Stephanie C. Bolyard, PhD, CPM
Senior Engineer to the Deputy Secretary for Environment
North Carolina Department of Environmental Quality
Raleigh, NC

Join date: 2008

Section/Chapter: South Atlantic States Section; Research Triangle Park Chapter

Education and Professional Credentials:
Ph.D., Environmental Engineering – University of Central Florida
M.S., Environmental Engineering – University of Central Florida
B.S., Chemistry – University of Florida
Certified Public Manager (CPM) – State of North Carolina

Biographical Summary:
Dr. Stephanie C. Bolyard serves as Senior Engineer to the Deputy Secretary for Environment at the North Carolina Department of Environmental Quality (NCDEQ), where she leads cross-divisional initiatives on PFAS multimedia efforts and rulemaking, climate resilience, landfill gas management, and sustainable materials management. With more than 16 years of experience in environmental engineering, she has worked at the intersection of government, academia, and industry to advance science-based, practical solutions to complex environmental challenges.

Her research and professional expertise span analytical chemistry, solid waste management, wastewater treatment, and the study of emerging contaminants such as PFAS and nanomaterials. She has authored numerous peer-reviewed publications, technical reports, and conference presentations, helping to translate research into actionable policies and best practices.

Prior to her role at NCDEQ, Dr. Bolyard served as a Research Engineer with the North Carolina Department of Transportation and as Research and Scholarship Program Manager for the Environmental Research & Education Foundation, where she managed a national portfolio of research grants and fostered collaboration among regulators, academics, and industry professionals. She holds a Ph.D. and M.S. in Environmental Engineering from the University of Central Florida and a B.S. in Chemistry from the University of Florida and is a Certified Public Manager.

An active leader in her field, Dr. Bolyard is an Associate Editor of the Journal of the Air & Waste Management Association, serves on the A&WMA Board of Directors, and has chaired both the RTP Chapter and the South Atlantic States Section. Her leadership and contributions have been recognized nationally with the 2022 A&WMA Outstanding Young Professional Award, the 2022 American Academy of Environmental Engineers and Scientists 40 Under 40 honor, and the 2021 Waste360 40 Under 40 award.

A&WMA Activities and Offices Held:
- Board of Directors Member, 2023–Present

- Associate Editor, *Journal of the Air & Waste Management Association*, 2019–Present (Interim Editor, 2022)
- South Atlantic States Section (SASS) Director**,** 2021–2023
- Chair**,** RTP Chapter, 2022; Vice-Chair & Programs Chair, 2021
- Program Coordinator**,** 2021 A&WMA Information Exchange
- Student Program Vice-Chair, A&WMA Annual Conference & Exhibition, 2010–2011
- Florida Section Leadership – Chair, 2012–2013; Vice-Chair, 2011–2012; Secretary, 2010–2011
- Conference Organizer & Session Chair – multiple ACE sessions and specialty conferences (2010–Present), including PFAS, solid waste, and sustainability tracks
- Presenter/Panelist – more than 25 technical presentations at ACE, Information Exchange, and specialty meetings (2008–Present)
- Awards/Recognition – A&WMA Master's Thesis Award (2012), Richard Stessel Memorial Scholarship (2012–2013), Technical Council YP Outstanding Paper Award (2021), YP Paper Award Runner-Up (2021), Florida Section YP of the Year (2012)
- Chapter and Student Engagement – Organizer for student competitions, mentoring, and YP development initiatives

Goals/Vision for the Organization:
A&WMA stands at the intersection of science, engineering, and policy during a time when global environmental challenges demand more collaborative and interdisciplinary solutions. My vision is to continue to position A&WMA as the leading technical and policy convener for professionals addressing the most pressing air and waste issues (particularly climate resilience, PFAS, landfill methane, and circularity). I will champion maintaining programming and partnerships while strategically expanding in areas that center solid waste and materials management within our core identity, while also integrating a broader sustainability lens.

As President-Elect, I would advocate for growth in three areas:

1. Elevating Waste and Sustainability – Strengthen technical content and research dissemination across climate, waste, and sustainability tracks; increase visibility of solid waste topics in ACE and journal content.
2. Strengthening External Collaboration – Foster strategic relationships with AEESP, AAEES, WEF, ITRC, and SWANA to bridge research, policy, and practice.
3. Growing the Next Generation – Expand student and YP engagement through mentoring and policy-centered learning experiences.

This vision builds on my 16+ years of experience leading environmental programs at the state, nonprofit, and academic levels, and my deep commitment to A&WMA's mission.