Unpaid Internship Position

Position Number: 20
Position Title: Climate Analytics - EEA
Location: 100 Cambridge Street, Boston - Hybrid
Duration: June 2 – August 15, 2025

Brief Description of Internship Position:

This internship will support the Climate Analytics team in developing and validating a statewide building stock model (BSM.) The BSM will include every building in the state with relevant building characteristics either directly drawn from, or inferred from, available data sources. Building characteristics will include those relevant to building usage, energy performance (e.g., heating type, energy efficiency), socio-demographics (i.e., household income or size of business), neighborhood characteristics (e.g., EJ designation), census geographies (e.g., census block group), political geographies (i.e., municipality), and utility networks (e.g., electric substation). The major focus of this internship will be to assist in accessing and analyzing detailed building data to use in the BSM. The intern will also have the opportunity to participate in conversations regarding various modeling projects within state agencies.

Description of Duties and Responsibilities:

- Explore novel data sources such as permit data
- Collect and format new data sources
- Integrate new data into the building sector model database
- Research commercial and industrial building stock data sources.

Preferred Knowledge and Skills:

Python or R, Microsoft Excel, data analytical tools such as PowerBI or Tableau

Hours per week: 20 - 30