

# AMY A. COSTELLO

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## Qualification Summary

A passionate sustainability leader with substantial knowledge and diverse experience in sustainability and compliance. Amy is a licensed professional engineer with over 15 years of experience in manufacturing, operations, and transportation. She excels in communicating complex technical information to a general audience and cultivating environmental, social, and governance (ESG) awareness and engagement throughout organizations. She combines skills in project management with in-depth knowledge of environmental engineering to identify, develop and drive strategic and tactical initiatives across business units.

## Current Employment

2021 –Present **Product Stewardship & Sustainability Manager** – [Armstrong World Industries](#), Lancaster, PA

- Identifies and evaluates opportunities to reduce and mitigate environmental impacts
- Develops strategies and executes tactics to achieve timebound emissions reduction targets
- Influences the market direction through participation in codes, standards, and non-governmental organizations
- Educates colleagues and customers through presentations and publications
- Contributes to standard development including ASTM Sustainability and ASHRAE Decarbonization Committees
- Conducts life cycle assessments to better understand and reduce environmental product impacts

### Accomplishments

- Streamlined and documented the Chemical Review Process to eliminate duplication
- Completed life cycle assessments for 10 products and prepared associated Environmental Product Declarations

## Past Employment

2012 –2021 **Sustainability Manager** – [Armstrong Flooring](#), Lancaster, PA

- Developed and executed sustainability strategy and associated strategic objectives, key initiatives, and communication plan
- Provided quarterly updates to the board of directors on timebound sustainability goals
- Collaborated across functional units to develop, drive, monitor, and coordinate sustainability initiatives
- Integrated sustainability into business units by influencing and encouraging changes in business practices
- Monitored external sustainability changes and develop responses and strategies to leverage or mitigate risks

### Accomplishments

- Developed Armstrong Flooring's first third-party assured SASB and GRI-compliant report
- Integrated sustainability into policies, product, procurement, and operations
- Developed Environmental Product Declarations, white papers, and other tools to support sales

2007 –2012 **Senior Research Scientist** – [Armstrong World Industries](#), Lancaster, PA

- Monitored, reviewed, and developed responses to proposed global sustainability codes, standards, and regulations
- Actively participated in the development of global codes and standards related to sustainability and acoustics
- Provided sustainability, Indoor Environmental Quality (IEQ), and acoustics business support to global marketing and sales
- Developed and delivered sustainability, Indoor Environmental Quality (IEQ), and acoustics presentations
- Conducted product life cycle assessments (LCA) and managed air emissions testing program

### Accomplishments:

- Completed life cycle assessment and environmental product declarations for all key products.
- Established a system to evaluate the business value of codes and standards efforts.

**2001–2007 Air, Noise and Energy Manager ( 2005-2007) / Air Quality Program Manager (2001-2005)**  
**Virginia Department of Transportation, Richmond, VA**

- Managed a team of engineers and scientists who administered air quality, noise and energy programs.
- Oversaw staff, program budgets, performance management and managed the execution of engineering projects.
- Provided state-wide technical support to localities, planning district commissions, & other stakeholders.
- Planned, promoted, and organized training related to product technology and regulatory compliance.
- Conduct air quality and noise emissions modelling ,and analysis of emission control strategies.
- Presented technical information and recommendations to management and state legislature on environmental regulations.

**Accomplishments:**

- Provided cost analysis of in-house versus outsourcing for Air Quality Program. Implemented in-house plan at a cost savings of \$2.5 million and brought process knowledge back in-house.
- Developed standard operating procedures for air quality to standardize processes and increase effectiveness.

**Past Employment Continued**

**1992–2000 Environmental Engineer – Virginia Department of Transportation, Richmond, VA**

*Project / Program Management and Regulatory Compliance*

- Managed environmental permitting programs and consultant projects to ensure compliance with laws and regulations.
- Provided statewide technical support regarding environmental permitting and natural resource issues.
- Supervised professionals in the preparation and review of environmental permits.
- Planned, organized, and provided training related to water quality permitting and regulatory compliance.
- Reviewed and developed positions on proposed legislation, regulations, and laws.

**Accomplishment:**

- Developed statewide environmental permitting manual and associated environmental policies and procedures

**Academic Credentials**

- 1996 –1999 **Master of Science in Biology – Virginia Commonwealth University, Richmond, VA**
- 1988-1992 **Bachelor of Science in Biology – Randolph Macon Woman’s College, Lynchburg, VA**

**Professional Certifications**

- Licensed Professional Engineer, (Virginia License#: 0402043429)
- Associates Certificate in Project Management, George Washington University, 2004
- Leadership in Energy and Environmental Design (LEED®) Accredited Professional, 2007
- Life Cycle Assessment Certified Professional, Certified by ACLCA, 2008
- WELL Accredited Professional, Certified by the IWBI, 2019

**Significant Industry Leadership Roles**

- 2022 - Present** Chair, ASTM E60 Sustainability Committee
- 2020 - Present** Member, International Well Building Institute, Material Advisory Committee
- 2012 - 2023** Chair, ASTM Sustainable Manufacturing Committee (E60.13)
- 2013 - 2019** Chair, United States Green Building Council Indoor Environmental Quality Technical Advisory Group
- 2016 - 2019** Member, USGBC Board of Director’s Advisory Committee
- 2012 - 2014** Member, Sustainability Accounting Standards Board (SASB) Industry Working Group
- 2014 - 2016** Appointed member, General Services Administration (GSA) Green Building Advisory Committee
- 2015 - 2016** Board of Directors, United States Green Building Council
- 2013 –2015** Board of Directors, ASTM International

**Select Speaking Engagements**

- 2021 – REBuild**, Cincinnati, invited keynote speaker, Strengthening Resilience
- 2021 - NeoCon**, Carbon Revealed
- 2019 – NeoCon**, Chicago, Designing with Carbon in Mind
- 2018 – GreenBuild**, Chicago, EPDs: The Good, the Bad and the Useful; The Impact of LEED: Past, Present and Future
- 2017 - GreenBiz ’17**, Phoenix, Circular Economy Workshop