



JEFF KING
Director, Climate, Energy, and Air Programs

RELEVANT EXPERIENCE

Experienced environmental program manager with proven track record managing programs and projects to reduce emissions of air pollutants and greenhouse gases. Managed more than \$50 million in environmental projects. Mentor host for the DC SEU Workforce Development Program. Member of the US DOE Better Buildings Residential Efficiency Network.

PROJECT EXPERIENCE

Climate Pollution Reduction Grant (CPRG) Priority and Comprehensive Climate Action Plans (PCAP/CCAP), District Department of Energy and Environment, U.S. Environmental Protection Agency, Washington, DC/MD/VA/WV MSA. 2023-2024

Project Manager. Manage all staff and contractors to handle all aspects of the CPRG planning process, including steering and technical committees, community engagement, development of strategies and actions, and preparation of the climate action plans. Submitted the PCAP on March 1, 2024.

Climate Energy and Environment Policy Committee (CEEPC), Metropolitan Washington, 2009-2024

Director, Climate, Energy and Air Programs.

Served as Director of staff responsible for managing COG's Climate Energy and Environment Policy Committee (CEEPC) with funding from the Regional Environment Fund (REF). Establish emission reduction goals, develop climate and energy action plans, support program and project implementation regionwide.

Metropolitan Washington Air Quality Committee (MWAQC), Metropolitan Washington, 2009-2024

Director, Climate, Energy and Air Programs.

Served as Director of staff responsible for managing the region's Metropolitan Washington Air Quality Committee (MWAQC). Manage all aspects of the MWAQC policy and technical committees. Develop State Implementation Plans (SIPs) for the DC/MD/VA ozone and fine particulate nonattainment area. Handle daily air quality forecasting and reporting. Issue air quality alerts. Support implementation of local voluntary measures as well as federally enforceable state measures. Track and report on progress on pollutant concentrations and exceedance days. Developing air quality environmental justice plans for the region.

Qualifications Highlights

- 34 years of experience leading climate mitigation programs
- Effective project manager for air, energy, and climate programs

Education

- BS Natural Resources, Cornell University, 1990

Certifications and Trainings

- Certified Public Manager, George Washington University, Center for Excellence in Public Leadership, 2010

Mr. King will serve as the Program Manager for the project. He has more than 34 years of experience leading successful efforts to address environmental pollution.

Diesel Emission Reduction Act (DERA) Projects, U.S. Environmental Protection Agency, Washington, DC, 2010-Present

Project Manager. Manage all aspects of partnerships with eligible equipment owners and competitive procurement process for purchasing emission reduction technologies for installation in equipment, document engine destruction, conduct project reporting. Replaced legacy high-polluting diesel equipment with new clean Tier 4 engines or Diesel Particulate Filters (DPFs) in locomotives, passenger vessels, and construction equipment.

Rooftop Solar Challenge and Solar Market Pathways Grants, U.S. Department of Energy (DOE), Metropolitan Washington, 2013-2017

Subcontractor. Managed team supporting development of a Solar Roadmap for metropolitan Washington to encourage local governments to implement best practices for achieving enhanced solar markets. Helped develop the Statewide Solar Strategy for the Commonwealth of Virginia.

Global Covenant of Mayor's (GCoM) Metro-Scale Climate Leaders, European Commission/GCoM, Metropolitan Washington, 2019-2020

Grant Recipient. With support from the European Commission through the Global Covenant of Mayor's, COG participated in the GCoM Metro-scale Climate Leaders program along with the Kansas City, Chicago, Denver and St. Paul Minnesota metropolitan areas. Developed a GCoM-compliant 2030 climate and energy action plan, including an adopted goal of 50 percent reduction of emissions by 2030.

Consultant Support for Local Climate Mitigation and Resilience Planning and Implementation, COG member governments, Metropolitan Washington, 2017-2024

Partner. Manage a program to provide on-call consulting services to COG member governments to assist in development of local climate and energy action plans and for implementation support. Supported more than eight localities develop and implement climate action and electric vehicle deployment plans.

Military Installation Resilience Review (MIRR), Department of Defense Office of Local Defense Community Cooperation, Washington DC, 2020-2022

Lead Contractor. Managed a Military Installation Resilience Review (MIRR) project for the Washington Navy Yard, Naval Research Laboratory, Joint Base Anacostia Bolling, and Joint Base Myers/Fort McNair.

