

Federal Emergency Management Agency

Job Title: Civil Engineer, GS-0810-11/12

Department: Department Of Homeland Security

Agency: Federal Emergency Management Agency

Job Announcement Number: MG-2011-91417-KJD-559487D/M

SALARY RANGE: \$67,963.00 to \$105,897.00 / Per Year
OPEN PERIOD: Thursday, November 10, 2011 to Wednesday, November 23, 2011
SERIES & GRADE: GS-0810-11/12
POSITION INFORMATION: Full Time - Permanent
PROMOTION POTENTIAL:

12

DUTY LOCATIONS: 1 vacancy(s) - Oakland, CA United States

WHO MAY BE CONSIDERED: US Citizens and Status Candidates

JOB SUMMARY:

Do you desire to protect American interests and secure our Nation while building a meaningful and rewarding career? If so, the Department of Homeland Security (DHS) is calling. DHS components work collectively to prevent terrorism, secure borders, enforce and administer immigration laws, safeguard cyberspace and ensure resilience to disasters. The vitality and magnitude of this mission is achieved by a diverse workforce spanning hundreds of occupations. Make an impact; join DHS.

When disaster strikes, America looks to FEMA. Now FEMA looks to you. Join our team and use your talent to support Americans in their times of greatest need. The Federal Emergency Management Agency (FEMA) prepares the nation for all hazards and manages Federal response and recovery efforts following any national incident. We foster innovation, reward performance and creativity, and provide challenges on a routine basis with a well-skilled, knowledgeable, high performance workforce.

Who May Apply

- All U.S. Citizens
- Current federal employees serving under a career or career-conditional appointment
- Persons eligible for non-competitive appointment under special hiring authorities
- Persons eligible under an Interchange Agreement ([click here](#) to view a list of covered agreements)
- Veterans' preference eligibles or veterans who have been separated from the Armed Forces under honorable conditions after substantially completing at least three consecutive years of active duty ([click here](#) for information on veterans)
- For definitions of terms found in this announcement, please click [here](#)

This position is ideal for an expert civil engineer looking for an opportunity to support the National Flood Insurance Program and mitigation goals of the Department of Homeland Security and the Federal Emergency Management Agency. This position starts at a salary of \$67,963.00 (GS-11) and \$81,460.00 (GS-12). Apply for this exciting opportunity to become a member of the Department of Homeland Security, Federal Emergency Management Agency, Region 9, Mitigation Division in Oakland, CA.

PROMOTION POTENTIAL: Future promotions will be dependent on your ability to perform the duties at a higher level, the continuing need for an employee assigned to the higher level, and administrative approval.

EMERGENCY ASSIGNMENT: FEMA employees are subject to 24 hour on-call in the event of any emergency. This service may require irregular work hours, work at locations other than the official duty station, and may include duties other than those specified in the employee's official position description. Travel requirements in support of emergency operations may be extensive in nature (weeks to months), with little advance notice, and may require employees to relocate to emergency sites that require functioning under intense physical and mental stress.

Relocation expenses are not authorized for this position.

KEY REQUIREMENTS

- You must be a U.S. citizen to apply for this position.

- You must be able to obtain a Public Trust security clearance.
- You may be required to undergo periodic drug testing.
- Occasional travel may be required.
- Direct Deposit is mandatory.
- Males born after 12/31/59 - Selective Service Registration required.

DUTIES:

In this position, you will serve as an Engineer and perform program and hydrologic and hydraulic engineering work in support of the National Flood Insurance Program (NFIP) and Mitigation Division goals to reduce or eliminate long-term risks to people and property from hazards and their effects. Typical work assignments include:

- **Serving as an advisor and hydraulic engineering technical representative for FEMA programs which requires diverse and complex planning, implementation and hydrologic and hydraulic engineering expertise;**
- **Providing technical direction to the regional program specialist on flood risk studies and mapping;**
- **Identifying and defining study and mapping standards and modifications so that hazard maps and studies reflect current National Flood Insurance Program (NFIP) policy and legal requirements;**
- **Recommending guidelines and specifications for the planning and engineering aspects of flood, mudslide, and erosion studies;**
- **Collaborating with Federal and State agencies, Tribal and local governments in the development and review of flood hazard information.**

QUALIFICATIONS REQUIRED:

Basic Requirements:

1. Degree: professional engineering. To be acceptable, the curriculum must: (1) be in a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.
- OR
2. Combination of education and experience -- college-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying professional engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following:
 1. *Professional registration* -- Current registration as a professional engineer by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions.
 2. *Written Test* -- Evidence of having successfully passed the Engineer-in-Training (EIT) examination, or the written test required for professional registration, which is administered by the Boards of Engineering Examiners in the various States, the District of Columbia, Guam, and Puerto Rico. Applicants who have passed the EIT examination and have completed all the requirements for either (a) a bachelor's degree in engineering technology (BET) from an accredited college of university that included 60 semester hours of courses in the physical, mathematical, and engineering sciences, or (b) a BET from a program accredited by the

Accreditation Board for Engineering and Technology (ABET) may be rated eligible for certain engineering positions at GS-5. Eligibility is limited to positions that are within or closely related to the specialty field of the engineering technology program. Applicants for positions that involve highly technical research, development, or similar functions requiring an advanced level of competence in basic science must meet the basic requirements in paragraph A. Because of the diversity in kind and quality of BET programs, graduates of other BET programs are required to complete at least 1 year of additional education or highly technical work experience of such nature as to provide reasonable assurance of the possession of the knowledge, skills, and abilities required for professional engineering competence. The adequacy of this background must be demonstrated by passing the EIT examination.

3. *Specified academic courses* -- Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and in engineering that included the courses specified in the basic requirements. The courses must be fully acceptable toward meeting the requirements of a professional engineering curriculum as described in paragraph A.
4. *Related curriculum* -- Successful completion of a curriculum leading to a bachelor's degree in engineering technology or in an appropriate professional field, e.g., physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions. (The above examples of related curricula are not all-inclusive.)

In addition to meeting the Basic Requirement to qualify for this position at the GS-11 level you must also possess one of the following:

One full year of specialized experience. Specialized experience is described as experience assisting with and coordinating the administration of principles, practices, techniques and processes of floodplain mapping and hazard identification.

OR 3 years of progressively higher level graduate education leading to a Ph.D. degree or Ph.D. or equivalent doctoral degree.

OR Combination of education and experience.

In addition to meeting the Basic Requirement to qualify for this position at the GS-12 level you must also possess the following: One full year of specialized experience. Specialized experience is described as experience assisting with and coordinating the administration of principles, practices, techniques and processes of floodplain mapping and hazard identification and experience that shows mastery of developing approaches and methodologies for the preparation of flood studies that are defensible against scrutiny from outside interests.

Selective Placement Factor: In addition to meeting the above criteria, you must also meet the following:

Experience with the principles, practices, techniques and processes of floodplain mapping which includes relevant practices in the fields of civil engineering, hydrology, hydraulic and coastal engineering, and surveying.

Time-in-Grade Requirements for Federal employees: Current Federal employees must have served 52 weeks at the next lower grade or equivalent grade band in the Federal service. The time-in-grade requirement must be met within 30 calendar days of the closing date of this announcement.

The qualification requirements listed above must be met within 30 calendar days of the closing date of this announcement.

This position has a positive education requirement. See Qualifications section for details.

Background Investigation: To ensure the accomplishment of our mission, DHS requires every employee to be reliable and trustworthy. To meet those standards, all selected applicants must undergo

and successfully pass a background investigation for Public Trust clearance level as a condition of placement into this position. This may include a review of financial issues, such as delinquency, child support and/or tax obligations, as well as certain criminal offenses and illegal use or possession of drugs.

HOW YOU WILL BE EVALUATED:

We will review your resume and supporting documentation to ensure you meet the basic qualification requirements. If you meet the minimum qualifications, your experience, education, and training will be rated using a job questionnaire that is based on the following competencies or knowledge, skills, and abilities needed to perform this job:

1. Knowledge of geographic information systems (GIS), digital mapping, and state-of-the-art ground surveying techniques.
2. Knowledge of the National Flood Insurance Program statutory authority and regulations.
3. Knowledge of the Federal government contracting and grants process.
4. Ability to convey technical information in a variety of written formats for both technical and non-technical audiences.
5. Ability to orally convey technical information to a variety of audiences through the facilitation of or participation in meetings, presentations, and/or briefings; and to negotiate effectively to gain acceptance of recommendations and agency policies.

If you are applying under Delegated Examining (All U.S. Citizens), we will use your job questionnaire to place you in one of three categories based on your experience, education, and training. If you meet the minimum qualifications, you will be placed in one of the following categories:

1. **Best Qualified:** Applicants possessing a background that demonstrates a superior level of all evaluation criteria.
2. **Well-Qualified:** Applicants possessing a background that demonstrates a satisfactory level of the evaluation criteria.
3. **Qualified:** Applicants possessing the basic qualifications, with general knowledge, skills, and abilities.

If you are applying under Merit Promotion, you will be given the minimum earned rating of 70 points and a maximum of 30 points may be awarded based on your responses to the questionnaire.

