

Position announcement: Coastal Processes Specialist

Education Requirements: A minimum of a Master's Degree or equivalent from an accredited College or University in a field appropriate to understanding coastal processes and their intersection with landforms and development at the shoreline.

Experience Requirements: Candidates for the position of Coastal Processes Specialist should have a minimum of two years of related work experience.

Candidates should be able to demonstrate the following from their past experience and/or education:

- An in-depth understanding of: sediment and hydraulic processes at the coast; inlet processes and management, including sand bypassing; coastal landforms and their relationship to coastal processes and their evolution.
- Knowledge of climate change; flood mitigation; monitoring and data evaluation for coastal hazards.
- Understanding of traditional and alternative shoreline protection treatments, and their effects on coastal processes and natural habitats.
- Skills and knowledge to assist communities and state agencies in addressing coastal process and shore protection issues as affected by development along the coast of New York in order to achieve a more resilient condition.
- Well-organized, clear, concise writing ability for both technical and non-technical audiences.
- Efficient use of time and ability to manage multiple priorities and tasks in a persistent manner.
- Good interpersonal skills and the ability to interact with diverse stakeholders in a professional manner.
- Adherence to supervisory direction received.
- Sound judgment, creativity and initiative in project management and solving problems related to environmental, fiscal, and programmatic realities.
- Beneficial but not required: Knowledge of riverine environments, including: sediment and hydraulic processes, flood effects, climate-related change and management options.

Responsibilities: Under the direction of the Coastal Hazards Unit supervisor, the Coastal Processes Specialist will do the following:

- Provide guidance and technical assistance to municipalities and other state and federal agencies on shore protection methods and how to improve resiliency to coastal hazards;
- coordinate with local governments, state and federal agencies to facilitate coastal hazard related programs, regional plans and administrative processes of the DOS;
- assist with reviewing shore protection projects proposed for shorelines around the state and applying state law and policy;
- establish and maintain professional contacts; maintain a high level of professional credibility and visibility to advance the goals of the DOS;

- keep abreast of emerging scientific information on coastal processes, including climate change effects, and interpret that information for DOS applications;
- assist DOS with program initiatives in response to Hurricane Sandy or other coastal hazard events as directed;
- prepare and provide semi-annual progress reports and related products and complete administrative reporting as assigned;
- ensure the accuracy and quality of products directly produced;
- represent the DOS at meetings and as appropriate report back to the DOS;
- assist as directed in appropriate outreach activities related to coastal processes.

To Apply:

- By **no later than April 30, 2013** send a cover letter, resume, contact information for three references, and a one page position paper to:

Mr. Barry Pendergrass, New York State Department of State, 99 Washington Ave., Albany, NY, 12231 or Barry.Pendergrass@dos.ny.gov .

The position paper should discuss your philosophy on post-storm rebuilding and the use of land use measures, “green infrastructure”, living shorelines, and hard shoreline protection to address short and long term issues affecting coastal development and natural resources in coastal communities.

- Based on information submitted, top candidates will be invited to an interview in Albany, NY. Candidates should bring college transcripts to the interview.

The Position:

- The work location will be in Albany, NY.
- Interview and relocation expenses are not covered.
- The selected individual will be an employee of the Natural Heritage Trust, assigned to work for the Department of State 37.5 hrs per week.
- Health insurance, leave, retirement benefits, and work related travel compensation are provided.
- Starting salary range will be between \$50,000 and \$60,000 depending on qualifications.
- The position is subject to periodic performance reviews.
- The selected individual must have a valid driver’s license and be available for travel around the state. The coastal area of New York includes Lakes Erie and Ontario, the Niagara, St. Lawrence and Hudson Rivers, and the marine coast of New York City and Long Island.