

NOTICE

Modifications to this Funding Opportunity Announcement (FOA) may have been made since this version was posted. Applicants are strongly advised to consult the FOA version posted on www.FedConnect.com, the official application website, for the latest changes regarding the application materials, dates, and other requirements.

The FedConnect system can be accessed through the following steps:

1. Go to <http://www.FedConnect.net/>
2. Click on "Search Public Opportunities"
3. Select "Reference Number" in the Search Criteria drop down box and then enter the Reference Number of the funding opportunity you are interested in (DE-FOA-XXXXXXX), followed by clicking the "Search" button
4. Click on the Title hyperlink after search results are displayed
5. On the right side of the screen, click on "BODY" under the "Solicitation" or "Amendment" folder; if multiple amendments exist, click on the most recent award amendment for the latest changes.

If you are new to the Federal grant application process, it can take 21 days or more to complete all of the registration processes needed to submit questions or application. These activities include acquiring a DUNS number, completing a Central Contract Registration (CCR), and FedConnect.com registration. Hence, if you are considering applying for this or another Funding Opportunity, we recommend beginning the registration process as soon as possible.

For further assistance throughout the application process, contact the following numbers:

- **General inquiries:** 1-888-DOE-RCVY (1-888-363-7289), <https://recoveryclearinghouse.energy.gov/>
- **Central Contract Registration (CCR) system:** 1-888-227-2423, <http://www.ccr.gov/Help.aspx>
- **FedConnect:** 1-800-899-6665, support@fedconnect.net
- **Specifics on FOA:** see "Questions" portion of the FOA

DISCLAIMER: The “Notice of Intent to Issue” is for information only; this is not for public comment.

**Notice of Intent to Issue
Funding Opportunity Announcement No.: DE-FOA-0000032
2009 American Recovery and Reinvestment Act: Geologic Sequestration Training
and Research**

In carrying out the American Recovery and Reinvestment Act 2009, the DOE National Energy Technology Laboratory (NETL) intends to issue this Funding Opportunity Announcement (FOA) on behalf of the DOE Office of Fossil Energy. It is anticipated this FOA will be available in May 2009. The FOA will provide grants for University Training and Research. The FOA will be restricted eligibility divided into 2 categories: (1) all universities; (2) Historically Black Colleges and Universities and Other Minority Institutions (HBCU/OMI).

DOE envisions awarding multiple financial assistance awards in the form of grants. The number of applications selected for negotiations leading to award is anticipated to be approximately 40, but may depend on quality of applications submitted and the availability of funds. The estimated period of performance for each award will be three years.

The objective of this FOA is to provide training opportunities for graduate and undergraduate students that will provide the human capital and skills required for implementing and deploying Carbon Capture and Storage (CCS) technologies. Fundamental research is needed to advance science in: simulation and risk assessment; monitoring, verification, and accounting; geological related analytical tools; methods to interpret geophysical models; CO₂ capture; well completion and integrity; and water production/clean-up/alternative use.

An awareness of current and completed research and development activities in the carbon sequestration area will be important to achieving the proper balance of integration with other funded activities. The Department of Energy (DOE)'s Carbon Sequestration Activity within the Office of Fossil Energy (FE)'s Coal Program involves two key elements for technology development and research: 1) Core R&D and 2) Infrastructure. The Core R&D element contains five focal areas for carbon sequestration technology development: 1) capture, 2) geologic carbon storage, 3) monitoring, verification, and accounting (MVA), 4) CO₂ use, and 5) simulation and risk assessment. Core R&D is driven by technology needs and is accomplished through laboratory and pilot-scale research aimed at developing new technologies and new systems for greenhouse gas (GHG) mitigation. The Infrastructure element includes large-scale projects and the Regional Carbon Sequestration Partnerships (RCSPs).

The Funding Opportunity Announcement will be available for viewing at Grants.gov (<http://www.grants.gov>) and at FedConnect (<https://www.fedconnect.net/FedConnect/>). Applicants are strongly encouraged to register at these sites to receive notification of announcements posted by the National Energy Technology Laboratory. When the Funding Opportunity Announcement is released, applications will be received through the FedConnect portal (<http://www.fedconnect.net>).

In anticipation of the FOA being released, there are several one-time actions prospective applicants must complete to submit an application in response to this Announcement (e.g., obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, register with FedConnect, and register with the Central Contractor Registration (CCR)). Due to the likelihood of a short response period, interested applicants are strongly encouraged to ensure these requirements have been met. Detailed information is as follows:

1. Applicants must obtain a DUNS number. If your organization does not have a DUNS number, go to the Dun & Bradstreet (D&B) online registration located at <http://fedgov.dnb.com/webform/> to receive a number free of charge or call 1-866-705-5711.
2. Applicants must register with FedConnect to submit their application. FedConnect website: www.fedconnect.net
3. Applicants must register with the CCR. CCR website: <http://www.ccr.gov/>. The Central Contractor Registration (CCR) collects, validates, stores, and disseminates business information about the Federal Government's trading partners in support of the contract award, grants, and the electronic payment processes.

To see if your organization is already registered with CCR, check the CCR website located at <http://www.bpn.gov/ccring/scripts/search.asp>. You will be able to search CCR by using either your organization's DUNS Number or legal business name. If your organization is already registered, take note of who is listed as the organization's E-Business Point of Contact (E-Business POC). This person will be responsible for registering in FedConnect.

If your organization is not registered in CCR, go to the CCR Website at www.ccr.gov and select the "Start New Registration" option to begin the registration process. Please allow up to 7 days for processing of your registration which includes the IRS validating your Employer Identification Number (Taxpayer Identification Number or Social Security Number). The organization's E-Business POC will be designated during the CCR registrations process. A special Marketing Partner ID Number (MPIN) is established as a password to verify the E-Business POC.

The DOE will not entertain questions at this time. Once the Funding Opportunity Announcement has been released, a "submit questions" feature will be defined.

DISCLAIMER

This Notice is issued so that interested parties are aware of the DOE's intention to issue this Funding Opportunity Announcement. Any of the information contained in this Notice is subject to change.