EROS Registration System (ERS)

The U.S. Geological Survey (USGS) Earth Resources Observation and Science (EROS) Registration System (ERS) centralizes all existing user profile and authentication for USGS EROS Web services into a single independent application. Registration and login credentials are required to access all system features and to download data from USGS EROS data access systems. A user who has not yet been registered with ERS may be directed to the ERS Sign In page to create a new account when attempting to register for a USGS EROS data service that requires user authentication.

The information gathered from the registration process is not distributed to other organizations and is only used to determine trends in data usage. Users will be prompted every other year to update their user profile. To ensure privacy and security, ERS uses Hypertext Transfer Protocol with Secure Sockets Layer (HTTPS) to encrypt user authentication.

The ERS interface consists of the following key elements:

- User Credentials
- Contact Demographic
- Contact Information
- Complete Registration

User interface features in the registration service include the following:

- The Continue button performs an edit check; if the values entered pass the edits for that form, the information is saved and advances to the next page in the registration process.
- An invalid entry produces a pop-up message explaining the error.
- The Cancel button returns to the initial registration page without saving any information.
- Contact Customer Services at custserv@usgs.gov or (605) 594-6151 if you have any problems with the registration process.

User Registration

To register, go to the ERS Sign In page (https://ers.cr.usgs.gov) and select Create New Account (Figure 1).
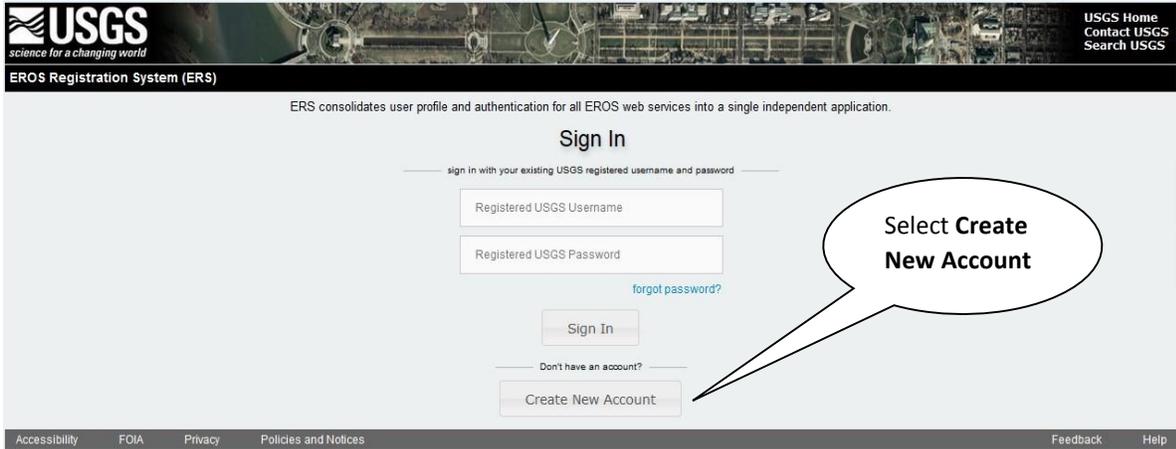
Figure 1 - Registration

1. User Credentials Page

The User Registration process (Figure 2) requires users to create a username and password.

Figure 2 – User Credentials

The User Credentials page requires users to type the following values:

- Username – The username must be between 4 and 30 characters long.
- Password – The password must be between 8 and 16 characters long and contain at least one alphabetic character and one numeric character.
- Confirm Password – Type the password entered in the previous password field.
- Captcha Validation – Type in the text from the system-generated image.
- Continue – Performs a check; if the values entered are valid, the information is saved and advances to the Contact Demographic form.

ERS passwords do not expire; however, user profiles are automatically flagged as expired if they have not been used for a configurable amount of time. The expired status is primarily for filtering reports and is not used to deny access to data or services.

2. Contact Demographic Page

The Contact Demographic page (**Error! Reference source not found.**) allows users to enter affiliation and identify uses of the data. This information is used to gather statistics on data applications and types of organizations using remotely sensed data. All fields on this page are required.

