

# Proposed ENS Registration Changes

## ENS homepage

Usage statistics show that a large number of users come to the ENS system (usually after an event in California), look at the registration page, and leave because they are overwhelmed by the form.

These changes are an effort to simplify the registration process to increase the number of people signing up for ENS. The sample email registration method is intended to give the user immediate feedback from the system, while allowing the user to register with minimal effort.

The screenshot shows the USGS Earthquake Hazards Program website. The header features the USGS logo with the tagline "science for a changing world" and navigation links for "USGS Home", "Contact USGS", and "Search USGS". Below the header is a blue banner for the "Earthquake Hazards Program". A navigation bar contains links: "Home", "Earthquake Center", "Regional Information", "About Earthquakes", "Research & Monitoring", and "Other Resources". A breadcrumb trail reads: "You are here: Home » Earthquake Center » EQ Notification Service".

The main content area is titled "Earthquake Notification Service". It includes a section for "Latest Earthquakes" with links to "USA", "World", "EQ Notification Service", "Feeds & Data", and "Animations". A sidebar on the left lists "Recent Earthquakes: Last 8-30 Days", "Earthquake Archives", "Lists & Maps", "Search EQ Database", "EQ Summary Posters", "Scientific Data", "About EQ Maps", "Did You Feel It?", "Fast Moment Tensors", "Media Info", "PAGER", "Seismogram Displays", and "ShakeMaps".

The central text states: "ENS is a free service that sends you automated notification emails when earthquakes happen in your area." Below this is a sample email notification for a "2.5 Mcd - SAN FRANCISCO BAY AREA, CALIF." earthquake. The email content includes a "Preliminary Earthquake Report" with details such as Magnitude (2.5 Mcd), Date/Time (12 Jun 2009 17:16:55 UTC), Location (37.42N 121.24W), Depth (7 km), and Distances to various locations. It also lists "Location uncertainty", "Parameters" (Nod = 44, Dip = 3.0 km, Rise = 0.14 seconds, Op = 0.4), and "Event ID" (NC 4028078). A "Try ENS" button and a link to "Ver un ejemplo" are provided.

On the right, the "Manage Your Account" section contains fields for "Username:" and "Password:", a "Login" button, and links for "Forgot username/password" and "Sign up for ENS".

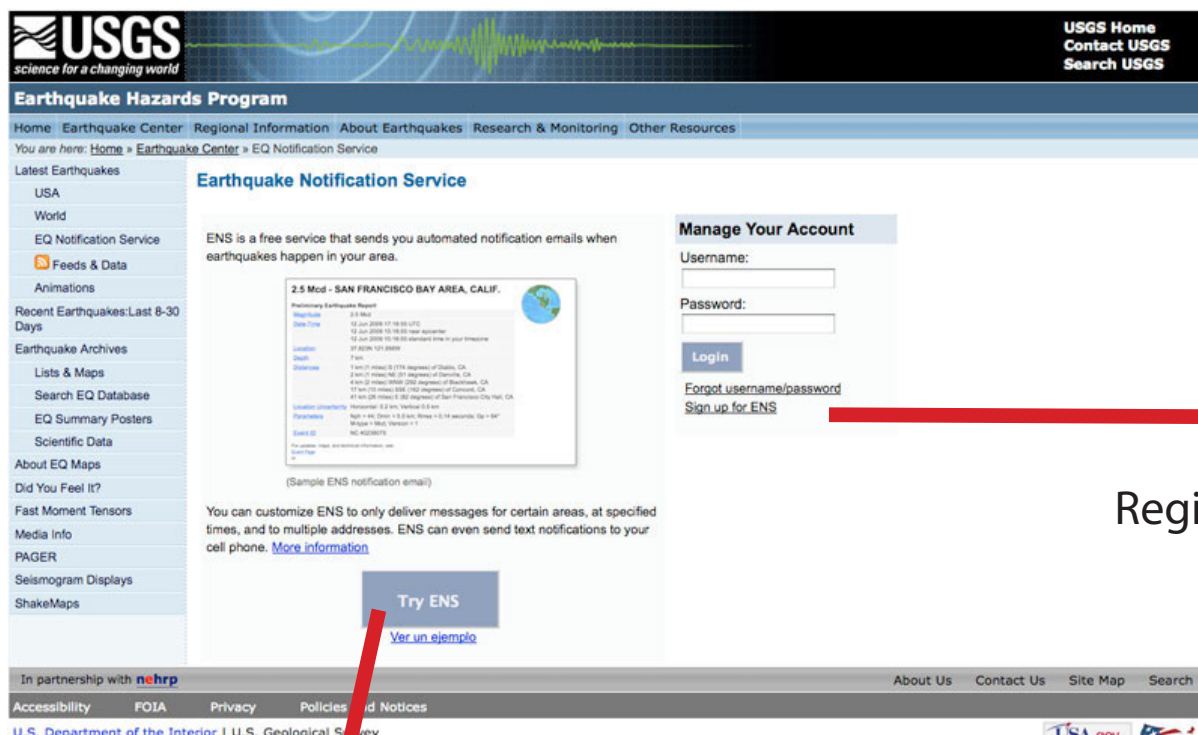
The footer includes "In partnership with nehrp", "About Us", "Contact Us", "Site Map", "Search", "Accessibility", "FOIA", "Privacy", "Policies and Notices", and "U.S. Department of the Interior | U.S. Geological Survey".

