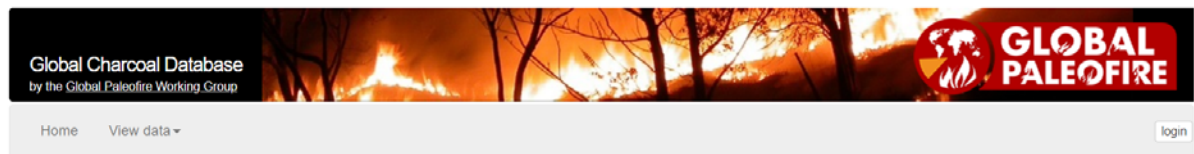




1. **Welcome to the Global Charcoal Database (GCD).** In order to contribute data, you need to have an user account. To create an account and upload data please navigate to: <https://www.paleofire.org/index.php>

2. **Log In:** Click on the Log-In Tab



## Welcome to the Global Charcoal Database

The aim of the **Global Charcoal Database (GCD)** is to provide the scientific community with a global paleofire dataset for research and archiving sedimentary records of fire. The GCD is managed by the **Global Paleofire Working Group – GPWG**.

The GCD is funded and support by: the **PAGES** initiative and the project OREAS by Région Franche-Comté in France via the **Chrono-environnement laboratory**.

The science emerging from the **GPWG** is mainly:

- the creation of a **public-access database** and an international research community with multiple-authored papers describing observed spatiotemporal changes in fire at global and regional scales (e.g. time series and maps).

- **Global and regional syntheses** which enable the examination of broad-scale patterns in paleofire activity, creating a framework for exploring the **linkages among fire, Human, climate and vegetation** at centennial-to-multi-millennial time scales and allowing for **evaluation of fire model simulations** at regional to global scales.



3. **Register for a new account:** (an email confirmation will be sent automatically). If you do not receive in email, check your Spam folder.

Global Charcoal Database  
by the Global Paleofire Working Group

Home View data login

**Log in**

Login

Password

Submit

**Register**

Email

Register

**Recover password**

Email

Recover

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4. **Log In:** Once you have created an account, return to the log-in page and enter your account information. Click Log-In.

5. **Adding Information:** Once you have logged in you will be able to edit your personal information, download data, and upload new charcoal records to the database.

## Welcome to the Global Charcoal Database

The aim of the **Global Charcoal Database (GCD)** is to provide the scientific community with a global paleofire dataset for research and archiving sedimentary records of fire. The GCD is managed by the **Global Paleofire Working Group – GPWG**.

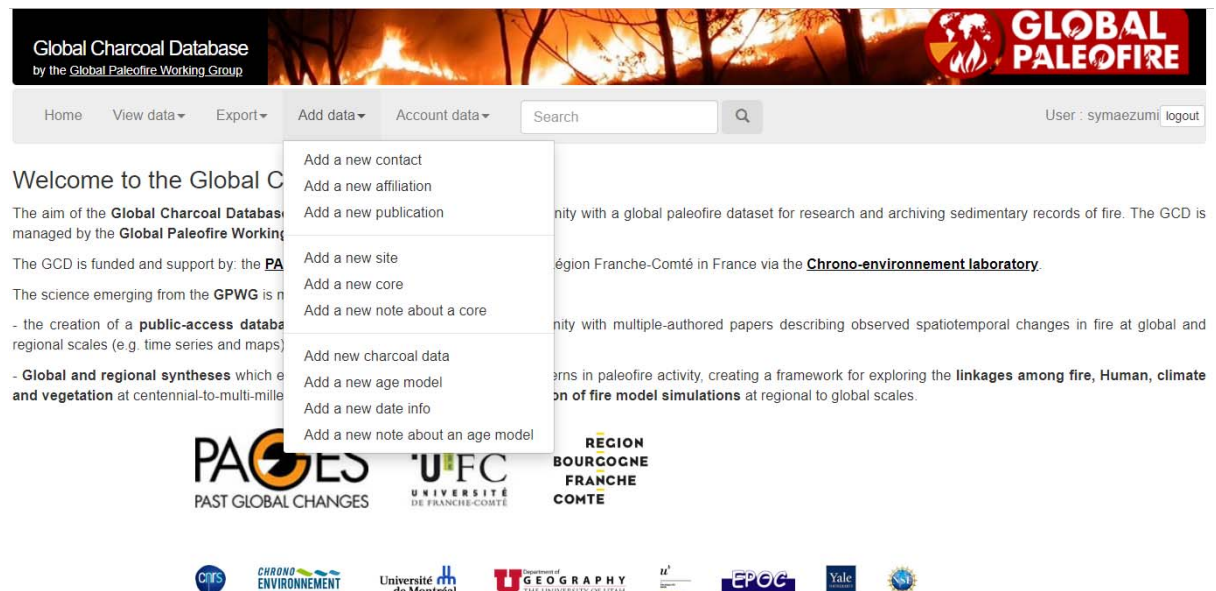
The GCD is funded and support by: the **PAGES** initiative and the project OREAS by Région Franche-Comté in France via the **Chrono-environnement laboratory**.

