



Job Title and Description: Data Analyst

FLSA Status: Full-Time, Year-Round, Non-Exempt (Benefits Eligible)

Supervisor(s) (external): Kate Miller, PhD, Quantitative Ecologist with the National Park Service-Northeast Temperate Network Inventory and Monitoring Division, *additionally, Schoodic Institute staff may provide guidance and oversight on a project-by-project basis for collaborative ad-hoc assignments*

Work Location: This role is based in Winter Harbor, ME. While on-site presence is preferred, we are open to discussing hybrid or remote work schedules. This position is not eligible for relocation reimbursement.

Vacancies: 1 position

Duration: 2-year position starting in February 2026.

Job Announcement Opening Dates: December 17, 2025 to January 9, 2026.

Primary Role:

This position will work closely with the National Park Service (NPS) Inventory and Monitoring Division (IMD), which conducts baseline inventories and long-term monitoring to help inform park management decisions. While decades of data have been collected by IMD throughout the NPS, the full value of these data can only be realized when they are easily accessible and actionable for field managers, planners, and decision makers.

The objectives of this position are to improve access to IMD data, primarily for Midwest Region parks, through developing user-friendly, accessible platforms and tailored analyses. Deliverables include trend analyses, automated reports, and data visualization dashboards that improve accessibility, data quality, interpretation, integration, and application of IMD datasets, and that are in support of conservation science, resource management, and public communication. Deliverables will be accessible to NPS managers, along with park stakeholders and the public, where feasible.

The ideal candidate will be a collaborative professional with strong communication skills and the ability to work independently. Please note that employment is contingent upon a federal background check and favorable adjudication. We aim to have this role filled by **February 2026**.

Responsibilities and Duties:

- Conducts trend analyses of vegetation, wildlife, and/or water quality or quantity data and helps interpret results to technical and non-technical audiences.
- Performs power analyses or sensitivity analyses of IMD data to contribute to scientific reviews of protocols, including recommending protocol refinements, reductions, and additions that help meet protocol objectives and balance capacity limitations.
- Develops user-friendly R packages and/or automated R Markdown or Quarto reports for specific monitoring protocols that help an intermediate-level R user (e.g., protocol lead) efficiently compile, query, QA/QC, and summarize IMD data.
- Designs data visualization dashboards that are 508 compliant and allow non-technical users to access, download, and explore IMD data.
- Troubleshoots and/or updates MS Access databases used for data entry and storage by IMD monitoring protocols.

- Provides training to IMD staff and partners and writes up documentation on how to use and update the analytical tools developed by the position.

Qualifications and Job Requirements:

- Minimum of a B.S. in relevant fields, such as ecology, biology, statistics, or computer science. Completion of M.S. and/or PhD in relevant fields is ideal.
- Experience working with large complex ecological datasets, such as experience using mixed modelling and non-linear approaches to analyze long-term datasets. Experience working in a Bayesian framework is helpful but not required.
- Advanced programming skills in R, with experience in additional programming languages like SQL, HTML/CSS, and/or JavaScript ideal.
 - Skills include experience with functional programming and iteration, building R packages, developing automated reports in R Markdown or Quarto, and/or developing R shiny apps.
 - Experience using Git and GitHub or similar platforms for code sharing and version control is ideal.
 - Experience with data wrangling, such as reshaping and joining data tables, and Quality Assurance/Quality Control data checking.
- Experience working with relational databases, especially Microsoft Access.
- Experience with project management, including setting project goals and deadlines, tracking progress, coordinating meetings with partners, and seeking additional funding.
- Demonstrated experience writing technical reports, publishing journal articles, and communicating results to technical and non-technical audiences.
- Background in conservation and experience translating results into management relevant information is strongly preferred.

Employment Details and Compensation:

Schoodic Institute offers a generous employee compensation package for this full-time, year-round, non-exempt (benefits eligible) position based on the Schoodic Institute campus at Acadia National Park in Winter Harbor, Maine.

Compensation & Work Schedule:

- **Salary Range:** \$60,000 – \$85,000
 - Compensation is commensurate with education and experience, aligned with the **Federal General Schedule (GS)** standards as defined by the U.S. Office of Personnel Management.
- **Structure:** Hourly (40 hours per week).
- **Benefits include:**
 - Health Insurance: Choose from three different health plans
 - Retirement: Participate in a 408P Simple plan, with a company match of up to 3%
 - Vacation Accrual: accrual rate of 120 hours per year
 - Paid Time Off (PTO): Earn 96 hours of PTO annually
 - Paid Holidays: Enjoy 11 paid holidays throughout the calendar year
 - Life Insurance/ADD (employer-paid)
 - Cell phone stipend
 - Professional development opportunities may be available and will be coordinated with your supervisor
- **Resources:** A government-furnished computer is provided.

- **Travel & Equipment:** Dedicated budget is available for professional travel to engage with parks and partners, as well as for necessary equipment purchases.

To apply, [visit the online application portal here.](#)

Applicants should be prepared to provide the following materials for consideration: a resume/CV, cover letter, unofficial transcript, and contact information for three professional references. We value your privacy and will notify you before any references are contacted.

Application deadline: January 9, 2025.

About Schoodic Institute: Established in 2004, [Schoodic Institute](#) at Acadia National Park is a 501(c)(3) nonprofit organization and Acadia National Park's primary partner in science and education. Based in Winter Harbor, Maine, on Wabanaki homeland, Schoodic Institute is the largest of 17 National Park Service Research Learning Centers found in the United States. Our mission is inspiring science, learning, and community for a changing world. Schoodic Institute's focus is understanding environmental change taking place in Acadia and beyond, and helping land managers respond and adapt to change.

Open year round, our 100-acre campus hosts groups of up to 150 people, and offers classrooms, lab space, overnight accommodations, dining, meeting space, and a 124-seat auditorium where we bring people together for immersive educational and professional development opportunities.

Schoodic Institute at Acadia National Park is committed to increasing diversity in environmental science, education, conservation and hospitality. We are highly collaborative, inclusive, and committed to a team environment that is safe and free from bullying, harassment, and discrimination. Team members are encouraged to share ideas, enthusiasm, and knowledge with each other. Schoodic Institute is an Equal Opportunity Employer.