When the user first comes to ENS, they have two main options, login to their account or get a sample ENS message. The sample message is an easy way for users to see what ENS really is, and if they like it, to subscribe. Though, if they want, the user can go directly to the subscription form. This PDF gives a brief overview of the two ways a user can subscribe to ENS.

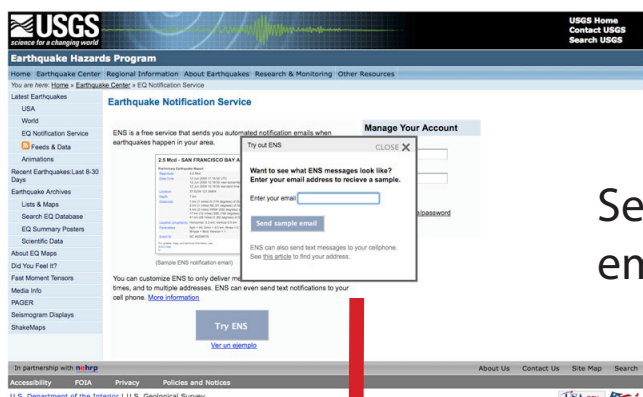
# Proposed ENS Registration Changes

## login.inc.php (Two paths to register)

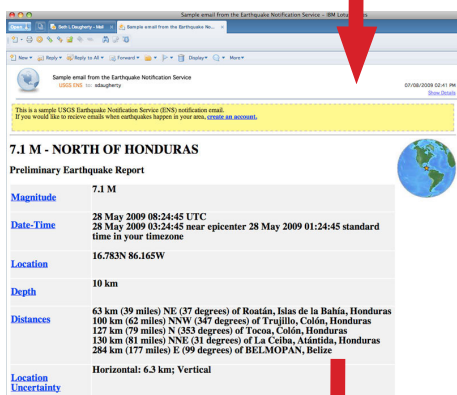
The ENS homepage presents two ways to subscribe to ENS, using the sample message or direct signup.