If you are best qualified, you may be referred to the hiring manager for consideration and may be called for an interview. To preview the Assessment Questionnaire, click the following link: [View Assessment Questions](#)

Agency Career Transition Assistance Program (CTAP) or the Interagency Career Transition Assistance Program (ICTAP) Eligibles:

If you have never worked for the Federal government, you are not CTAP/ICTAP eligible. Information about ICTAP or CTAP eligibility can be found by clicking [here](#) to access OPM's Career Transition Resources website. To be considered well qualified under CTAP/ ICTAP, you must be placed in the Well Qualified category for this position, as described above. In addition, you must submit the supporting documents listed under the required documents section of this announcement.

Veterans: Veterans with 5-point preference who meet the eligibility and qualification requirements are placed above non-preference eligibles within the category in which they qualify. Veterans who have a compensable service-connected disability of at least 10% are listed in the best qualified category, except when the position being filled is scientific, professional at the GS-09 grade level, or higher. This position is considered scientific/professional. For information on veterans' preference, please click [here](#).

Certain veterans are eligible to apply as a status candidate under the Veterans Employment Opportunity Act (VEOA). For more information, please click [here](#).

BENEFITS:

DHS offers competitive salaries and an attractive benefits package, including: health, dental, vision, life, and long-term care insurance; retirement plan; Thrift Savings Plan [similar to a 401(k)]; Flexible Spending Account; Employee Assistance Program; personal leave days; and paid federal holidays. Other benefits may include: flexible work schedules; telework; tuition reimbursement; transportation subsidies; uniform allowance; health and wellness programs; and fitness centers. DHS is committed to employee development and offers a variety of employee training and developmental opportunities. For more information, go to www.dhs.gov/careers and select "benefits."

OTHER INFORMATION:

This announcement may be used to fill one or more vacancies.

HOW TO APPLY:

Your application must be received by 11:59PM EST on Wednesday, November 23, 2011.

To begin your online application, click the **Apply Online** button and follow the prompts to register or sign into USAJOBS, take the online questionnaire, and submit the required documents. See **Required Documents** section for more detail.

We strongly encourage you to apply online. If you cannot apply online, you may FAX your résumé, assessment questionnaire, and supporting documents to (478) 757-3144. You must print a copy of [OPM Form 1203-FX](#), document your responses to the assessment questionnaire [View Occupational Questionnaire](#) and use the official FAX coversheet found [here](#).

REQUIRED DOCUMENTS:

1. **Your résumé**
2. **Your responses to the job questionnaire** [View Assessment Questions](#)
3. **Are you qualifying based on education?** Submit a copy of your college transcript (unofficial is acceptable) or a list of coursework with hours completed. Those with foreign education, click this [link](#).
4. **Are you a veteran?** Submit Member Copy 4 of your DD 214 (Certificate of Release or Discharge from Active Duty). Those applying for 10-point preference must fill out the SF-15 (click [here](#) for the form) and provide the required documentation listed on the back of the form. Click [here](#) for more veterans' information.
5. **Are you claiming special priority selection rights under the Agency Career Transition Assistance Program (CTAP) or the Interagency Career Transition Assistance Program (ICTAP)?** You must submit:
 - a copy of your agency notice, and
 - a copy of your most recent performance rating, and a copy of your most recent SF-50, Notification of Personnel Action, noting your current position, grade level, and duty location.
6. **Are you a current or former Federal employee?** Submit a copy of your most recent SF-50, Notification of Personnel Action, that shows your competitive service status. (The "position occupied" block on the SF-50 should show a "1" and your "tenure" block should show a "1" or "2".)
7. **Are you a [Peace Corps](#)/ [VISTA volunteer](#) or a [person with a disability](#)?** Click on the link above to view the required supporting documentation to submit with your application.

AGENCY CONTACT INFO:

Kathy Delauter
 Phone: (800)879-6076
 TDD: (800)877-8339

Agency Information:
 DHS FEMA HCD Talent Acquisition and
 Processing
 16825 S Seton Ave
 Emmitsburg, MD
 21727

WHAT TO EXPECT NEXT:

Once you submit your application, we will assess your experience and training, identify the best qualified applicants, and refer those applications to the hiring manager for further consideration and interviews. We will notify you by email after each of these steps has been completed. Your status will also be updated on USAJOBS throughout the process. To check your status, log on to your USAJOBS account, click on "Application Status," and then click "More Information." We expect to make a final job offer

within 30 days after the deadline for applications. If you are selected, we will conduct a suitability/security background investigation.

For more information on applying for Federal employment, please click [here](#)

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