

Contact

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Top Skills

Environmental Policy

Energy Policy

Renewable Energy

Publications

Time to Modernize Aging Power Plants and Environmental Laws

Expand regulatory pathways and fund research and development for next-generation zero-emissions aviation technologies

The Clean Power Plan is Final: Time to Find the Candles?

Aviation Build Back Better Leadership Coalition

Choosing a Policy Pathway for State 111(d) Plans to Meet State Objectives

Jennifer Macedonia

Associate Deputy Assistant Administrator at US Environmental Protection Agency (EPA)

Washington DC-Baltimore Area

Summary

Jennifer Macedonia is a climate and energy leader with 25 years of experience in environmental policy and expertise in clean energy and market-based instruments to spur technological innovation and drive ambitious environmental progress.

Experience

US Environmental Protection Agency (EPA)

2 years 5 months

Associate Deputy Assistant Administrator for Implementation, Office of Air and Radiation

September 2022 - Present (1 year 2 months)

Deputy Associate Administrator for Policy

June 2021 - September 2022 (1 year 4 months)

Washington, District of Columbia, United States

JLM Environmental Consulting

Principal Consultant

September 2017 - May 2021 (3 years 9 months)

Washington D.C. Metro Area

Advise clients on strategies and policies for the power, transportation, and industrial sectors. Provide analyses of regulatory initiatives and climate policy. Guide strategic planning and business development.

- o Draft climate action blueprint for 2021 EPA
- o Support legislative engagement on carbon pricing
- o Advise clients on aligning environmental justice imperatives with climate policy
- o Collaborate on analytic tools for states and stakeholders to model the electricity sector and project the economic and emissions impacts of environmental policies.

o Evaluate accountability and environmental integrity associated with regulatory programs, such as the International Civil Aviation Organization's Carbon Offsetting and Reduction Scheme for International Aviation (CORSA)

University of Chicago, Johns Hopkins University, St. Mary's College of Maryland

Guest Lecturer

April 2020 - April 2021 (1 year 1 month)

Chicago, Illinois; Washington, DC

Guest lecture for:

- Dr. Sandor's Law and the Economics of Natural Resources Markets at University of Chicago Law School
- Dr. Bugnion's Climate Finance at Johns Hopkins University Advanced Academic Programs
- Dr. Hill's Policy Evaluation at St. Mary's College of Maryland

The Climate 21 Project

Lead Author

October 2019 - January 2021 (1 year 4 months)

Co-author of the Climate 21 Project Transition Memo for the Environmental Protection Agency. The Climate 21 Project taps the expertise of more than 150 experts with high-level government experience, including nine former cabinet appointees, to deliver actionable advice for a rapid-start, whole-of-government climate response coordinated by the White House and accountable to the President.

The memos contain the Climate 21 Project's recommendations for 11 White House offices, federal departments, and federal agencies, as well as cross-cutting recommendations on personnel and hiring.

Importantly, the Climate 21 Project is not offering a policy agenda. Rather, the memos contain recommendations that can help the President hit the ground running and build the capacity of his administration to tackle the climate crisis quickly with the existing tools at hand.

USEPA

Senior Advisor

January 2017 - August 2017 (8 months)

Washington D.C. Metro Area

Plan initiatives on climate finance; decarbonization pathways; and the electrification of transportation. Advise on strategic planning and budget for climate protection partnership programs. Represent EPA on the State and Local Energy Efficiency (SEE) Action Network's Financing Solutions Working Group and contributed to the 2017 report: Energy Efficiency Financing for Low- and Moderate-Income Households: Current State of the Market, Issues, and Opportunities

Bipartisan Policy Center

Senior Advisor/Fellow

2009 - January 2017 (8 years)

Washington D.C. Metro Area

Cultivate and guide energy projects with vision and expertise on climate policy, energy legislation, power sector market dynamics, legal authorities, and clean energy technologies. Shape power sector analyses to assess impacts of market trends and environmental regulations.

- Foster bipartisan support for energy efficiency and multi-state cooperation while guiding Clean Power Plan policy & analytic discussions for mid-continent states.
- Spearhead project to build diverse, multi-stakeholder consensus that pending air, water, and waste environmental regulations would not compromise electric reliability.
- Direct analytical team, model environmental policy scenarios, and present key insights to diverse stakeholders, state and federal officials, and media.
- Negotiate transportation recommendations with diverse members of the Strategic Energy Policy Initiative, including leaders of industry, academia, and environmental advocacy.
- Analyze carbon pricing policies and refine legislative proposals.
- Media appearances: NPR, PRI, Politico, Bloomberg, Reuters, Scientific American, The Economist
- Moderate and present at numerous public and private events for a range of audiences.
- Spearhead widely-attended multi-year workshop series to advance the dialogue and environmental protection: "GHG Regulation of Existing Power Plants" and "Environmental Regulation and Electric System Reliability".

JLM Environmental Consulting

Principal Consultant

2003 - January 2017 (14 years)

Washington D.C. Metro Area

Advise clients on strategies, trends, and policies for power, transportation, and industrial sectors. Provide strategic guidance and analyses of regulatory initiatives and climate policy.

- o Advise states on clean energy policy, implementation, costs, and stakeholder outreach
- o Author numerous reports, such as on: policies to decarbonize transportation and carbon pricing
- o Serve on board of U.S. DOE SunShot Initiative to advance solar innovation
- o Advise U.S. EPA on impacts and interactions of energy and clean air legislation
- o Guide organizations in strategic planning and business development
- o Execute partnership with defense firm to assess biofuel land use impacts with satellite imaging

US Environmental Protection Agency (EPA)

8 years

Senior Environmental Engineer, Clean Air Markets Division
1998 - 2002 (4 years)

Advise senior administration officials on market-based environmental policy, high-level bilateral discussions, international negotiations, and position/ interests of foreign governments. Advance EPA positions and environmental accountability in interagency negotiations. Serve as trading expert on U.S. delegation to international climate negotiations and compose rules to govern market-based mechanisms for UNFCCC submission by U.S. and foreign partners. Lead registry prototype which evolved into tracking systems for multiple governments. Guide training and technical advisory programs for foreign governments interested in emissions trading. Direct development of comprehensive manual: "Tools of the Trade: A Guide to Designing and Operating a Cap and Trade Program for Pollution Control".

Environmental Engineer, Acid Rain Division
1994 - 1998 (4 years)

Lead rulemakings, policy team, and stakeholder workgroups to implement high quality emissions measurement, reporting, and verification for the landmark Acid Rain SO₂ Emissions Trading program.

Engineering and Science Services Inc.
Program Engineer
1992 - 1994 (2 years)

Develop technical documentation and briefings on NASA satellite missions, including WIND and POLAR. These spacecraft carry a complement of instruments and investigations for the Global Geospace Science Program - the U.S. contribution to the International Solar-Terrestrial Physics (ISTP) Science Initiative.

Education

Villanova University

Bachelor of Science (BS), Mechanical Engineering · (1988 - 1992)

Phillips Media Relations

Media Training for Spokespersons · (2016)

U.S. Department of Agriculture

Negotiation, Mediation, and Conflict Resolution · (1998)

U.S. Department of Agriculture

Russian Language Immersion · (1999)

U.S. Department of Agriculture

Environmental Technology · (1996)