



Water Resources Engineer

The Everglades Foundation, a non-profit organization dedicated to the restoration of the Everglades, is expanding its Science team and is looking for an experienced Water Resources Engineer/Hydrologic Modeler to work as part of a team on the evaluation of Everglades restoration projects. The Everglades Foundation is a science-driven organization and as such, our policies and priorities are driven by our sound science.

The primary duties of the Water Resources Engineer would be to analyze and evaluate technical elements of Everglades restoration projects and identify appropriate structural and non-structural elements of projects needed to achieve successful restoration. The successful candidate will be expected to have advanced knowledge of Everglades hydrology, hydraulics and application of regional scale models. The Water Resources Engineer will be responsible for conducting hydrologic investigations to assess the effects of proposed plans on the Everglades ecosystem and provide recommendations to improve the proposed management actions.

This is an exciting career opportunity since the technical outcomes of the team will be translated into policies and actions on the ground. This hands-on position of the Water Resources Engineer supports the Everglades Foundation staff by providing concise recommendations based on a variety of scientific assessments and hydraulic/hydrologic modeling outputs, while investigating Everglades restoration projects.

The Everglades Foundation is looking for a Water Resources Engineer that:

- has a MS degree with extensive work experience in South Florida in Civil/Environmental Engineering, Hydrology, Water Resources or a closely related discipline.
- has excellent knowledge of South Florida hydrology and water management.
- possesses a strong technical expertise in regional scale hydrologic model applications for planning water engineering projects and for managing water resources. A preference will be given to candidates with experience in applying hydrologic models used for Everglades restoration such as the South Florida Water Management Model and South Florida Regional Simulation Model.
- is capable of analyzing hydrologic engineering data and assessing optimal configuration of structural and non-structural components of projects.
- is proficient in Unix/Linux operating systems and in programming languages (e.g., FORTRAN, C++, R and Matlab).
- is interested in performing simulations to assess proposed restoration projects by federal and state agencies and analyze model outputs.
- has strong analytical skills to solve technical problems and carry out assignments under minimal supervision.
- has excellent communication skills.

The Everglades Foundation offers a very competitive salary and a comprehensive benefits package. We have a dedicated team of scientists and engineers and offer an excellent working environment. We are located in Palmetto Bay, Florida. If you are interested in joining us, send a pdf version of your cover letter and resume to mnaja@evergladesfoundation.org.