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6. **Add Data:** In order to add new data you must first create the background information for the record including author, affiliation, publication, and site information. **Note:** You will not be able to upload new data until these fields are complete.



7. **New Contact:** Enter your affiliation, information, and email in the drop-down menus provided. **Note:** We will only contact you about GCD related issues. Click **Add**.

A screenshot of the 'Add a new contact' form on the Global Charcoal Database website. The form is titled 'Add a new contact' and has a subtitle 'Affiliation'. It contains a dropdown menu for 'Affiliation\*' with a 'Select' option. Below this is a section titled 'Contact' with three input fields: 'Lastname\*', 'Firstname\*', and 'Email\*'. At the bottom of the form are two buttons: 'Add' and 'Cancel'. The footer of the page states 'All Rights Reserved (2015-2017). | Contact : paleofire@gmail.com | Terms of use'.

8. **New Affiliation:** If your affiliation is not listed in the drop-down menu, it can be added in the new affiliation tab located in the Add data drop-down menu. Click **Add**.

The screenshot shows the 'Add a new affiliation' form in the Global Charcoal Database. The header includes the database name, a search bar, and user information. The form fields are: Affiliation name\*, Address, Address 2, City\*, State, State code, and Country\* (a dropdown menu). At the bottom are 'Add' and 'Cancel' buttons. The footer contains copyright and contact information.

Global Charcoal Database  
by the Global Paleofire Working Group

Home View data Export Add data Account data Search User : symaezumi logout

Add a new affiliation

Affiliation

Affiliation name\*  
Address  
Address 2  
City\*  
State  
State code  
Country\* Select

Add Cancel

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9. **Add Publication:** You can add the publication information associated with the record. You can either fill in the information manually or simply copy and paste the DOI and it will automatically generate the publication information. Click **Add**.

The screenshot shows the 'Add a new publication' form in the Global Charcoal Database. The header is identical to the previous form. The form fields are: Citation\*, Link, and DOI (Digital Object Identifier). At the bottom are 'Add' and 'Cancel' buttons. The footer contains copyright and contact information.

Global Charcoal Database  
by the Global Paleofire Working Group

Home View data Export Add data Account data Search User : symaezumi logout

Add a new publication

Publication


Citation\*  
Link  
DOI (Digital Object Identifier)

Add Cancel

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**10. Add a new site:** Enter the site name. To add the site location you can use the interactive map. Clicking on the desired location will automatically country and regional information. You can use the tick box to identify if it is a Marine site. You can also add additional information about the Geomorphology and Environment of the site using the drop-down menus provided. Click **Add**.