Ozone Depleting Substance (ODS) and High Global Warming Potential Gas (GWP), U.S. EPA, World Bank, United Nations, European Commission, European Bank for Reconstruction and Development, Washington DC, the Caribbean, Central/South America, Russia. 1990-2004

ICF Consultant. Handled projects in support of the phase out of ozone depleting substances and mitigation of emissions of high-GWP gases. Supported both regulatory and non-regulatory efforts to mitigate emission through adoption of substitutes, as well as recovery, reuse, and destruction.

SELECT PUBLICATIONS AND PRESENTATIONS

Priority Climate Action Plan (PCAP) for the Washington, DC/MD/VA/WV Metropolitan Statistical Area (MSA). Metropolitan Washington Council of Governments (COG), March 2024.

2030 Climate and Energy Action Plan. Metropolitan Washington Council of Governments (COG), COG Climate, Energy and Environment Policy Committee (CEEPC), November 2020.

National Capital Region: Climate Change Report and Recommendations. Metropolitan Washington Council of Governments (COG) for the Climate Change Steering Committee of the COG Board of Directors, November 2008.

State Implementation Plan for the Washington, DC-MD-VA PM2.5 Nonattainment Area, Metropolitan Washington Council of Governments (COG) for Maryland, the District of Columbia, and the Commonwealth of Virginia, April 2008.

State Implementation Plan for the Washington, DC-MD-VA 8-hour Ozone Nonattainment Area, Metropolitan Washington Council of Governments (COG) for Maryland, the District of Columbia, and the Commonwealth of Virginia, May, 2007.

Voluntary Program Guidance: Incorporating Energy Efficiency and Renewable Energy into Air Quality Plans (SIPs). Presented to the Metropolitan Washington Air Quality Committee (MWAQC), 2005.

U.S. Emissions and Reduction Opportunities for High Global Warming Potential Gases. Prepared for the U.S. Environmental Protection Agency. ICF Consulting. 2001.
<http://www.epa.gov/highgwp/projections.html>

Global Mitigation of Non-CO₂ Gases. Prepared for the U.S. Environmental Protection Agency. ICF Consulting. 2006. <http://www.epa.gov/nonco2/econ-inv/international.html>

Baseline CO₂ Study for Buryatia Energy, Ulan Ude, Russia. Prepared for European Bank for Reconstruction and Development (EBRD) and Linden Consulting, London, UK. ICF Consulting. 2001.

Regulatory Impact Analysis (RIA) of EPA's Proposed Requirements for Leak Detection and Repair, and Recovery and Recycling of Refrigerant Gases from Commercial and Industrial Building Chillers. Prepared for the U.S. EPA. ICF Consulting. 1998.

Global Supply and Demand of Ozone Depleting Substances. Prepared for the European Commission. ICF Consulting. 2001.

AWARDS

Albert Einstein Award, 1986

White House Climate Action Champion, 2014-2016

EMPLOYMENT HISTORY

Metropolitan Washington Council of Governments, Principal Planner, Director, 2004-2024

ICF Consulting. Senior Associate, Project Manager, Consultant. 1990-2004

Cornell University, Agricultural Engineering Soil and Water Laboratory, 1986-1988



CLARK MERCER
Executive Director
Metropolitan Washington Council of Governments

RELEVANT EXPERIENCE

Dynamic leader with a proven track record of navigating complex policy landscapes and delivering impactful results. Extensive experience in executive leadership roles and demonstrated expertise in strategic planning, budget management, and fostering diverse and inclusive teams. Proven leadership skills in advancing clean energy initiatives, economic development, and innovative solutions to address societal challenges in the metropolitan Washington region.

ROLE EXPERIENCE

**Metropolitan Washington Council of Governments (COG),
Washington, DC, 01/2023–Present**

Executive Director. As the acting director at COG, Mr. Mercer manages a staff of 130 and a budget exceeding \$50M. Responsibilities include active collaboration with 300 elected officials from 24 local governments, state legislatures, and Congress to advance transit, public safety, affordable housing, clean energy, and environmental initiatives.

Office of the Governor, Commonwealth of Virginia, 2017–2022

Chief of Staff. Mr. Mercer previously Coordinated the development and implementation of the \$145B+ biennial state budget as Chief of Staff for the Office of the Governor, Commonwealth of Virginia. He successfully managed diverse teams, facilitated economic development projects, and played a pivotal role in passing the Virginia Clean Economy Act and securing investments in clean energy and transportation infrastructure.

