Research Assistant

Leeds, UK

Faculty of Arts, Environment & Technology
Leeds Sustainability Institute
Postdoctoral Research Assistant (in Building Energy Data Statistics and Analysis)
Grade 4 (£24,298 – £28,143)
12 month temporary – extension subject to securing future funding

The Leeds Sustainability Institute has a wide and innovative research portfolio working with major public sector and industry partners. This is an opportunity to contribute to exciting and industry leading projects working alongside the existing team. The work will involve analysing building energy performance data using statistical techniques and software packages. The role will focus on strengthening the statistical assessment methodologies used by the LSI to prove robust analysis on data collection from building performance evaluation experiments and via computer modelling. The successful application will collaborate on a number of research projects involving data acquisition and statistical analysis. You will be working within the LSI alongside a team of researchers.

Key competencies:

- Awarded (or in the final stages of obtaining) a PhD (or equivalent experience) in mathematics, statistics, computer programming, data analytics, physics or an energy related discipline.
- An understanding of quantitative and qualitative research methods.
- Experience in using statistical software packages (e.g. Matlab, R, SPSS etc.).

Desired attributes (preferred but not all essential):

- A track record of publication.

Job responsibilities include:

- Design, and conduct statistical analysis on data generated by research team.
- Establish data analysis protocols and advise on data collection techniques to support future analysis.
- Provide critical appraisal of existing data analysis practices.
- Communicate project progress and author reports in collaboration with the team.
- Contribute towards grant applications.

We welcome applications from all individuals and particularly from black and minority ethnic candidates as members of these groups are currently under-represented at this level of post. All appointments will be based on merit.

https://www.statsjobs.com/job/research-assistant/