Global Charcoal Database  
by the Global Paleofire Working Group



Home View data ▾ Export ▾ Add data ▾ Account data ▾

Search

User : symaezumij logout


Add a new site

Site name\*

Select a country

Map

Satellite



Country

Algeria ▾

Country region

Northern Africa

Marine Site

☐

Site geomorphology

Select ▾

New site geomorphology

☐

Size of the site

Select ▾

Size value

Catchment size

Select ▾

Catchment size value

Inflow/Outflow

Select ▾

Potential Biome type

Select ▾

Land description

Select ▾

New land

☐

Local vegetation

Select ▾

New local vegetation

☐

Regional vegetation

Select ▾

New regional vegetation

☐


Add

Cancel

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- 11. Add a new core:** Using the drop-down menu select the new site. The map will automatically navigate you to the site location region. You can use the Zoom in (+) and out (-) buttons on the map to find your site location. By clicking on the map Latitude and Longitude data will automatically be generated. Additional core information can be added in the boxes provided. Click **Add**. **Note:** Multiple cores can be added per site by repeating this step.

Global Charcoal Database  
by the Global Paleofire Working Group



[Home](#) [View data](#) [Export](#) [Add data](#) [Account data](#)  [User : symaszumi](#) [logout](#)

Add a new core

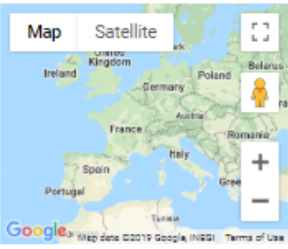
Site

Site name\*  

Select

Core

Core name\*  
unknown\_core\_name

Specify location  


Latitude\*

Longitude\*

Elevation (m)

Water Depth (m)

Coring date (MM/YYYY)

