

Alice Gilliland, Ph.D., Deputy Director, in EPA's Center for Environmental Measurement & Modeling

[Center for Environmental Measurement and Modeling](#)

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Dr. Alice Gilliland is currently serving as the Deputy Director of Center for Environmental Measurement & Modeling (CEMM) in the U.S. EPA's Office of Research and Development (ORD).

Dr. Gilliland entered government service over 20 years ago with the National Oceanic and Atmospheric Administration, joining EPA in 2009. Prior to her current role as Deputy Director, Dr. Gilliland has served in numerous ORD leadership roles – Acting Director of EPA's National Risk Management Research Laboratory (NRMRL), NRMRL's Deputy Director for Management, Division Director, Assistant Laboratory Director for Water, and Branch Chief. In these roles, she has served as a senior leader in environmental research areas spanning from air quality modeling to watershed management to Superfund contaminated site technical support.

A highlight of Dr. Gilliland's career was the establishment of the Community Multi-scale Air Quality (CMAQ) model evaluation program, which has had a long history of accomplishments and successes. She also led the ORD green infrastructure (GI) and stormwater management program, where she worked across the Agency and with States to establish partnerships with community local governments and provide technical support on incorporating GI in their stormwater management compliance requirements. Dr. Gilliland's collaborations across federal Agencies including the Centers for Disease Control, National Aeronautics and Space Administration, National Oceanic and Atmospheric Administration, and Department of Energy have also contributed to substantial advancement of our understanding of air quality impacts on public health and interactions with climate change.

Dr. Gilliland earned a B.S. in Applied Biology (Ecology) and a Ph.D. in Earth and Atmospheric Sciences from the Georgia Institute of Technology.