



SENIOR WATER RESOURCES ENGINEER – MELBOURNE, ORLANDO, OR TAMPA

Applied Ecology, Inc., a small environmental consulting business with a rapidly expanding footprint, is seeking a highly motivated and energetic Senior Water Resources Engineer with proven experience to lead our Water Resources Service Line. This position requires a strong background in water resources engineering, solid project management skills, and experience teaming with clients. AEI has three offices located in Florida and is a regional leader in water resources, ecological and natural resources, geospatial services, and environmental remediation and contamination services.

As a small business, we are involved in diverse yet challenging environmental and utility projects, providing a great setting for a motivated individual to shape the growth of Applied Ecology in the federal sector. This is your opportunity to pursue the projects you always wanted and build your own successful team.

Qualified candidates must have demonstrated experience and expertise in water resource issues relevant to Florida. Competency is desired in one or more areas, including civil engineering, surface water, water supply/planning, water quality, watershed management planning, and site development engineering.

Candidates should have a minimum of 12 years of professional experience. This position requires a strong background in water resources engineering, solid project management skills, and experience teaming with clients.

Interested applicants, please **submit a cover letter and resume to the posting on our website ([SENIOR WATER RESOURCES ENGINEER | Applied Ecology Inc](#)) addressed to William Paton, Vice-President.**

POSITION DESCRIPTION: RESPONSIBILITIES & DUTIES

- Develop business relationships with both public and private clients.
- Lead the development of technical submittals, including letters, technical reports, figures, and tables.
- Communicate with various municipality, utility, government clients, subcontractors, and government regulating agencies.
- Stormwater and/or groundwater modeling, planning, and design.
- Ensures projects are completed on time and within budget.
- Assist with expanding the water resources service line technical team.

- Acts as advisor to the team regarding projects, tasks, and operations.
- Manages the scope, schedule, and budget across the project lifecycle – from conceptual studies to full design and construction administration.
- Plans and manages project staffing requirements, reports project performance, and identifies and addresses scope creep, schedule, or quality issues to ensure successful delivery of assigned projects.
- This position is client-facing and a primary interface with customers and contracting partners.
- Performs A/E project management duties, leadership, and people accountability responsibilities for projects assigned.
- Writes scope documents in response to specific client task requests.
- Works directly with and manages marketing and proposal team in creating a clear, concise proposal.
- Organizes and directs all activities between the technical and administrative aspects of projects and/or program, including scheduling, budgeting, cost control, cash flow, QA/QC, risk analysis, document control, and management information systems.
- Successfully delivers projects within the clients' budget and schedule requirements while delivering targeted profit to the firm.
- Occasionally travels to client sites for project investigations, definition workshops, charrettes, and project meetings.
- Furnishes all information via SOW, sketches, layouts, and verbal or written information needed by the design team to understand the requirements.
- Advocates for design excellence and quality in the overall program and all project deliverables; works proactively with federal clients to identify expectations and achieve Very Good to Exceptional CPARS ratings.
- Applies a practical knowledge of architectural and engineering methods, techniques, and historical project data to ensure project requirements are complete.

MINIMUM REQUIRED QUALIFICATIONS

- Bachelor's degree in Civil Engineering or a related water resources discipline; Master's degree preferred.
- ≥ 12 years of experience in water resources.
- A Florida Professional Engineer license is required.
- Knowledge of the regulatory processes in Florida.
- Excellent project management skills.
- Knowledgeable in Microsoft Office products.
- Experience with surface water, groundwater, and integrated modeling codes such as HEC-RAS, ICPR, MIKE-SHE, and/or SWMM.
- Candidate must have solid technical writing skills and effective inter-communication skills.
- Candidate must be accountable for their productivity and actions.

DESIRED QUALIFICATIONS

- 10+ years of related project management and/or supervisory experience is preferred.
- Graduate degree preferred.
- Federal experience, including NAVFAC, USACE, or USAF (DoD) experience preferred.
- Project management experience specific to Architectural & Engineering (A/E) services.
- Experience with AutoCAD, POND5, ASAD, GEOPAK Drainage, ArcGIS, and/or MicroStation.
- LEED accreditation or other accepted "Green Rating System" and sustainable project experience.
- Project Management Professional certification (PMP).

KNOWLEDGE, SKILLS, AND ABILITIES (KSAs)

- Organized with the ability to prioritize and execute multiple projects.
- Possess effective analytical and problem-solving skills.
- Energetic, detail-oriented team player and leader.
- Motivated and eager to grow the Water Resources Service Line.
- Must be detail-oriented and take pride in delivering high-quality work.
- Ability to exhibit a professional, courteous demeanor.
- Ability to work in a diverse environment.
- Excellent communication and interpersonal skills, including the ability to establish and maintain positive working relationships with those encountered in the course of work using principles of excellent customer service.

Applied Ecology, Inc. is an Equal Opportunity Employer. Our firm is committed through responsible management policies to recruit, hire, promote, train, transfer, compensate, and administer all other personnel actions without regard to race, color, ethnicity, national origin, age, religion, disability, marital status, gender, sexual orientation, gender identity or expression, genetic information, status as a protected veteran and any other factor prohibited under applicable federal, state, and local civil rights laws, rules, and regulations.