Core type  
Select

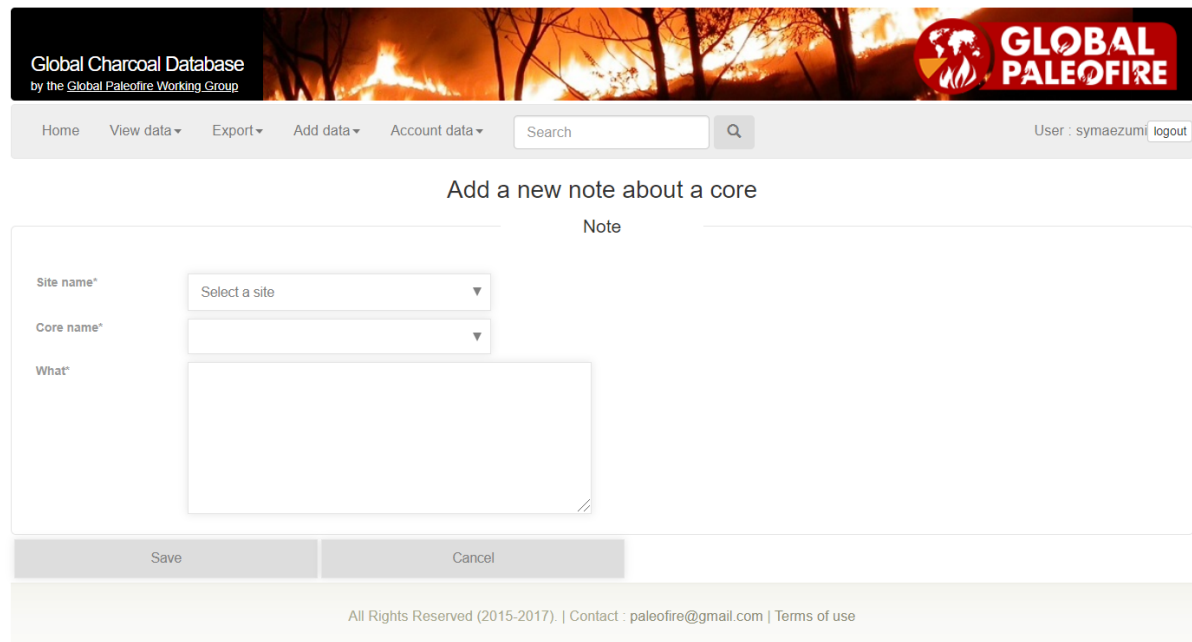
Depositional context  
Select

Add

Cancel

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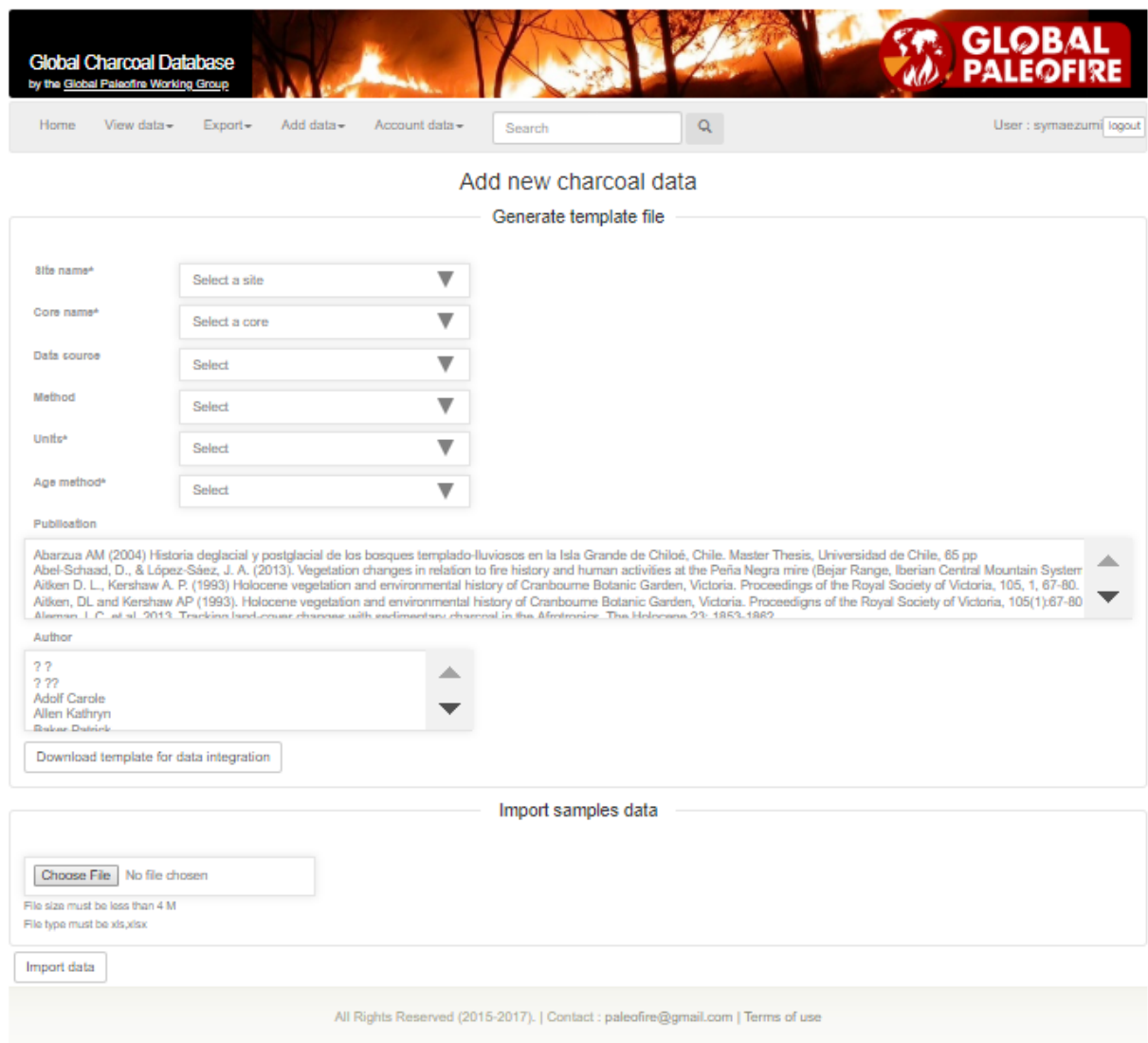
**12. Add a new note about the core:** You can add any additional information about the core record using the drop-down menus and text box provided. Click **Add**.