### 1) Sample email method



Send sample email

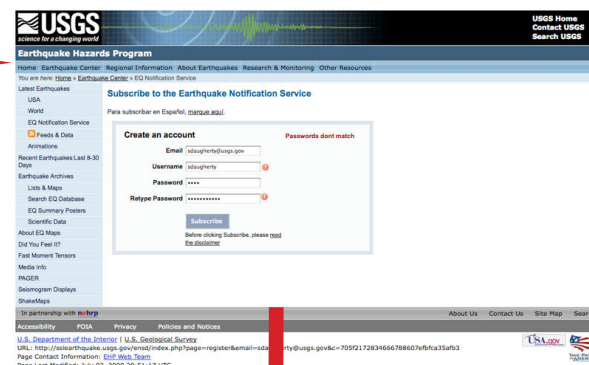


Sample email

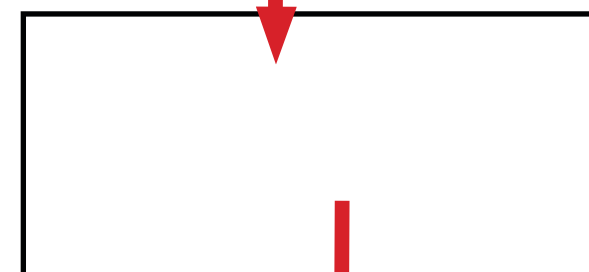


Registration page

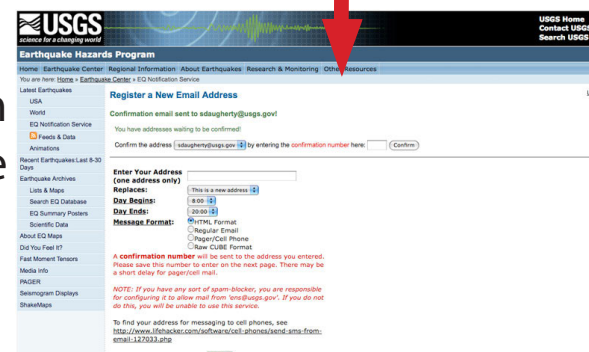
### 2) Direct signup



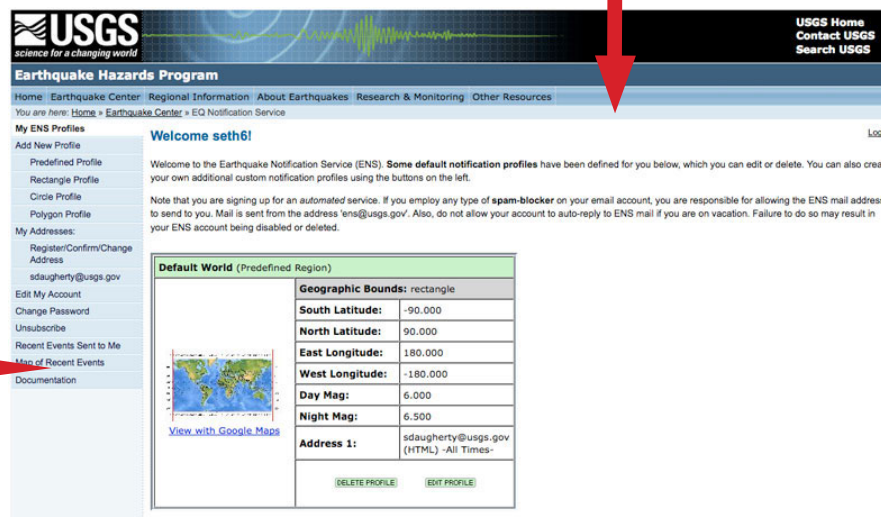
Confirmation email (not shown)



Confirm email page



User homepage





# Proposed ENS Registration Changes

login.inc.php (First way to subscribe)

**USGS**  
science for a changing world

**Earthquake Hazards Program**

Home | Earthquake Center | Regional Information | About Earthquakes | Research & Monitoring | Other Resources

You are here: [Home](#) » [Earthquake Center](#) » [EQ Notification Service](#)

**Earthquake Notification Service**

ENS is a free service that sends you automated notification emails when earthquakes happen in your area.

**Manage Your Account**

**Try out ENS** CLOSE X

Want to see what ENS messages look like?  
Enter your email address to receive a sample.

Enter your email

[Send sample email](#)

ENS can also send text messages to your cellphone.  
See [this article](#) to find your address.

**2.5 Mod - SAN FRANCISCO BAY AREA**

**Parameters**

Magnitude	2.5 Mod
Date/Time	12 Jun 2009 17:18:55 UTC 12 Jun 2009 10:18:55 near apparent 12 Jun 2009 10:18:55 standard time
Location	37.822N 121.988W
Depth	7 km
Distances	1 km (1 mile) S (174 degrees) of D 2 km (1 mile) NE (81 degrees) of D 4 km (2 miles) WNW (282 degrees) of D 17 km (10 miles) SSE (762 degrees) of D 41 km (26 miles) E (92 degrees) of D
Location Uncertainty	Horizontal: 0.2 km; Vertical: 0.5 km
Parameters	Apk = 88; Dcm = 0.0 km; Rms = 0 Wkpe = 584; Version = 1
Event ID	NC 4529878

For updates, maps, and technical information, see:  
[Data Page](#)

(Sample ENS notification email)

You can customize ENS to only deliver messages at certain times, and to multiple addresses. ENS can even send text notifications to your cell phone. [More information](#)

[Try ENS](#)

[Ver un ejemplo](#)

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Depending on if they enter a regular email or a phone number, the sample email will be in HTML or short text.

