Schoodic Institute at Acadia National Park
PO Box 277
Winter Harbor, ME 04693

Position Description: Research Associate/Data Analyst (temporary, **20 hours/week**)
Dates: December 2021 - May 2022 (potential for extension dependent upon funding)
Reports to: Peter Nelson, with additional supervision from Schoodic Institute science staff on individual projects.

About Schoodic Institute:
Schoodic Institute at Acadia National Park is a 501(c)3 non-profit organization. Schoodic Institute is advancing understanding of environmental change, developing conservation solutions, and engaging people in scientific discoveries. The Institute's goal is to be a national leader for research and education that fosters environmental stewardship and bright futures for parks and people. From its Acadia National Park campus in coastal Maine, the Institute engages scientists, educators, students, and the public in addressing complex challenges of a rapidly changing environment. We focus on forest, bird, and marine ecosystems, global change, citizen science, and science communication. Our year-round campus includes classrooms, laboratories, and meeting spaces surrounded by wild, rugged shorelines and thousands of acres of evergreen forest. Campus infrastructure enables us to convene and host public events, and provides an inspirational setting for education and art programs, workshops, and conferences.

Primary Responsibilities:
The Research Associate/Data Analyst will work on data analysis, synthesis, summaries, and reporting on a wide variety of projects including forest sampling, intertidal research, bird surveys, historical data, and biodiversity data. The associate will create a library of workflows and data analysis scripts and visualizations that can be modified by Schoodic staff in the future for other datasets.

The Research Associate will work on data collected by professional scientists, citizen scientists--both bespoke projects and citizen science platform data (e.g. iNaturalist, eBird, Nature's Notebook), as well as historical datasets that are in electronic format

Location:
This position can be primarily remote with occasional visits (2 per month) to the Schoodic Institute campus or nearby locations to meet with staff.

Duties:
- Use R and other languages as necessary for data analysis, synthesis, summaries, and reporting
- Work with Schoodic staff to establish a clear process to modify the system of data analysis and visualization routines in future for other purposes
- Work closely as a part of small team of scientists and developers with tools such as Git, Slack or Dischord and cloud file storage and computing (eg. Google Drive, AWS)
- Communicate with Schoodic Science staff about each project; needs to understand development of visualizations
- Contribute to the science communications of Schoodic Institute through written and visual media

Qualifications and Job Requirements:

- Undergraduate degree in applicable science field
- Proficiency coding in R and other computer languages for data analysis
- Proficiency with MS Office Suite (e.g., Excel, Word) and Google Sheets.
- Ability to follow written and verbal instructions.
- High level of attention to detail and accuracy.
- Ability to work independently and as part of a team.
- Strong work ethic and enthusiasm.
- Must have permanent authorization for US employment

Preferred Education, Experience, Knowledge, Skills:

- Master's Degrees in Science (MSc)
- Familiarity with spatial data types a plus (ArcGIS, ENVI, GDAL)
- Interest and skills (but not necessarily deep experience with) developing a wider range of data visualization tools, such as Leaflet

Compensation:

This part-time, temporary position will have an hourly rate of $20.00 per hour.

To apply:

Send cover letter and resume to search@schoodicinstitute.org.
Subject line: Research Associate/Data Analyst

Schoodic Institute is an Equal Opportunity Employer.

COVID-19 statement:

The job duties may be adjusted to accommodate COVID-19-specific safe working practices.

Application Deadline: December 1, 2021