**Office of the Lieutenant Governor, Commonwealth of Virginia,
2013–2017**

Chief of Staff. As Chief of Staff for the Office of the Lieutenant Governor, Mr. Mercer managed all staff and day-to-day operations, overseeing policy development, communications, social media, office budgeting, and legislative outreach. He also played a pivotal role in preparing the Lieutenant Governor to lead key initiatives such as chairing the Governor's Mental Health Task Force and spearheading early childhood education through the Children's Cabinet. Additionally, he served as the Lieutenant Governor's representative on critical state entities including the Virginia Economic Development Partnership, Virginia Tourism Authority, and the Fort Monroe Authority.

Qualifications Highlights

- Over a decade of experience in executive leadership roles overseeing strategic planning, budget management, and team development.
- Proven track record of delivering impactful results in clean energy initiatives, economic development, and complex policy landscapes spanning more than 15 years.

Education

- MPP, George Washington University, 2005
- BA, Yale University, 2002

*Acting Executive
Director with a
background in taking
on instrumental policy
issues and producing
results through building
out and supporting
talented and diverse
teams.*



PROJECT EXPERIENCE

Virginia Clean Economy Act, Commonwealth of Virginia, 2020

Chief of Staff. Played a leading role in working with the legislature to pass the Virginia Clean Economy Act, which puts Virginia on a path to be carbon neutral by 2050. Served as the Administration's point person for offshore wind efforts, which resulted in the largest offshore wind farm now being built off Hampton Roads, and Siemens Gamesa. This work included coordinating with several other states, including Washington D.C. and Maryland, and Virginia hosting a marquee international wind conference.

Economic Development and Infrastructure Initiatives, Commonwealth of Virginia, 2017–2022

Chief of Staff. Successfully led transformative economic development and infrastructure initiatives that significantly impacted the region. Notably, he spearheaded a monumental rail funding and metro funding project, approving a nearly \$4 billion deal with Virginia and CSX. This initiative is set to upgrade rail infrastructure across the state and eastern seaboard, including the construction of a new Long Bridge across the Potomac River. Collaboration with state legislators, Congressional representatives, and counterparts in Washington D.C. and Maryland was instrumental in securing crucial funding for essential transportation projects, ensuring enhanced connectivity and economic growth for the region.

PROFESSIONAL AFFILIATIONS

Habitat for Humanity. Board Member. 2022-Present

Sports Backers. Board member. 2022-Present

Ashland Theatre Foundation, President, 2014-Present

EMPLOYMENT HISTORY

Metropolitan Washington Council of Governments, Executive Director, 2023-Present

Fall Line Consulting, President, 2022-Present

Office of the Governor, Commonwealth of Virginia, Chief of Staff, 2017-2022

Office of the Lieutenant Governor, Commonwealth of Virginia, Chief of Staff, 2013-2017

Democratic Party of Virginia, Political Director, 2012-2013

Commission on Wartime Contracting, Professional Staff & Congressional Outreach, 2009-2011

Mark Warner for United States Senate, Research and Policy Deputy Director, 2007-2009

LMI Government Consulting, Research Fellow, 2005-2007



KANATHUR SRIKANTH
Deputy Executive Director
Regional Planning

RELEVANT EXPERIENCE

Accomplished environmental program manager adept at overseeing initiatives and projects aimed at mitigating air pollutants and greenhouse gas emissions, with a demonstrated ability to develop innovative solutions and foster stakeholder engagement for impactful environmental outcomes.

ROLE EXPERIENCE

**Metropolitan Washington Council of Governments (COG),
Washington, DC, 2014–Present**

Deputy Executive Director for Regional Planning. Mr. Srikanth has played a pivotal role at Metropolitan Washington Council of Governments (MWCOG) as the Deputy Executive Director for Regional Planning since 2019 acting as an instrumental leader in managing multi-sectoral and multi-modal regional planning efforts, integrating transportation engineering, land use, air quality, and climate change planning to achieve strategic policy outcomes.

Key contributions include:

- Leading the development and implementation of the National Capital Region's Long-Range Transportation Plans from 2014 to 2022, focusing on multi-modal transportation solutions and sustainability.
- Steering the creation of the Bicycle and Pedestrian Plan for the National Capitol Region in 2022, promoting active transportation and reducing carbon emissions.
- Assisting in the creation of the Climate Change Mitigation Report in 2021, outlining strategies to reduce greenhouse gas emissions and enhance resilience to climate impacts.