The user click the Try ENS button and gets a div overlay (done with a jquery plugin called Thickbox).

# Proposed ENS Registration Changes

login.inc.php

The screenshot shows the USGS Earthquake Hazards Program website. The main navigation bar includes links for Home, Earthquake Center, Regional Information, About Earthquakes, Research & Monitoring, and Other Resources. The left sidebar lists various resources like Latest Earthquakes, EQ Notification Service, and Earthquake Archives. The main content area is titled 'Earthquake Notification Service' and describes the ENS as a free service that sends automated notification emails. A modal dialog box titled 'Try out ENS' is open, showing a sample email notification for a 2.5 Mcd earthquake in San Francisco Bay Area. The dialog box also displays a success message: 'Sample email sent to sdaugherty@usgs.gov successfully. Please check your email'. A 'Try ENS' button is visible below the dialog box. Red arrows point from the dialog box to the explanatory text blocks below.

USGS Home  
Contact USGS  
Search USGS

**Earthquake Hazards Program**

Home Earthquake Center Regional Information About Earthquakes Research & Monitoring Other Resources

You are here: [Home](#) » [Earthquake Center](#) » EQ Notification Service

**Earthquake Notification Service**

ENS is a free service that sends you automated notification emails when earthquakes happen in your area.

**Manage Your Account**

Try out ENS

CLOSE X

Sample email sent to sdaugherty@usgs.gov successfully.

Please check your email

2.5 Mcd - SAN FRANCISCO BAY AREA

Preliminary Earthquake Report

Magnitude: 2.5 Mcd

Date/Time: 12 Jun 2009 10:16:55 UTC  
12 Jun 2009 10:16:55 near epicenter  
12 Jun 2009 10:16:55 standard time

Location: 37.823N 121.888W

Depth: 7 km

Distance: 1 km (1 mile) S (174 degrees) of Da  
2 km (1 mile) NE (31 degrees) of Da  
4 km (2 miles) SE (262 degrees) of  
17 km (10 miles) SSE (192 degrees) of  
41 km (26 miles) E (82 degrees) of Da

Location (latitude/longitude): Horizontal: 0.2 km; Vertical: 0.5 km

Parameters: Rupt = 44; Dip = 0.0 km; Rupt = 0  
Wave = 0.0; Version = 1

Event ID: NC 43288075

For updates, maps, and additional information, visit:  
[Event Page](#)

(Sample ENS notification email)

You can customize ENS to only deliver me...  
times, and to multiple addresses. ENS can even send text notifications to your  
cell phone. [More information](#)

Try ENS

[Ver. ejemplo](#)

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The form is submitted with AJAX  
and the text is changed to a message  
saying the email was sent.

If the address entered was from a major  
email provider (yahoo, gmail, hotmail, aol),  
a link to the login of their email appears.

