

Water Resources Engineer

If you're looking for a firm that encourages innovative thinking and challenges you every day, a career at Hanson is right for you. The belief in sustainability within our company's practices creates a focus on client success and partnerships that are important to our communities and our environment.

At the core of our water resources practice is the desire to be good stewards of our waterways and the surrounding environment. As engineering professionals, we plan, design and permit water resources infrastructure across the U.S. and abroad. Your work at Hanson will balance the societal benefits of the built-environment with nature.

Hanson Professional Services Inc. is seeking a candidate to fill a full time Water Resources Engineer position in the **Springfield, IL** office. Other Hanson locations will be considered depending on the qualifications of the candidate.

About us

Hanson is a dynamic, employee-owned consulting firm of more than 400 employees providing a full range of multi-disciplined engineering, scientific, and allied services throughout the USA.

Position Profile

This position is responsible for the planning, design and permitting of water resources projects for roadway, railroad, aviation, and industrial projects.

Essential Job Functions/Responsibilities:

1. Perform hydrologic and hydraulic modeling on a variety of projects ranging from simple roadway interchanges and site developments to large scale urban flood control projects.
2. Plan, design and procure permitting for levees, dams, reservoirs, bridges and culverts.
3. Assist in project activities such as stormwater management, field inspections, floodplain modeling, scour analysis, erosion protection, stream restoration, unsteady flow modeling, 2-D modeling, floodway construction permitting, FEMA permitting and preparation of technical reports.
4. Other duties as assigned.

Qualifications

Technical Skills:

- Proficient with the following software programs is desirable: HEC-RAS (1D & 2D), HEC-HMS, TR-55, HY8, XP-SWMM, EPA-SWMM, Flo-2D, SMS, SRH-2D, AutoCAD, MicroStation, and ArcGIS

Soft Skills:

- The candidate must be able to work as a team member and independently, have the desire to learn new skills, be self-motivated, and possess excellent interpersonal communication skills

Education/Experience:

- A bachelor's degree in the engineering field with an emphasis on water resources required
- E.I.T is required. Master's degree, professional engineering license, and certification as a floodplain manager is desirable.
- Minimum of 1 year of experience in the field of water resources is a plus.

Working at Hanson:

- Must be able to collaborate remotely with colleagues in other offices.
- Candidate must be willing to accept out-of-town travel assignments and to work overtime to meet project demands.

- Must possess a valid driver's license

Anticipated Classification Range: E/S I - IV

Contact: Interested and qualified Hanson employees should submit HRMP-8.2 "Employee Application for Posted Position" and a current resume to Human Resources #XXXX. Form HRMP-8.2 is available through Human Resources.

Interested and qualified applicants, other than Hanson employees, should apply through the Hanson website, www.hanson-inc.com to job #XXXX.

As employers/governmental contractors, we comply with government regulations, including affirmative action responsibilities where they apply. To assist us in meeting our affirmative action goals, employees are encouraged to refer minorities, women, individuals with disabilities and veterans.

**AN EQUAL OPPORTUNITY — AFFIRMATIVE ACTION EMPLOYER
EEO / MINORITY / FEMALE / INDIVIDUALS WITH DISABILITIES / VETERANS**

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