**Metropolitan Washington Council of Governments (COG),
Washington, DC, 2014–2019**

Director of Transportation Planning Department. As the previous Director of the Transportation planning Department at COG; his responsibilities included aspects of land use (planning and zoning) assumptions, and regional demographic trends and forecasting. His work activities were also informed by and coordinated with regional State Implementation Plans to comply with National Ambient Air Quality Standards for criteria pollutants (enunciated by the US EPA) and Climate Change

Qualifications Highlights

- Over 30 years of experience in transportation engineering, land use, air quality, and climate change planning.
- Comprehensive expertise in regional strategic planning, public administration, and policy implementation.

Education

- MS, Transportation Engineering, University of Maryland, 1992
- BS, Civil Engineering, Bangalore University, 1985

*Acting Deputy
Executive Director for
Regional Planning with
extensive technical
and management
expertise in multi-
sectoral and multi-
modal planning
programs.*

mitigation and adaption activities. Mr. Srikanth played a pivotal role in:

- Orchestrating the Regional Freight Plan in 2016 to optimize freight movement while minimizing environmental impact.
- Coordinating with federal, state, and local agencies to ensure alignment with State Implementation Plans for air quality and climate standards, fostering a collaborative approach to environmental stewardship in the region.

SELECTED PUBLICATIONS

Long Range Transportation Plans, National Capital Region Transportation Planning Board, 2014 – 2022.

Bicycle and Pedestrian Plan for the National Capital Region, National Capital Region Transportation Planning Board, 2022.

Climate Change Mitigation Report, National Capital Region Transportation Planning Board, 2021.

Long Range Plan Task Force Report, National Capital Region Transportation Planning Board, 2017.

Regional Freight Plan, National Capital Region Transportation Planning Board, 2016.

EMPLOYMENT HISTORY

Metropolitan Washington Council of Governments, Executive Director, 2019-Present

Metropolitan Washington Council of Governments, Director of Transportation Planning Department, 2014-2019

Virginia Department of Transportation, Director of Transportation Planning, 2011-2014

Virginia Department of Transportation, Regional Transportation and Air Quality Planning Liaison, 2005-2011

Virginia Department of Transportation, Transportation Engineer, 1994-2005

JHK AND ASSOCIATES, Transportation Engineer, 1990-1994



MAIA A. DAVIS
Senior Environmental Planner
Climate, Energy, and Air Programs

RELEVANT EXPERIENCE

Experienced environmental program manager with proven track record managing programs and projects to address emissions of greenhouse gases, climate resilience, sustainability, and water supply.

PROJECT EXPERIENCE

Climate Pollution Reduction Grant (CPRG) Priority and Comprehensive Climate Action Plans (PCAP/CCAP), District Department of Energy and Environment, U.S. Environmental Protection Agency, Washington, DC/MD/VA/WV MSA. 2023-2024

Project Coordinator. Lead developer of Metropolitan Washington Council of Governments' (COG) grant application to the District Department of Energy and Environment to secure management of the MSA CPRG plans. Development of procurement documents to secure contractor's support for PCAP. Project advisor. Submitted the PCAP on March 1, 2024.

Climate Energy and Environment Policy Committee (CEEPC), Metropolitan Washington, 2010-2024

Climate Planning Lead. Lead staff for COG Climate Energy and Environment Policy Committee (CEEPC) establishing, tracking, and implementing emission reduction goals and climate and energy action plans. Lead the development of more than 100 greenhouse gas inventories. Secured, managed, and provided technical support on more than \$1.8 million grants and technical assistance for climate mitigation and resilience planning, clean energy infrastructure feasibility assessments, electric vehicle planning, training local officials, and more. Provided management support on more than \$2 million in contracts for local climate, energy, and sustainability planning and implementation for ten local jurisdictions.

Global Covenant of Mayors (GCoM) U.S. Metro Scale Climate Leader, Metropolitan Washington, 2019-2021

Project Manager. Led the application for Metropolitan Washington to be designated as a U.S. Metro Scale Climate Leader by GCoM in 2019. Coordinated with GCoM to advance metro-scale climate planning in the U.S. Develop the Metropolitan Washington 2030 Climate and Energy Plan that

Qualifications Highlights

- 19 years of experience leading climate mitigation, resilience, sustainability, and water programs
- Effective project manager for climate, energy, air, and water programs

Education

- MS City and Regional Planning, Georgia Institute of Technology, 2006
- BS University of Maryland, Eastern Shore (UMES), 2003

Certifications and Trainings

- Environmental Planning and Geographical Information Systems (GIS), Georgia Institute of Technology, 2006

Ms. Davis will serve as program support for the project. She has more than 19-years of experience leading successful efforts to address environmental pollution.

was designated as fully compliant with the global standards of best practices for climate planning in 2021.