The screenshot shows the 'Global Charcoal Database' interface. The header features a banner with a fire scene and the text 'Global Charcoal Database by the Global Paleofire Working Group' and 'GLOBAL PALEOFIRE'. Below the banner is a navigation bar with links: Home, View data, Export, Add data, Account data, a search bar, and a user profile 'User : symaezumi' with a 'logout' button. The main content area is titled 'Add a new note about a core'. It contains a form with three fields: 'Site name\*' with a dropdown menu showing 'Select a site', 'Core name\*' with a dropdown menu, and 'What\*' with a large text area. To the right of these fields is a large text area labeled 'Note'. At the bottom of the form are 'Save' and 'Cancel' buttons. The footer contains the text: 'All Rights Reserved (2015-2017). | Contact : paleofire@gmail.com | Terms of use'.



**13. Add new Charcoal Data:** Once you have completing the metadata information in the steps above you will be able to upload new charcoal data using the drop-down menus. Using the scrolling arrows on the right you can select the publication and author information associated with your charcoal data. **Note:** A GCD charcoal template is provided. Click on the **Download template for data integration tab**.



The screenshot shows the 'Add new charcoal data' interface of the Global Charcoal Database. The header includes the site logo, navigation links (Home, View data, Export, Add data, Account data), a search bar, and a user login (User: symaeszumi | logout). The main form is titled 'Add new charcoal data' and contains two sections: 'Generate template file' and 'Import samples data'.

**Generate template file section:**

- Site name\***: Select a site (dropdown menu)
- Core name\***: Select a core (dropdown menu)
- Data source**: Select (dropdown menu)
- Method**: Select (dropdown menu)
- Units\***: Select (dropdown menu)
- Age method\***: Select (dropdown menu)
- Publication**: A list of publications with scrolling arrows on the right. Visible entries include:
  - Abarzua AM (2004) Historia deglacial y postglacial de los bosques templado-lluviosos en la Isla Grande de Chiloé, Chile. Master Thesis, Universidad de Chile, 65 pp
  - Abel-Schaad, D., & López-Sáez, J. A. (2013). Vegetation changes in relation to fire history and human activities at the Peña Negra mire (Bejar Range, Iberian Central Mountain System)
  - Aitken D. L., Kershaw A. P. (1993) Holocene vegetation and environmental history of Cranbourne Botanic Garden, Victoria. Proceedings of the Royal Society of Victoria, 105, 1, 67-80.
  - Aitken, DL and Kershaw AP (1993). Holocene vegetation and environmental history of Cranbourne Botanic Garden, Victoria. Proceedings of the Royal Society of Victoria, 105(1):67-80
  - Alexander, J. C., et al. 2013. Tracking land-cover change with sedimentary charcoal in the Afrotropics. The Holocene, 23: 1853-1862.
- Author**: A list of authors with scrolling arrows on the right. Visible entries include:
  - ??
  - ???
  - Adolf Carole
  - Allen Kathryn
  - Baker, Deborah
- Download template for data integration**: A button to download the template file.

**Import samples data section:**

- Choose File**: A button to select a file for upload. The status below it says 'No file chosen'.
- File size must be less than 4 M**: A note indicating the maximum file size.
- File type must be xls,xlsx**: A note indicating the allowed file formats.
- Import data**: A button to import the data from the uploaded file.