The dialog box will close automatically  
after 5 seconds



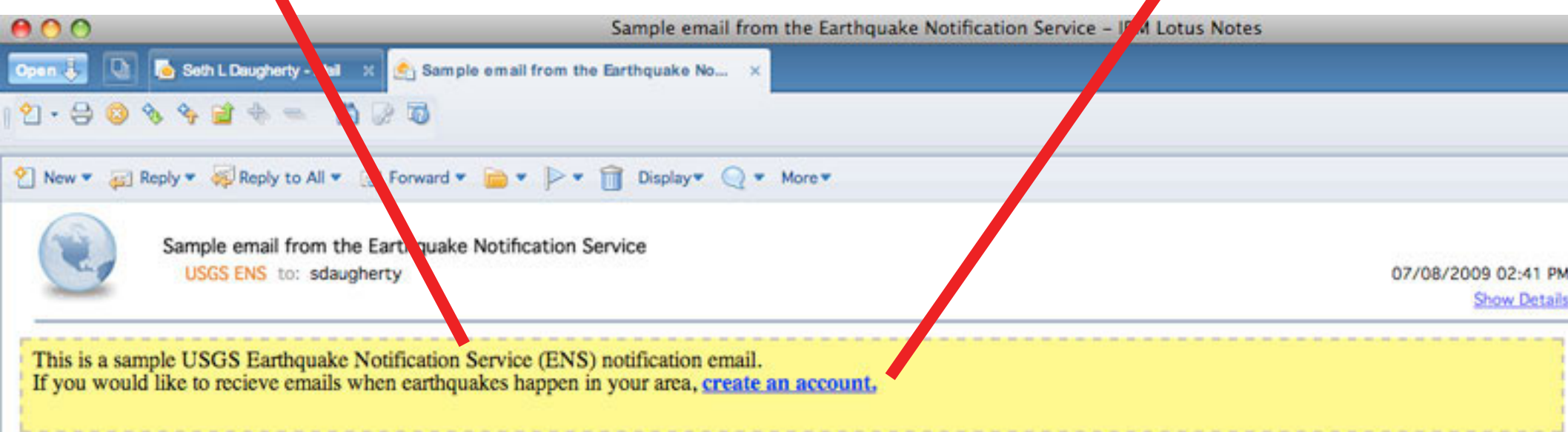
# Proposed ENS Registration Changes

## Sample Email

The sample email is a static HTML page of an old event (it certainly doesn't have to be Honduras).

A message at the top instructs the user to sign up if they like the sample

The create an account link passes the email and a hashed confirmation code to the register.inc.php page. (When ENS sent the sample email, it added a row to the mailconfirm table)



## 7.1 M - NORTH OF HONDURAS

### Preliminary Earthquake Report



<a href="#">Magnitude</a>	7.1 M
<a href="#">Date-Time</a>	28 May 2009 08:24:45 UTC 28 May 2009 03:24:45 near epicenter 28 May 2009 01:24:45 standard time in your timezone
<a href="#">Location</a>	16.783N 86.165W
<a href="#">Depth</a>	10 km
<a href="#">Distances</a>	63 km (39 miles) NE (37 degrees) of Roatán, Islas de la Bahía, Honduras 100 km (62 miles) NNW (347 degrees) of Trujillo, Colón, Honduras 127 km (79 miles) N (353 degrees) of Tocoa, Colón, Honduras 130 km (81 miles) NNE (31 degrees) of La Ceiba, Atántida, Honduras 284 km (177 miles) E (99 degrees) of BELMOPAN, Belize
<a href="#">Location Uncertainty</a>	Horizontal: 6.3 km; Vertical

# Proposed ENS Registration Changes

register.inc.php (after clicking link in sample email)

The email field is prepopulated with the user's address

All other account parameters are set to default values.  
We provide a link to account settings on the first login.

The screenshot shows the USGS Earthquake Hazards Program website. The main heading is "Subscribe to the Earthquake Notification Service". Below this, there is a "Create an account" form with the following fields: Email (prepopulated with sdaugherty@usgs.gov), Username, Password, and Retype Password. A "Subscribe" button is located below the form. A red arrow points from the text "The email field is prepopulated with the user's address" to the Email field. Another red arrow points from the text "All other account parameters are set to default values. We provide a link to account settings on the first login." to the form area. A third red arrow points from the text "When clicked, the disclaimer expands the form and displays at the bottom." to the link "Before clicking Subscribe, please read the disclaimer". The footer of the page includes links for "About Us", "Contact Us", "Site Map", and "Search", as well as "U.S. Department of the Interior" and "U.S. Geological Survey".

USGS Home  
Contact USGS  
Search USGS

Earthquake Hazards Program

Home Earthquake Center Regional Information About Earthquakes Research & Monitoring Other Resources

You are here: Home » Earthquake Center » EQ Notification Service

Latest Earthquakes

- USA
- World
- EQ Notification Service
- Feeds & Data
- Animations

Recent Earthquakes: Last 8-30 Days

Earthquake Archives

- Lists & Maps
- Search EQ Database
- EQ Summary Posters
- Scientific Data

About EQ Maps

Did You Feel It?