Environmental Justice Toolkit, Metropolitan Washington, 2016-2017

Project Manager. Led staff for the Air and Climate Public Advisory Committee (ACPAC) that established equity and environmental justice as a priority. Coordinated with ACPAC and engaged with environmental justice advocates and experts from across the region to guide the development of an Environmental Justice Toolkit and educate local and state officials. The Toolkit provides guidance to policymakers on incorporating social equity, cultural sensitivity, and community health considerations into air quality, climate, and energy planning.

White House Climate Action Champion, Metropolitan Washington, 2014-2016

Project Manager. Led the application for Metropolitan Washington to be designated as a White House Climate Action Champion. This designation made COG and its members eligible for enhanced technical assistance and grant funding that supported the region's work in electric vehicle and infrastructure deployment and clean energy feasibility assessments that included district energy, combined heat and power, geothermal, and solar. This work directly contributed to the Falls Church schools campus development of a net zero energy high school.

Green Communities Program, Atlanta Regional Commission, 2007-2010

Program Manager. Developed and managed one of the first regional green local government certification programs in the country. Provided policy and implementation support that resulted in comprehensive implementation of sustainability practices and certification of nine local governments in the first year of the program.

Regional Water Supply and Conservation Management Plan, Atlanta Regional Commission, 2005-2010

Program Manager. Managed development and implementation of the Regional Water Supply and Conservation Management Plan. Data analytics and monitoring informed dam releases, water restrictions, infrastructure needs, and water conservation programs. Developed, managed, and supported implementation of conservation initiatives that conserved more than 2 million gallons of water per day.

SELECT PUBLICATIONS AND PRESENTATIONS

Priority Climate Action Plan (PCAP) for the Washington, DC/MD/VA/WV Metropolitan Statistical Area (MSA). Metropolitan Washington Council of Governments, March 2024.

<https://www.mwcog.org/documents/2024/03/01/priority-climate-action-plan/>

Community-Wide Greenhouse Gas Emissions Inventory Summaries, Metropolitan Washington Council of Governments, December 2022.

<https://www.mwcog.org/documents/2022/12/27/community-wide-greenhouse-gas-emissions-inventory-summaries-featured-publications-greenhouse-gas/>

Greenhouse Gas Emissions Inventories Methodology Guide, Metropolitan Washington Council of Governments, December 2022. <https://www.mwcog.org/documents/2022/12/09/greenhouse-gas-emissions-inventories-methodology-guide-climate-energy-greenhouse-gas/>

2030 Climate and Energy Action Plan. Metropolitan Washington Council of Governments, Climate, Energy and Environment Policy Committee (CEEPC), November 2020.

<https://www.mwcog.org/documents/2020/11/18/metropolitan-washington-2030-climate-and-energy-action-plan/>

Regional Climate and Energy Action Plans and Resource Guide, Metropolitan Washington Council of Governments, Climate, Energy and Environment Policy Committee (CEEPC). 2013-2020.

<https://www.mwcog.org/documents/2017/03/23/regional-climate-and-energy-action-plans-2010---2020-climate-energy-climate-change-energy/>

Environmental Justice Toolkit, Metropolitan Washington Council of Governments (COG), COG Air and Climate Advisory Committee (ACPAC). July 2017.

<https://www.mwcog.org/documents/2017/07/27/environmental-justice-toolkit/>

Climate Action Champions Solar Case Study, Metropolitan Washington Council of Governments. March 2016. <https://www.mwcog.org/documents/2016/3/2/climate-action-champion-solar-case-study/>

Annual Regional Climate and Energy Progress Reports, Metropolitan Washington Council of Governments. 2010-2015. <https://www.mwcog.org/documents/2015/12/01/annual-climate-and-energy-progress-report-climate-energy-climate-change-energy/>

Gold Book: State & Local Government Initiatives to Clean the Air, Metropolitan Washington Council of Governments. October 2014. <https://www.mwcog.org/documents/2014/10/02/gold-book-state-and-local-government-initiatives-to-clean-the-air-air-quality/>

Summary of Potential Climate Change Impacts, Vulnerabilities, and Adaptation Strategies in the Metropolitan Washington Region, Metropolitan Washington Council of Governments. July 2013. <https://www.mwcog.org/documents/2013/07/01/summary-of-potential-climate-change-impacts-vulnerabilities-and-adaptation-strategies-climate-change/>

Electric Vehicles in Metropolitan Washington; Understanding the Region's Current EV Readiness and Options for Expanding Their Use, Metropolitan Washington Council of Governments. October 2012. <https://www.mwcog.org/documents/2012/10/17/electric-vehicles-in-metropolitan-washington-clean-fuel-vehicles-electric-vehicles/>