👤 User Registration

| User Credentials | **Contact Demographic** | Contact Information | Complete Registration |

The Contact Demographic information identifies user affiliation and usage of the data. This information is used to gather statistics on data applications and types of organizations using remotely-sensed data.

All fields on this page are required.

In what sector do you work?

[Select a sector ▼]

Which of the following characterizes you as a user of remotely sensed data from USGS?
(Please check all that apply.)

☐ Data provider (provide data for someone else to use)
☐ Product developer (create products derived from Landsat imagery, such as land cover maps)
☐ Technical user (work on technical issues specifically related to the imagery, like calibration and validation)
☐ End user (apply data or products derived from the data to accomplish my work, including scientific research and education)
☐ Manager (supervise technical and/or end users; also may make decisions based on work which uses the data)

Other (please specify):

[   ]

Does your work use remotely sensed data from the USGS?

[No ▼]

What is the primary application for which you have used remotely sensed data from USGS in the past year?

[Select a Primary Usage ▼]

In addition to the primary application, in what other areas have you used remotely sensed data from USGS in the past year?
(Please check all that apply)

☐ I have not used it in other areas
☐ Agriculture forecasting
☐ Alternative energy exploration/development
☐ Biodiversity conservation
☐ Coastal science/monitoring/management
☐ Cultural resource management/anthropology/archaeology
☐ Ecological/ecosystem science/monitoring
☐ Education: university/college
☐ Energy /metals/minerals exploration/extraction/development
☐ Environmental regulation
☐ Fire science/management
☐ Geology
☐ Humanitarian aid
☐ Land use/land cover change
☐ Range/grassland science/management
☐ Recreation science/management
☐ Software development
☐ Technical training
☐ Urban planning and development
☐ Utilities

☐ Agricultural management/production/conservation
☐ Assessments and taxation
☐ Climate science/change
☐ Cryospheric science
☐ Defense/national security
☐ Education: K-12
☐ Emergency/disaster management
☐ Engineering/construction/surveying
☐ Fish and wildlife science/management
☐ Forest science/management
☐ Hazard insurance
☐ Law enforcement
☐ Public health
☐ Real estate/property management
☐ Rural planning and development
☐ Telecommunications
☐ Transportation
☐ Urbanization (e.g., growth, sprawl)
☐ Water resources

Other Application

[   ]

Over the next year, approximately how much of the remotely sensed data you acquire from USGS will you distribute to others to use as opposed to using it yourself?

[Select a Distribution Amount ▼]

Over the next year, how important will free and open access to remotely sensed data from USGS be to conducting your work?

[Select Access Importance ▼]

[Continue]

Figure 2 – Contact Demographic Form

The Contact Demographic form identifies affiliation along with the primary and secondary uses of the data. The USGS uses this information to determine data usage trends, which provide target specific user groups.

The Contact Demographic form requires users to enter the following values:

- Sector: Indicates the organization affiliation

  - U.S. Federal Government
  - U.S. State/Provincial/Department Government
  - U.S. Local Government
  - Tribe/Nation/Indigenous Group
  - Non-U.S. Federal/National Government
  - Academic Institution
  - Non-profit Organization
  - Private Business
  - General Public
  - Other (please specify)

- Additional Department/Agency: Based on the value selected above, additional information may be required, such as:

  - Department
  - Agency

- User of remotely sensed data: Which of the following characterizes you as a user of remotely sensed data from USGS? (Please check all that apply)

  - Data provider (provide data for someone else to use)
  - Product developer (create products derived from the data)
  - Technical user (work on technical issues related to the data)
  - End user (utilize data or products derived from data)
  - Manager (supervisor other users; make decisions based on data)
  - Other (please specify)

- Data Use: Does your work use remotely sensed data from the USGS (Yes/No)? If yes, select the operational percentage that identifies the percentage used for operational support.

- Operational Work is defined as continuous or ongoing work that either relies on the consistent availability of remotely sensed data or is mandated or required (for example, crop reports, routine mapping, monitoring).
- Non-operational Work is defined as one-time projects or other work that is not mandated (for example, most scientific research).

