INTERNSHIP OPPORTUNITY ANNOUNCEMENT
River Access Assessment/GIS Intern

BACKGROUND

The New York-New Jersey Harbor Estuary Program (HEP), in partnership with the USDA Forest Service, is seeking an intern to assist with the completion of a GIS-based waterfront Public Access Assessment, for the core urban waters of the New York/New Jersey Harbor estuary. HEP was established in 1987 to protect the natural resources of the harbor, through restoration, community stewardship, and education activities. The USDA Forest Service co-manages the New York City Urban Field Station with the NYC Parks and Recreation Department, where the focus is on improving quality of life in urban areas by conducting and supporting research about socio-ecological systems and natural resource management.

The intern will contribute to the GIS-based Public Access Assessment of the Hudson and Raritan River watersheds through GIS analysis and by managing a web-based stewardship group survey of stewardship groups that protect and restore the river and/or provide river access to the general public. The intern position is paid ($17/hour) and will begin immediately, continuing through Spring 2015, for 10-15 hours per week.

Skills gained through this experience include: spatial analysis/GIS, survey implementation, and multi-criteria decision analysis.

MAJOR RESPONSIBILITIES

- Compiling GIS layers from multiple sources.
- Assisting with identification of assessment measures and performing GIS calculations.
- Managing web survey emails and responses.
- Conducting follow-up phone calls to enhance response rate.
- Contributing to an assessment report.

QUALIFICATIONS AND REQUIREMENTS

- A bachelor’s degree in natural resources management, planning, geography, or a similar field is preferred.
- A minimum of third-year undergraduate status is required.
- Strong interpersonal and organizational skills.

PREFERRED SKILLS

- Working knowledge of ArcGIS, including ModelBuilder.
- Experience with managing EXCEL data files.

TO APPLY

To apply, please submit an application (cover letter, resume, and references) to Dr. Michelle Johnson, US Forest Service at: Michellejohnson@fs.fed.us. Position open until filled.