Green Communities Program Manual and Outreach Materials, Atlanta Regional Commission. 2008 – 2010. <https://atlantaregional.org/natural-resources/sustainability/green-communities-program/>

Water Supply & Water Conservation Management Plan, Metropolitan North Georgia Water Planning District. 2009. <https://northgeorgiawater.org/>

AWARDS

Global Covenant of Mayors U.S. Metro-Scale Climate Leader, 2019

White House Climate Action Champion for Metropolitan Washington Region, 2014

Georgia Planning Association Outstanding Initiative Award for ARC Green Communities Program, 2009

All-American Collegiate Scholar's List, 2003, 2004

National Dean's List, 2002, 2003, 2004

UMES Honors Cum Laude Graduate, 2003

UMES Honors Convocation Honoree, 2002, 2003

NCAA Student-Athlete Academic Award, 2002, 2003

EMPLOYMENT HISTORY

Metropolitan Washington Council of Governments, Senior Environmental Planner, 2010-2024

Atlanta Regional Commission, Principal Environmental Planner, 2005-2010

National Aeronautics Space Administration (NASA), Research Assistant, 2003



LEAH BOGGS
Senior Environmental Planner
Climate and Energy Team

RELEVANT EXPERIENCE

Skilled Senior Environmental Planner with more than two decades of experience leading energy planning initiatives, including building efficiency and alternative fuel vehicles. Experience managing public input for regional climate and air quality planning and developing tools to promote environmental justice and sustainability in the region.

Qualifications Highlights

- Over 20 years of experience in regional environmental planning initiatives.
- Demonstrated success leading energy planning efforts and managing public input on regional climate and air quality planning.

Education

- MS, Nutrition and Integrative Health, Maryland University of Integrative Health, 2019
- BS, Architectural Engineering, North Carolina A&T State University, 1994

*Seasoned
Environmental Planner
with vast experience
leading regional
energy, environmental
justice, and planning
initiatives.*

ROLE EXPERIENCE

**Metropolitan Washington Council of Governments (COG),
Washington, DC, 1999–Present**

Senior Environmental Planner. As a Senior Environmental Planner, Ms. Boggs actively leads energy planning efforts, manages public input for regional climate and air quality planning, oversees the development of equity focused resources, and supports regional electric vehicle deployment planning. She has a proven track-record of collaborating with government agencies and community stakeholders to promote clean energy, integrate environmental justice projects, and advance sustainability initiatives throughout the region.

Ms. Boggs has played a pivotal role in shaping energy planning initiatives and advocating for environmental justice initiatives. Through managing public input and advisory processes for regional climate and air quality planning, Ms. Boggs is currently leading the update of the 2017 Environmental Justice Toolkit, which helps address equity concerns in environmental decision-making. Her technical expertise extends to regional electric vehicle deployment planning, where she provides valuable insights to support COG's efforts in promoting cleaner transportation options. Ongoing contributions have facilitated the development of regional policies, strategies, and actions aimed at improving energy productivity and reducing greenhouse gas emissions.

PROJECT EXPERIENCE

**Built Environment and Energy Advisory Committee (BEEAC),
Metropolitan Washington, 2011-Present**

Lead Staff. As the energy planning lead for BEEAC – a technical advisory committee to the Climate, Energy and Environment Policy Committee (CEEPC) – Ms. Boggs supports integral capacity building for COG member governments through

facilitating trainings, educational sessions, and series planning focused on the transition to clean energy, building decarbonization, and energy and climate justice.

Air and Climate Public Advisory Committee (ACPAC), Metropolitan Washington Council of Governments, Washington, DC, 2020–Present

Lead Staff. Lead planner to promote and support committee initiatives, including the annual Climate and Energy Awards Program and Environmental Justice Toolkit. Responsibilities include facilitating engagement efforts, recruiting new members, and organizing bi-monthly committee calls. This involvement contributes to ACPAC's mission of advising on air quality, climate, and energy issues to policy committees of the Metropolitan Washington Council of Governments (COG), ensuring meaningful input from diverse community interests and opinions.

Building Codes Training, 2013 - 2021

Program Manager. Managed regional participation in the International Code Council's Public Comment Hearing voting processes on the 2015, 2018, and 2021 International Energy Conservation Codes. Partnered with the Energy Efficient Codes Coalition to develop training sessions for designated Governmental Member Voting Representatives for government staff in the region.

