



MILE HIGH FLOOD DISTRICT

2480 W. 26th Avenue, Suite 156B Denver, CO 80211

303-455-6277, FAX 303-455-7880, www.mhfd.org

An Equal Opportunity Employer

Protecting people, property, and our environment through preservation, mitigation, and education.

HYDRAULIC MODELER

Description:

This is a full-time, exempt position as a Hydraulic Modeler for the Mile High Flood District (MHFD). This position would provide a variety of technical functions associated with hydraulic modeling and floodplain mapping. The Hydraulic Modeler position plays a critical role in maintaining consistency in MHFD floodplain mapping products. The Hydraulic Modeler would collaborate with other MHFD support staff on developing products used for floodplain management.

Duties and Responsibilities:

- Provides technical review of supporting documentation (hydraulic analysis, reports, plans, profiles, and other products) for Flood Hazard Area Delineation (FHAD) studies
- Provides technical review of supporting documentation (hydraulic model, mapping, profiles, and other products) for Physical Map Revisions and coordinates with FEMA contractor
- Coordinates with MHFD Staff Engineers to ensure consistency of reviews
- Assists Watershed Managers and Project Managers in project-related technical modeling needs
- Assists with the development of FHAD guidelines and outreach to consultants
- Assists with other technical support as needed
- Assists in special projects and educational outreach efforts that support MHFD's mission/vision and core values
- Seeks opportunities for training to maintain technical proficiency in hydraulic modeling

Minimum Qualifications:

- Bachelor's Degree in Civil Engineering or other relevant branch of engineering
- Eight (8) years' experience of hydraulic modeling in which at least three of those years were in an unsupervised or technical lead position
- Colorado-licensed Professional Engineer

Key Competencies:

- Extensive knowledge of hydrology, hydraulics, drainage, and floodplain management concepts
- Working knowledge of the technical and practical aspects of regulatory requirements associated with floodplain management
- Demonstrated ability to apply such knowledge and concepts to specific problems
- Ability to work effectively and cooperatively with other members of the staff and consulting engineers.
- Excellent oral and written communication skills
- Demonstrated interest and ability in maintaining technical proficiency and interpersonal skills development

Availability and Salary:

- Immediate Opening
- Starting compensation rate: \$90,000 - \$110,000
- Application Closing Date: Until filled

Contact:

Send cover letter and résumé to Amelia Deleon, Human Resources Manager, adeleon@udfcd.org

Last revised: October 2019