- Primary application: Select the primary application for which you have used remotely sensed data from the USGS in the past year. Select one item from the drop-down menu box.

  - Agriculture forecasting
  - Agricultural management/production/conservation
  - Alternative energy exploration/development
  - Assessments and taxation
  - Biodiversity conservation
  - Climate science/change
  - Coastal science/monitoring/management
  - Cryospheric science
  - Cultural resource management/anthropology/archaeology
  - Defense/national security
  - Ecological/ecosystem science/monitoring
  - Education: K-12
  - Education: university/college
  - Emergency/disaster management
  - Energy /metals/minerals exploration/extraction/development
  - Engineering/construction/surveying
  - Environmental regulation
  - Fish and wildlife science/management
  - Fire science/management
  - Forest science/management
  - Geology
  - Hazard insurance
  - Humanitarian aid
  - Law enforcement
  - Land use/land cover change
  - Public health
  - Range/grassland science/management
  - Real estate/property management
  - Recreation science/management
  - Rural planning and development

- Software development
- Telecommunications
- Technical training
- Transportation
- Urban planning and development
- Urbanization (e.g., growth, sprawl)
- Utilities
- Water Resources
- Other Use

- Secondary use of data: In addition to the primary application, in what other areas have you used remotely sensed data from USGS in the past year? Options are the same as the primary use list. Please check all that apply. If you do not have a secondary use of data, check the box for "I have not used it in other areas."

- Other Application: If none of the secondary values match, enter the other application(s) of the data.

- Distribution characteristics: Over the next year, approximately how much of the remotely sensed data you acquire from USGS will you distribute to others to use as opposed to using it yourself? Please select only one answer.

  - None of the data
  - Little of the data
  - Some of the data
  - Most of the data
  - All of the data

- Importance of free and open access to data: Over the next year, how important will free and open access to remotely sensed data from USGS be to conducting your work? Please select only one answer.

  - Very Unimportant
  - Somewhat Unimportant
  - Neither Important nor Unimportant
  - Somewhat Important
  - Very Important

Select Continue to perform a validation of the information entered; if the values entered are valid, the information is saved and you advance to the Contact Information form.

3. Contact Information Page

Type the address information in the Address page (**Error! Reference source not found.**). The address information is used only for contact information; however, some data products require shipping information to deliver products. Address information is not shared with any commercial or other government agencies. Please refer to the USGS/DOI Privacy Policy concerning how this information is used.

Figure 4 – Contact Information

The Address page requires you to type the following values:

- First Name – First name of the user.
- Last Name – Last name of the user.
- Company/Organization – Place of employment, affiliated organization, or university*.
- Address 1 – Street Address.
- Address 2 – Additional address information – suite, building, or apartment*.
- Country – Country you are from.
- City – City where you reside.
- State/Province – State/province where you reside*.
- Zip/Postal Code – Zip code or postal code.
- E-mail – E-mail address.
- Alternative E-mail – Additional e-mail address*.
- Telephone – Primary telephone number.
- Fax – Fax number*.
- *These fields are not required.

Select Continue to advance to the Complete Registration Page.

4. Complete Registration Page

The Complete Registration page provides an opportunity to review User Information, Contact Information, and Demographic Information before submitting the registration. Return to the User Credentials, Contact Demographic, or Contact Information tabs to make changes.

Select Submit Registration to create your account.

A confirmation e-mail is sent after the registration information has been entered. Click the link in the e-mail and enter your Username to activate the account and complete the registration process. Please contact Customer Services at custserv@usgs.gov or (605) 594-6151 if you have any problems with the registration process.

If you did not receive an e-mail, please check your spam folder.

Thank you for creating a new account with the EROS Registration System. The ERS capability enables registered user access to multiple USGS EROS applications without being prompted to register for each application separately. Your username and password can now be used to log in to USGS EROS data access systems.

Sign In

The ERS Sign In page allows users to log in to view their Profile, to modify their Contact Information or Demographic Information, and to Change Password.

If you don't remember your password, click the "forgot password?" link to receive an e-mail with directions for updating your password (Figure 5).

Figure 5 - forgot password?