

# Lunch &

# Learn

A Bimonthly seminar series from the Department of Civil and Environmental Engineering (CEE), focusing on convergent research, bringing together Northeastern colleagues and collaborators to think big/bold, explore ideas that build cooperation and foster transformative innovation within CEE and across disciplines beyond CEE.



**Paul Miller**

Executive Director,  
Northeast States for  
Coordinated Air Use  
Management

## **Navigating Regulatory Authority Under the Federal Clean Air Act as Air Pollution Science Evolves**

The Northeast States for Coordinated Air Use Management (NESCAUM) is a unique non-profit organization made up of eight northeastern state air quality agencies formed in 1967 to support regional air quality planning efforts. Much of NESCAUM's work over the years has been to leverage actions under the federal Clean Air Act in support of state and national clean air progress. This is particularly challenging when the evolving science outpaces clear regulatory authority, or runs counter to political and judicial trends. Examples discussed will include the setting of national ambient air quality standards for ozone and particulate matter, regulating mercury as an air toxic, and addressing climate change.

Dr. Paul J. Miller is Executive Director of the Northeast States for Coordinated Air Use Management (NESCAUM) in Boston, Massachusetts where he provides technical and policy coordination among the air quality agencies of eight northeastern states. Dr. Miller returned to NESCAUM in January 2006 after previously being with NESCAUM from 1995-1999 as Senior Science and Policy Advisor. He contributes to multi-state efforts on climate, clean transportation, long-range air pollution transport, regional haze, mercury, and other air issues.

Since 2020, Dr. Miller has also been serving as Executive Director of the Ozone Transport Commission, a regional organization comprised of 12 northeastern and mid-Atlantic states along with the District of Columbia that was created by Congress in the 1990 Clean Air Act Amendments to address the regional nature of ground-level ozone pollution.

From 1999-2005, Dr. Miller was the Air Quality Program Coordinator with the Commission for Environmental Cooperation (CEC) in Montreal, Quebec. The CEC is a tri-national intergovernmental agency created by Canada, Mexico and the United States to promote environmental cooperation. While at the CEC, he led the development of the first comprehensive look at air pollution from large fossil fuel power plants in North America, covering emissions of sulfur dioxide, nitrogen oxides, mercury, and carbon dioxide at the individual plant level.

Dr. Miller has a B.S. in Chemistry from Purdue, a Ph.D. in chemical physics from Yale, and a law degree from Stanford.

**Monday**

**November 7,**

**2022**

**12pm–1pm**

**Churchill 103**