Fast Moment Tensors

Media Info

PAGER

Seismogram Displays

ShakeMaps

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Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

URL: <http://sslearthquake.usgs.gov/ensd/index.php?page=register>

Page Contact Information: [EHP Web Team](#)

Page Last Modified: July 03, 2008 20:51:17 UTC

USA.gov

TAKE PRIDE IN AMERICA

When clicked, the disclaimer expands the form and displays at the bottom.



# Proposed ENS Registration Changes

register.inc.php (after clicking link in sample email)

If the user enters a username that is already taken, they get an error message. The form waits 750ms after the user has stopped typing to check.

The screenshot shows the USGS Earthquake Hazards Program website. The main heading is "Subscribe to the Earthquake Notification Service". Below this, there is a "Create an account" form. The form contains the following fields and messages:

- Email:** sdaugherty@usgs.gov
- Username:** sdaugherty (with a red error icon)
- Password:** \*\*\*\*
- Retype Password:** \*\*\*\*\* (with a red error icon)

Red text messages indicate errors: "Passwords dont match" and "Passwords dont match". A red arrow points from the text "The form also checks if the two passwords are the same." to the "Retype Password" field. Another red arrow points from the text "If the user enters a username that is already taken, they get an error message. The form waits 750ms after the user has stopped typing to check." to the "Username" field.

Below the form is a "Subscribe" button and a link to "read the disclaimer". The footer includes the USGS logo, "U.S. Department of the Interior | U.S. Geological Survey", and various links like "About Us", "Contact Us", "Site Map", "Search", "Accessibility", "FOIA", "Privacy", and "Policies and Notices".

The form also checks if the two passwords are the same.

# Proposed ENS Registration Changes

userhome.inc.php

On the first login, the user gets a message about how to use ENS

The screenshot shows the USGS Earthquake Hazards Program website. The header includes the USGS logo and navigation links. The main content area displays a welcome message for user 'seth6!' and a table of default notification profiles. A red arrow points from the text 'On the first login, the user gets a message about how to use ENS' to the welcome message. Another red arrow points from the text 'The user is still automatically set up with the 2 default profiles (World and United States)' to the 'Default World' profile in the table.

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**USGS Home**  
[Contact USGS](#)  
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## Earthquake Hazards Program

[Home](#) [Earthquake Center](#) [Regional Information](#) [About Earthquakes](#) [Research & Monitoring](#) [Other Resources](#)

You are here: [Home](#) » [Earthquake Center](#) » EQ Notification Service

### My ENS Profiles

[Add New Profile](#)

- [Predefined Profile](#)
- [Rectangle Profile](#)
- [Circle Profile](#)
- [Polygon Profile](#)

**My Addresses:**

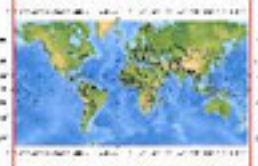
- [Register/Confirm/Change Address](#)
- [sdaugherty@usgs.gov](#)
- [Edit My Account](#)
- [Change Password](#)
- [Unsubscribe](#)
- [Recent Events Sent to Me](#)
- [Map of Recent Events](#)
- [Documentation](#)

[Logout](#)

**Welcome seth6!**

Welcome to the Earthquake Notification Service (ENS). **Some default notification profiles** have been defined for you below, which you can edit or delete. You can also create your own additional custom notification profiles using the buttons on the left.

Note that you are signing up for an *automated* service. If you employ any type of **spam-blocker** on your email account, you are responsible for allowing the ENS mail address to send to you. Mail is sent from the address 'ens@usgs.gov'. Also, do not allow your account to auto-reply to ENS mail if you are on vacation. Failure to do so may result in your ENS account being disabled or deleted.

Default World (Predefined Region)	
 <a href="#">View with Google Maps</a>	<b>Geographic Bounds:</b> rectangle
	<b>South Latitude:</b> -90.000
	<b>North Latitude:</b> 90.000
	<b>East Longitude:</b> 180.000
	<b>West Longitude:</b> -180.000
	<b>Day Mag:</b> 6.000
	<b>Night Mag:</b> 6.500
	<b>Address 1:</b> sdaugherty@usgs.gov (HTML) -All Times-
<a href="#">DELETE PROFILE</a> <a href="#">EDIT PROFILE</a>	

The user is still automatically set up with the 2 default profiles (World and United States)



# Proposed ENS Registration Changes

register.inc.php (Direct signup method)

Registration form is the same, except that the email field isn't prepopulated

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**Earthquake Hazards Program**

Home | Earthquake Center | Regional Information | About Earthquakes | Research & Monitoring | Other Resources

You are here: [Home](#) » [Earthquake Center](#) » EQ Notification Service

**Subscribe to the Earthquake Notification Service**

Para suscribir en Español, [marque aquí](#).

