



Kristin A. Marcell

Climigration Network Director | Consensus Building Institute

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climigration.org

PROFESSIONAL SUMMARY

More than 14 years' experience managing partner networks that build collaborative approaches and innovative technical, funding, outreach, design, marketing, and decision-support assistance to communities and governments to create global models for climate resilience.

EXPERIENCE

2020-Present **Consensus Building Institute** Moses Lake, WA
Climigration Network Director

2007-2020 **Hudson River Estuary Climate Resilience Program** New Paltz, NY
Coordinator

(New York State Department of Environmental Conservation Hudson River Estuary Program and Cornell University Water Resources Institute)

Led the Climate Resilience Program, managing a team of staff and contractors and a \$500,000 annual budget. Coordinated with the DEC Office of Climate Change, state agencies and key stakeholders on regional and statewide climate adaptation policy. Built and managed municipal network and a portfolio of assistance programs.

The NYS DEC Hudson River Estuary Program is a unique regional partnership designed to restore and conserve the Hudson River. The Program works collaboratively with state, federal, and local partners to carry out the Hudson River Estuary Action Agenda, a stakeholder-driven plan that outlines goals and targets for the conservation of natural resources in the Hudson Estuary watershed.

2002-2006 **Hudson River Estuary Program** New Paltz, NY
Special Project Coordinator

2001-2002 **Tufts University, Department of Urban and Environmental Policy** Medford, MA
Social Marketing Researcher

2001 **City of Somerville, MA**
Municipal Greenhouse Gas Emissions Analyst

2000 **Salem Sound 2000**
Water Quality Program Assistant

1996-1999 **Biological Field Technician (various organizations)**

- Mass Audubon, Nashewena Island, MA
- USGS Field Station, Hawai'i Volcanoes National Park, HI
- USFWS Field Station, Alaska Peninsula National Wildlife Refuge, King Salmon, AK

EDUCATION/AWARDS

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|------|---|---------------|
| 2002 | <p>Tufts University
 <i>Master of Arts, Urban and Environmental Policy and Planning</i></p> <ul style="list-style-type: none"> • Jane Jacobs Community Vision Award | Medford, MA |
| 1996 | <p>Clark University
 <i>Bachelor of Arts, Biology</i></p> <ul style="list-style-type: none"> • Carlson Science Scholarship | Worcester, MA |

VOLUNTEER/CERTIFICATIONS

- Member, Steering Committee, **Climigration Network** (2019-present)
- Chair, Town of Rochester, **New York Environmental Conservation Commission** (2006-2007, 2018-2020)
- Member, Town of Rochester, **New York Planning and Zoning Committee** (2005-2006)
- **Certified AYSO Youth Soccer Coach** (2015-present)
- **PADI Certified Diver**

SELECTED PROJECTS

Hudson Valley Flood Resilience Network. Built collective approach with 15 regional partners to provide tailored assistance to high-risk waterfront communities, distill and promote common messages and leverage partner technical strengths. Innovated technical and funding assistance to create resilience project “pipeline” via tool development, online and video platforms and in-person workshops and events. Leveraged \$22M to help municipalities complete 83 resilience projects over the last 5 years.

Statewide Technical, Regulatory, and Funding Guidance. Coordinated 30+ agency staff across several divisions to develop statewide guidance for permitting and funding programs to implement the NYS Community Risk and Resiliency Act (2014). Founded and co-led Interagency Adaptation Workgroup now implementing adaptation components of the New York State Climate Leadership and Community Protection Act (2019). Co-led research project to develop first-ever state framework for monitoring and evaluation of nature-based and hard structural approaches.

Coastal Risk Management for New York and New Jersey Harbor. Served on project delivery team for \$12M USACE NYNJ Harbor and Tributaries Study (HATS). Initiated and co-led \$300K NOAA-funded research project to evaluate ecological effects of surge barriers in New York/New Jersey Harbor and the Hudson River, which developed first-ever collaborative approach between federal, state and city agencies and stakeholders to inform USACE evaluation of alternatives for coastal storm risk reduction. Evaluated technical content including hydraulic modeling, engineering, economic and environmental assessments for New York State.

Climate Adaptive Design Program. Managed team connecting Cornell landscape architecture students to Hudson riverfront communities for semester-long design projects that inspire

communities and reimagine resilient waterfronts. Developed field-building approaches to resilient waterfront design that engage the public directly in design and inspire municipal leaders to become resilience champions. Managed full design of successful approaches.

New York State Climate Smart Communities Program. Co-created the Climate Smart Communities program (2009), the first state program of its kind in the nation to outline a roadmap for adaptation and resilience. More than 300 New York communities have taken the Climate Smart Pledge and 34 are bronze or silver certified. Our team's technical assistance has led to the highest number of certified communities in the state (41% of certified communities). Led development and multi-agency review of resilience actions outlined in the program

PUBLICATIONS

- Marcell, K., and B. Brooks (2020). Building Community Consensus for Flood Risk Adaptation. *CARDI Research and Policy Brief*. Issue 90, June 2020.
- New York State Department of Environmental Conservation. (draft). Using Natural Resilience Measures to Reduce Risk of Flooding and Erosion in New York State.
- Orton, P., Fernald, S., Marcell, K., Brooks, B., Van Prooijen, B. and Z. Chen. (2019). Surge Barrier Environmental Effects and Empirical Experience Workshop Report.
- Zemaitis, L., Tabak, N., Marcell, K., Brooks, B. and J. Noble. (2018). Working Together to Build Climate Resilience in Hudson Riverfront Communities. In: Leal Filho W. (eds) *Handbook of Climate Change Resilience*. Springer, Cham.
- NYS Sea Level Rise Task Force. (2010). Report to the New York State Legislature.
- Marcell, K and A. DeGaetano. (2007). Climate Change and New York's Future. *The Conservationist*. 62(1):10-13.
- Marcell, K. (Ed.) (2006). Proceedings from Climate Change in New York's Hudson Valley. How Can Local Government and Community Leaders Prepare?, Altamont, NY: Hudson River Environmental Society.
- Marcell, K., Agyeman, J., and A. Rappaport. (2004). Cooling the campus: Experiences from a pilot study to reduce electricity use at Tufts University, USA, using social marketing methods. *International Journal of Sustainability and Higher Education*. 5(2):169–189.