Fleets for the Future, U.S. Department of Energy Awarded Project, 2016-2018

Program Manager. Managed all aspects of the Metropolitan Washington-Baltimore Region's efforts to develop cooperative procurement contract opportunities for local and state governments and schools interested in purchasing clean fuel vehicles and infrastructure installment in their fleets.

Metropolitan Washington Alternative Fuels Clean Cities Partnership and Electric Vehicle Task Force, 2000-2015

Support and Lead Staff. Managed the nationally recognized U.S. Department of Energy's Clean Cities Coalition for the metropolitan Washington region which advanced the region's interests and deployment of clean fuel vehicles and supporting infrastructure including compressed natural gas, propane, ethanol, biodiesel and electric vehicles. As the lead program staff of the Electric Vehicle Task Force, staff was responsible for supporting EV-readiness in the region by providing a reliable framework for multi-stakeholder engagement and the development of new strategies to increase electric vehicle deployment.

SELECTED PUBLICATIONS

Electric Vehicles in Metropolitan Washington; Understanding the Region's Current EV Readiness and Options for Expanding Their Use, 2012

EMPLOYMENT HISTORY

Metropolitan Washington Council of Governments, Senior Environmental Planner, 1999-Present



ERIN MORROW
Transportation Engineer
Department of Transportation Planning

RELEVANT EXPERIENCE

Experienced and results-oriented Transportation Engineer with a robust background in conducting detailed technical analyses and implementing effective climate mitigation strategies within the transportation sector. Demonstrated leadership and management skills in overseeing complex studies and initiatives that have made a significant impact on the metropolitan Washington Region's transportation landscape.

ROLE EXPERIENCE

**Metropolitan Washington Council of Governments (COG),
Washington, DC, 2014–Present**

Transportation Engineer. As a Transportation Engineer at COG, Ms. Morrow contributes vast analysis on the Model Application Group to Travel Forecasting and Emissions Analysis Team. Ongoing responsibilities include staying current on planning assumptions related to transportation and climate change mitigation and assessing potential greenhouse gas emissions impacts of proposed national, state, and local initiatives.

AECOM, Dallas, TX, 2001-2006

Consultant. Responsibilities centered around the preparation of travel demand forecasts for FTA New Starts projects including transit network coding, model calibration and validation, model development (specifically the incorporation of fringe parking within an existing mode choice model), and preparation of New Starts templates and user benefit maps.

PROJECT EXPERIENCE

Regional Electric Vehicle Infrastructure Implementation (REVI) Strategy, Metropolitan Washington Council of Governments (COG), Washington, DC, 2022-2023

Played a crucial role in facilitating the development of the Regional Electric Vehicle Infrastructure Implementation (REVI) Strategy, which supports state and local governments in prioritizing locations for EV infrastructure deployment. The strategy included key deliverables such as electric vehicle projections for various scenarios, GIS mapping for local jurisdiction staff, public-facing GIS mapping linked to COG's EV Clearinghouse, and a comprehensive report outlining the regional EV deployment implementation strategy with county-level insights on projections, areas of interest, challenges, opportunities, and equity considerations.

Qualifications Highlights

- 15 years of experience in climate change mitigation in the transportation sector
- Led technical analysis for key regional transportation studies

Education

- Regional Executive Development Program, George Washington University, 2015
- MS, Civil Engineering, University of Maryland, 2015
- BS, Mechanical Engineering, Carnegie Mellon University, 2000

Skilled Transportation Engineer with proven success in executing regional studies and performing technical analysis to produce climate mitigation solutions within the on-road transportation sector.

SELECTED PUBLICATIONS

Visualize 2045: A Long-Range Transportation Plan for the National Capital Region. 2022

TPB Climate Change Mitigation Study of 2021: Phase 1 Report: Greenhouse Gas Emissions Reductions Strategies: Findings from Past Studies. 2021.

Greenhouse Gas Emissions Inventories: Methodology Guide. 2019.

Morrow, E.M., J. Park, E. Randall, D. Sivasailam, and D.H. Son. Linking Transportation and Land Use Goals Through Scenario Planning: Case Study of the Metropolitan Washington Region. In Transportation Research Record No. 2397, Transportation Research Board of the National Academies, Washington, D.C., 2014, pp. 22-29.

Bansal, M., and E. Morrow. Meeting Transportation Goals to Reduce Greenhouse Gases in the National Capital Region: “What Would it Take?” Scenario. In Transportation Research Record No. 2252, Transportation Research Board of the National Academies, Washington, D.C., 2012, pp. 135-143.

