

Boston University Postdoctoral Research Scientist Studying Urban Climate

Location: Boston University, Department of Earth & Environment, Boston, MA

Open Date: ASAP

Deadline: Until Filled

Description

The Hutyra Lab at Boston University is seeking a **Post-Doctoral Research Scientist** to start ASAP on projects analyzing patterns and controls on urban climate and working towards the development of models for mitigating excess heat. The post-doc is expected to contribute to the development and implementation of methods to model urban air temperatures, humidity, and evaluate their sensitivity to changes in urban tree cover and albedo. Candidates will be expected to contribute to collaborative projects, engaging with other faculty (particularly with collaborators in Public Health), students, and collaborators outside the university. Candidates will have the opportunity for conference travel and to build their research experience in ways that support their career goals. The Hutyra lab is actively engaged in urban climate modeling and carbon cycle science, including fieldwork, numerical modeling, and the analysis of field and remotely sensed data.

The salary is commensurate with experience. Applicants must have a PhD by Summer 2025 in atmospheric science, environmental science, statistics, data science, engineering, or related field.

Qualifications

- Expertise in quantitative data analysis and modeling, particularly using R, Python, QGIS, and/or GEE.
- Domain expertise in urban climates.
- Expertise using remote sensing data products, include thermal and optical remote sensing.
- Strong geospatial and GIS skill.
- Strong written and oral communication skills.
- Strong collaborative and organizational skills.

Application Instructions

To apply, please submit the following materials:

- Cover letter describing your interest in the position, your career objectives, and relevant expertise and background
- CV
- Names and contact information for 3 references.

Applications will be reviewed on a rolling basis. Please contact Professor Hutyra (lrhutyra @ bu.edu) with any questions regarding the positions.

Boston University is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, natural or protective hairstyle, religion, sex, age, national origin, physical or mental disability, sexual orientation, gender identity, genetic information, military service, pregnancy or pregnancy-related condition, or because of marital, parental, or veteran status.