

Dr. Paul F Wagner  
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**Deputy Associate Director for Ecosystems**

**U.S. Geological Survey**

**Reston, VA**

**09/2018 - Present**

Shared the full responsibility with the Associate Director (AD) for Ecosystems for the development, management, and coordination of program activities and accomplishments in the Ecosystems Mission Area and ensured scientific efforts were fully coordinated internally and externally. Supervised and managed scientific, technical and support staff directly and through subordinate supervisors. Oversaw the development of program descriptions and status reports for use by Congress, Office of Management and Budget, the General Accounting Office, and high-level U.S. Geological Survey (USGS) and Department of the Interior (DOI) management and gave briefings as required to USGS, DOI and other senior managers and officials. Coordinated and integrated activities in the mission area with other programs across USGS and with federal and state governments. Fostered the development of collaborative scientific programs and educational initiatives and assessed the need for policy and procedural changes to improve the effectiveness and responsiveness of efforts with other federal and state agencies involved in mission area.

**Supervisory Ecologist**

**U.S. Army Corps of Engineers Institute for Water Resources**

**Alexandria, VA**

**08/2008 - 09/2018**

Supervisory Ecologist with two broad areas of formal responsibility: 1) supervisor of water resources subject matter experts and support staff within a division of IWR's matrix-managed support to Civil Works policy, planning, and program analysis and 2) technical and policy subject matter expert on a variety of issues related to the USACE Civil Works mission.

**The White House Leadership Development Program (GSA/OMB)**

**Washington DC, DC 20006 United States**

**10/2017 – 19/2018**

Served as the Department of Defense appointee to the White House Leadership Development Program (WHLDP). Detail supported the Office of Management and Budget through an assignment to the General Services Administration advancing Cross-Agency Priority (CAP) goals for “Developing a Workforce for the 21st Century” and “Modernizing Infrastructure Permitting.”

**Deputy Associate Director for Climate Preparedness and Resilience**

**The White House Council on Environmental Quality**

**Washington, DC**

**12/2013 - 11/2014**

Provided climate change policy analysis and advice to the Executive Office of the President; served as a subject matter expert on ecological effects of climate change and led work

conducted to advance President Obama's Climate Action Plan.

**Ecologist**

**U.S. Environmental Protection Agency - ORD/NCEA**

**Durham, NC**

**02/2007 - 08/2008**

Served as Research Ecologist and science and policy analyst at the National Center for Environmental Assessment. Responsible for supervising coordinating and conducting Integrated Science Assessments (ISAs) used in support of setting National Ambient Air Quality Standards (NAAQS) for protecting environmental welfare (species, habitats, ecosystems, and ecosystem services). Developed partnerships with state, federal, academic, and non-governmental organizations in support of programmatic work. Participated in strategic planning and program development.

**Ecologist**

**U.S. Environmental Protection Agency - ORD/NERL**

**Durham, NC**

**10/2003 - 02/2007**

**Ecologist**

Worked for EPA's Office of Research and Development as a Landscape Ecologist for the Regional Vulnerability Assessment (ReVA) program analyzing the vulnerability of ecological resources and the stressors threatening them. Developed and analyzed land use/landcover change scenarios. Helped build multi-disciplinary partnerships (composed of federal, state, regional, and nongovernmental members) for national and regional landscape-scale assessments.

**Private Consultant**

**09/2001 - 10/2003**

Private consultant specializing in bioassessments, faunal surveys, ecological planning, and habitat evaluations. Designed and conducted studies for assessing impacts of land-use on aquatic and terrestrial ecosystems from coal mining and municipal projects. Developed habitat management and improvement plans and conducted faunal assessments including status assessments for rare and endangered species. Surveyed macroinvertebrates, fishes, and small mammals.

**Aquatic Ecologist**

**The Nature Conservancy**

**01/2000 - 08/2001**

**Aquatic Ecologist**

Served as the Senior Aquatic Ecologist for The Nature Conservancy's South-central division. Responsible for ecoregional planning, collaborations with federal and academic partners, transboundary program support, science and policy analysis, and strategic planning. Developed new science programs and secured funding for science applications. Developed internal and external ad hoc conservation teams and oversaw work products.

**Education:**

**Virginia Tech**

Blacksburg, VA United States Doctorate 08/2001

**Major:** Biology

**The University of North Texas**

Denton, TX United States Master's Degree 12/1995

**Major:** Biology

**The University of North Texas**

Denton, TX United States Bachelor's Degree 06/1992

**Major:** Biology **Minor:** Chemistry

**Courses taught:**

- Center for Leadership in Global Sustainability – Virginia Tech
  - NR 5584 - Climate Adaptation
  
- Other courses taught
  - Leadership Decision-making
  - Planning for Climate Change
  - Climate Change for Executive Leaders
  - Climate Change Vulnerability Assessment
  - Scenario Analysis for Climate Change
  - Climate Communication
  - Fundamentals of Ecology
  - Animal Ecology
  - Coastal Ecology
  - Freshwater Ecology