

Name:

Alex Eisen-Cuadra, Ph.D.

Title:

CEO and Founder

Company:

ACHIEVE ENVIRONMENTAL

City/State:

Boston, Massachusetts

Join Date:

2020

Section/Chapter:

New England Section

Education/Professional Credentials:

Ph.D. in Chemistry, with specializations in Environmental Chemistry and Green Chemistry.

Biographical Summary:

Alex Eisen-Cuadra, Ph.D., is the CEO and Founder of ACHIEVE ENVIRONMENTAL. He oversees all project execution and ensures appropriate management controls for personnel at all levels of responsibility. Under his leadership, ACHIEVE ENVIRONMENTAL provides environmental consulting and digital solutions to clients throughout the United States, helping them secure permits, ensure accurate reporting, and maintain long-term regulatory compliance.

Alex's areas of expertise include air quality compliance, modeling, monitoring, and permitting (such as AERMOD and regulations under the CAA, NESHAPs, NSPS, NSR, PSD, Title V, and more); climate change and sustainability (including carbon trading systems, ESG reporting, GHGRP, and compliance under numerous state acts like the Climate Commitment Act, Climate Leadership and Community Protection Act, and others); digital services and implementation (including custom software development, coding for automation, compliance tracking systems, data analytics, and digital transformation initiatives); environmental compliance (comprising broad experience with federal statutes such as CERCLA, EPCRA, RCRA, and TSCA, and related monitoring, recordkeeping, and reporting requirements); environmental justice (including community air quality monitoring programs, community and stakeholder engagement, and cumulative impact analysis); instrumental analysis (including proficiency in a wide range of analytical methods and instruments, such as continuous monitoring systems, LDAR, mass spectrometry (GC-MS, ICP-MS, IRMS), SEM, spectroscopy (FTIR, gamma-ray, ICP-OES, NMR, UV-Vis) and stack

testing conducted in accordance with EPA-approved methods); litigation support (covering consent decrees, environmental inspections and reviews, and NOV support); plan development and implementation (such as AQMP, BMP, FMP, PPC Plan, RMP, SPCC Plan, and SWPPP) across a variety of regulations; and water quality permitting and compliance (including CWA, NPDES, stormwater, and wastewater).

Alex holds a Ph.D. in Chemistry with specializations in Environmental Chemistry and Green Chemistry and was a full-tenured Professor and Department Chair prior to his environmental consulting career. He currently serves as Chair of the A&WMA New England Section and is on the Environmental Business Council Air Quality Working Group Leadership Team.

A&WMA Activities and Offices Held:

Chair, A&WMA New England Section — current

Vice Chair, A&WMA New England Section — former

Active participation in A&WMA technical programming, webinars, and professional development activities

Regular use of A&WMA technical resources, including EM Magazine, EM Plus, the Journal of the Air & Waste Management Association, and the Association's New Source Review Manual

Leadership in regional programming and member engagement through the New England Section

Goals/Vision for the Organization:

I envision A&WMA as the premier professional home for people working at the intersection of air quality, waste management, climate, public health, environmental policy, and emerging environmental technologies. The Association has a unique ability to bring together professionals from industry, government, consulting, academia, and research to exchange technically rigorous ideas, interpret an evolving regulatory landscape, and develop practical solutions to environmental challenges.

I would support timely and accessible technical programming, stronger connections among Sections, Chapters, Technical Councils, and the international organization, and expanded opportunities for students and emerging professionals to participate, develop professionally, and assume leadership roles. I also believe A&WMA can continue increasing the value of its technical resources by thoughtfully using digital platforms, data analytics, artificial intelligence, and other emerging technologies while maintaining the scientific rigor and professional credibility that distinguish the Association.

My goal would be to help A&WMA respond to changes in regulation, science, technology, and professional practice in ways that create tangible value for members. This includes

strengthening member engagement, supporting mentorship and professional development, facilitating productive cross-sector dialogue, and ensuring that the Association remains relevant and valuable to both established environmental professionals and the next generation entering the field.