EMPLOYMENT HISTORY

Metropolitan Washington Council of Governments, Senior Transportation Manager, 2006-Present

AECOM, Consultant, 2001-2006



Robert Christopher
Environmental Planner
Climate and Energy Team

RELEVANT EXPERIENCE

Skilled environmental planner with expertise in tracking regional greenhouse gas emissions inventories, analyzing emission trends, and leading sustainable transportation deployment efforts. Supports various committees and subcommittees focused on climate, energy, and environmental policy development and advocacy.

ROLE EXPERIENCE

**Metropolitan Washington Council of Governments (COG),
Washington, DC, 2022–Present**

Environmental Planner. Actively contributes to developing and maintaining COG's greenhouse gas emissions inventories and analyzing emission trends to produce fact sheets for jurisdictions in the region. Serves as the electric vehicle (EV) deployment lead, supporting COG member local governments in their efforts to integrate EVs within their operations and communities. Supports the Climate, Energy, and Environment Policy Committee (CEEPC) Legislative Subcommittee, tracking and analyzing local and regional legislation, and develops advocacy materials to promote sustainable practices.

PROJECT EXPERIENCE

Regional Electric-Vehicle Deployment (REVD) Working Group, Metropolitan Washington, 2023–Present

Lead Staff. Planning lead for REVD – a forum for members to collaborate and coordinate actions necessary for electric-vehicle (EV) adoption. Collaborates and coordinates actions to deploy EVs and EV infrastructure, focusing on information sharing, policy development, model partnership agreements, incentive programs, and identifying regional grant opportunities, contributing significantly to the advancement of sustainable transportation solutions across the region.

SELECTED PUBLICATIONS

Community-Wide Greenhouse Gas Emissions Inventory Summaries, 2022

EMPLOYMENT HISTORY

Metropolitan Washington Council of Governments, Environmental Planner, 2022–Present



ALISSA BOGGS

Environmental Planner

Climate, Energy and Air Team

RELEVANT EXPERIENCE

Demonstrated proficiency in qualitative and quantitative sustainability tasks, adeptly tackling challenges with analytical precision and strategic competence.

PROJECT EXPERIENCE

Climate Pollution Reduction Grant (CPRG) Priority and Comprehensive Climate Action Plans (PCAP/CCAP), District Department of Energy and Environment, U.S. Environmental Protection Agency, Washington, DC/MD/VA/WV MSA. 2023-Present

Plan Coordinator. Assist managing staff and contractors to handle all aspects of the CPRG planning process, including steering and technical committees, stakeholder engagement, development of strategies and actions, and preparation of the climate action plans. Submitted the PCAP on March 1, 2024.

Local Climate Planning and Implementation Support for Prince George's County, Charles County, Loudoun County, and the City of Laurel, 07/2023-Present

Grant Manager. COG provides technical and planning services to its member jurisdictions through Memorandum of Understanding (MOUs) with individual cities and counties. COG provides access to on-call expert consultant teams. Projects involve climate, energy, and sustainability plan development and support for programmatic implementation work. Handle technical analysis and grants management coordination for the project teams.

Annual Utility Data Collection and Analysis, Metropolitan Washington, 03/2023-Present

Lead Technical Analyst. Handle the annual natural gas and electricity consumption data request under an agreement with the nine utilities that serve the region. Analyze and identify trends in data and provide summary reports to local jurisdictions. Track deployment of renewable energy systems region-wide. Track deployment of EV charging stations. Handle updates to the regional climate and energy dashboard.

SELECT PUBLICATIONS AND PRESENTATIONS

Priority Climate Action Plan (PCAP) for the Washington, DC/MD/VA/WV Metropolitan Statistical Area (MSA). Metropolitan Washington Council of Governments (MWCOC), March 2024.

Qualifications Highlights

- Accomplished technical staff supporting climate and energy projects
- Strong grant, contracting, and planning coordination skills

Education

- MS Sustainability Management, American University, 2023
- BS Industrial Engineering, North Carolina State University, 2021

Certifications and Trainings

- LEED GA, 2023

Ms. Boggs will provide grant coordination and technical services to support program implementation.



Local Jurisdiction Electric Vehicle (EV) Ready Checklist. Metropolitan Washington Council of Governments (MWCOG), July 2023.

EMPLOYMENT HISTORY

Metropolitan Washington Council of Governments. Environmental Planner. 2023–Present
Network Building + Consulting. Design Engineer. 2021–2022
Amazon. Area Manager Intern. 2020-2020