**Create an account**

Email

Username  ✓

Password

Retype Password  ✓

**Subscribe**

Before clicking Subscribe, please [read the disclaimer](#)

**Disclaimer**  
The events which have been located by the USGS and contributing agencies should not be considered to be a complete list of ALL events M2.5+ in the US and adjacent areas and especially should not be considered to be complete lists of ALL events M4.0+ in the World. The World Data Center for Seismology, Denver (a part of the USGS National Earthquake Information Center) continues to receive data from observatories throughout the world for several months after the events occurred, and using those data, adds new events and revises existing events in later publications. For a description of these later publications and the data available, see [Scientific Data](#).

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The disclaimer expands the form when the user clicks "read the disclaimer".

# Proposed ENS Registration Changes

regaddr.inc.php (after clicking “Sign up for ENS”)

The user has signed up without using the sample email. In this case, we need to confirm that they actually own their email address, so we need to have them enter a confirmation code from the confirmation email.

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**Earthquake Hazards Program**

USGS Home  
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Search USGS

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Latest Earthquakes

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Recent Earthquakes: Last 8-30 Days

Earthquake Archives

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Did You Feel It?

Fast Moment Tensors

Media Info

PAGER

Seismogram Displays

ShakeMaps

**Register a New Email Address**

Confirmation email sent to **sdaugherty@usgs.gov!**

You have addresses waiting to be confirmed!

Confirm the address **sdaugherty@usgs.gov** by entering the **confirmation number** here:

**Enter Your Address (one address only)**

**Replaces:**

**Day Begins:**

**Day Ends:**

**Message Format:**

- ☒ HTML Format
- ☐ Regular Email
- ☐ Pager/Cell Phone
- ☐ Raw CUBE Format

**A confirmation number** will be sent to the address you entered. Please save this number to enter on the next page. There may be a short delay for pager/cell mail.

**NOTE:** If you have any sort of spam-blocker, you are responsible for configuring it to allow mail from 'ens@usgs.gov'. If you do not do this, you will be unable to use this service.

To find your address for messaging to cell phones, see <http://www.lifehacker.com/software/cell-phones/send-sms-from-email-127033.php>

The register address page still gives the option to register a second address. For users registering for the first time, this should probably go away, leaving only the “enter your confirmation number” part of this page.



# Proposed ENS Registration Changes

userhome.inc.php

On the first login, the user gets a message about how to use ENS

The screenshot displays the USGS Earthquake Hazards Program website. The header includes the USGS logo and navigation links. The main content area shows a welcome message to 'seth6!' and a table of default notification profiles. A red arrow points from the text 'On the first login, the user gets a message about how to use ENS' to the welcome message. Another red arrow points from the text 'The user is still automatically set up with the 2 default profiles (World and United States)' to the 'Default World' profile table.

**USGS**  
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**USGS Home**  
[Contact USGS](#)  
[Search USGS](#)

## Earthquake Hazards Program

[Home](#) [Earthquake Center](#) [Regional Information](#) [About Earthquakes](#) [Research & Monitoring](#) [Other Resources](#)

You are here: [Home](#) » [Earthquake Center](#) » EQ Notification Service

### My ENS Profiles

[Add New Profile](#)

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- [Circle Profile](#)
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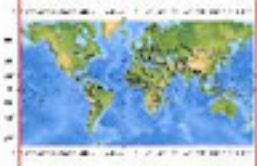
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- sdaugherty@usgs.gov
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[Logout](#)

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Default World (Predefined Region)	
 <a href="#">View with Google Maps</a>	<b>Geographic Bounds:</b> rectangle
	<b>South Latitude:</b> -90.000
	<b>North Latitude:</b> 90.000
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	<b>Address 1:</b> sdaugherty@usgs.gov (HTML) -All Times-
<a href="#">DELETE PROFILE</a> <a href="#">EDIT PROFILE</a>	

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