Coastal Storms: A Companion Report to the New Jersey Climate Adaptation Alliance Science and Technical Advisory Panel Report.* Retrieved from http://dx.doi.org/doi:10.7282/T3765HK2

Kopp, R. E., Broccoli, A., Horton, B. P., Kreeger, D., Leichenko, R., Miller, J. A., Miller, J.K., Orton, P., Parriss, A., Robinon, D.A., Weaver, C.P., Campo, M., Kaplan, M.B., Buchanan, M.K., Herb, J., Auermuller, L., Andrews, C. J. (2016). *Assessing New Jersey's Exposure to Sea-Level Rise and Coastal Storms: Report of the New Jersey Climate Adaptation Alliance Science and Technical Advisory Panel.* Retrieved from http://dx.doi.org/doi:10.7282/T3ZP48CF

Campo, M., Herb, J., Grannis, J., & MacDonald, A. (2015). *Advancing Preparedness of Climate Change Impacts on Coastal Communities in the Mid-Atlantic: MARCO Climate Preparedness and Hazard Resilience Capacity*. NOAA Office for Coastal Management, Retrieved from http://midatlanticocean.org/wp-content/uploads/2016/03/Advancing-Preparedness-of-CC-Impacts-on-Coastal-Communitites-in-the-MidA_Rutgers-FINAL.pdf.

Carnegie, J., Herb, J., & Campo, M. (2014). *Post Sandy Policy Gaps and Responses.* Prepared for The Fund for New Jersey. Edward J. Bloustein School of Planning and Public Policy; Rutgers, The State University of New Jersey.

New Jersey Climate Adaptation Alliance (NJCAA). (2014). *Resilience. Preparing New Jersey for Climate Change: Policy Considerations from the New Jersey Climate Adaptation Alliance*. Edited by Matt Campo, Marjorie Kaplan, Jeanne Herb. New Brunswick, New Jersey: Rutgers University.

New Jersey Climate Adaptation Alliance (NJCAA). (2013). *Resilience. Preparing New Jersey for Climate Change: A Gap Analysis from the New Jersey Climate Adaptation Alliance.* Edited by Matt Campo, Marjorie Kaplan, Jeanne Herb. New Brunswick, New Jersey: Rutgers University.

Presentations

Campo, M. (2017, August 8-10). *Partnerships for Building Capacity to Advance Science-Informed Resilience Planning in New Jersey.* Presented at the 2017 US CLIVAR Summit, Baltimore, MD.

Campo, M. (2017, May 6). *Advances in Resilience Planning: Coastal NJ*. Presented at the 2017 National Planning Conference, New York, NY.

Campo, M. (2017, April 24). *Partnerships for Building Capacity to Advance Science-Informed Resilience Planning in New Jersey.* Presented at the New Jersey County Planners Association Meeting, Lincroft, NJ.

Campo, M. (2017, January 26-27). *Planning for Sea Level Rise: Outcomes from the New Jersey Climate Adaptation Alliance Science and Technical Advisory Panel.* Presented at the New Jersey Planning Conference, New Brunswick, NJ.

Campo, M. (2016, November 3-6). *The Implications of Integrating Pollution Data into Planning Processes for Industrial Waterfronts in New Jersey.* Presented at The Association of Collegiate Schools of Planning Annual Conference, Portland, OR.

Campo, M., Kaplan, M.B. (2016, October 18-20). *Rutgers Science and Technical Advisory Panel: Overview and Next Steps.* Presented at the New Jersey Associate for Floodplain Management 12th Annual Conference, Atlantic City, NJ.

Campo, M. (2016, September 1). *Using Maps to Engage Stakeholders.* Presented at NOAA Using Flood Exposure Maps, Webinar.

Campo, M. (2016, June 21-23) *Commercial Marine Transportation and Ocean Use: Data Needs for Multidisciplinary Long-Term Planning.* Presented at 4th Biennial TRB–CMTS Research and Development Conference: Washington, DC.

Campo, M. (2016, June 28). *Using Maps to Engage Stakeholders.* Presented at NOAA Using Flood Exposure Maps, Webinar.

Campo, M. (2015, March 26). *Real Estate Stakeholder Utilization of Benchmarking Data.* Presented at Developing Solutions to Commercial Building Benchmarking and Transparency Challenges, Philadelphia, PA.

Campo M, Rovito J. (2013, Jan 13-17). *Catastrophic Modeling of Potential Disruptions to Inland Waterway Systems.* Presented at: Transportation Research Board (TRB) 92nd Annual Meeting, Washington, D.C.

Campo M, Mayer H, Rovito J, Nachtmann H, Pohl L. (2012, Jun 26-28). *Supporting Secure and Resilient Inland Waterways: Data Frameworks to Improve Emergency Decision Making Capabilities.* Presented at Diagnosing the Marine Transportation System: Measuring Performance and Targeting Improvement. 2012 Transportation Research Board Biennial Research and Development Conference, Washington, D.C.

Campo M, Mayer H, Rovito J. (2012, Jan 22-26). *Supporting Secure and Resilient Inland Waterways: Decision Framework for Evaluating Offloading Capabilities at Terminals During Catastrophic Waterway Closures.* Paper presented at Transportation Research Board (TRB) 91st Annual Meeting, Washington, D.C.