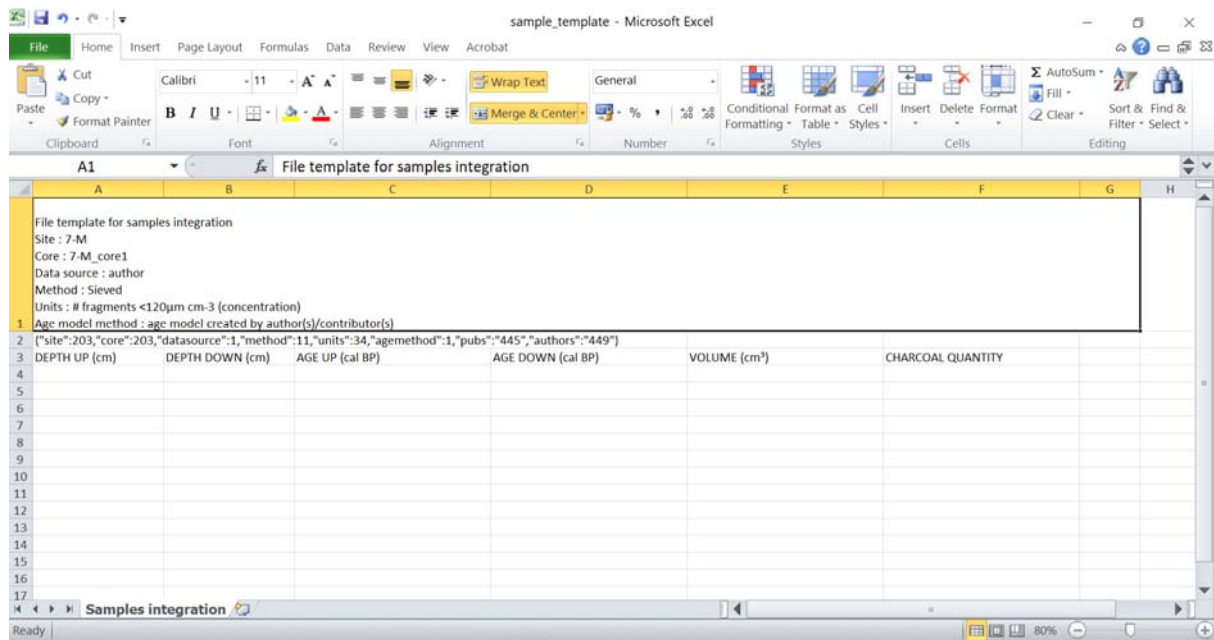
The footer of the page contains the text: 'All Rights Reserved (2015-2017). | Contact : paleofire@gmail.com | Terms of use'.



**14. GCD Template in Excel:** The site name and core information will be automatically generated in the Excel Template. To facilitate database integration: please do not edit row 1 to 3.

- a.** You can copy and paste data directly into the excel file starting in row 4.

**Note:** Make sure to save this completed file locally to your computer.



**15. Upload new charcoal data:** Once you have completed and saved your Excel file, it can be uploaded to the charcoal database. Return to the Add new charcoal data webpage and click **Choose File**. Navigate to the excel file you just saved and click **Import Data**.

Global Charcoal Database  
by the Global Paleofire Working Group

Home View data ▾ Export ▾ Add data ▾ Account data ▾ Search User : symaeszumi logout

### Add new charcoal data

Generate template file

Site name\*
Select a site ▾

Core name\*
Select a core ▾

Data source
Select ▾

Method
Select ▾

Units\*
Select ▾

Age method\*
Select ▾

Publication

Abarzua AM (2004) Historia deglacial y postglacial de los bosques templado-lluviosos en la Isla Grande de Chiloé, Chile. Master Thesis, Universidad de Chile, 65 pp  
Abel-Schaad, D., & López-Sáez, J. A. (2013). Vegetation changes in relation to fire history and human activities at the Peña Negra mire (Bejar Range, Iberian Central Mountain System).  
Aiken D. L., Kershaw A. P. (1993) Holocene vegetation and environmental history of Cranbourne Botanic Garden, Victoria. Proceedings of the Royal Society of Victoria, 105, 1, 67-80.  
Aiken, DL and Kershaw AP (1993). Holocene vegetation and environmental history of Cranbourne Botanic Garden, Victoria. Proceedings of the Royal Society of Victoria, 105(1):67-80  
Aleman, J. C., et al., 2013. Tracking land-cover changes with sedimentary charcoal in the Amazonian Tuxá. Holocene 23: 1853-1862

Author

??  
??  
Adolf Carole  
Allen Kathryn  
Baker Deborah

Download template for data integration

Import samples data

Choose File No file chosen

File size must be less than 4 M  
File type must be xls,xlsx

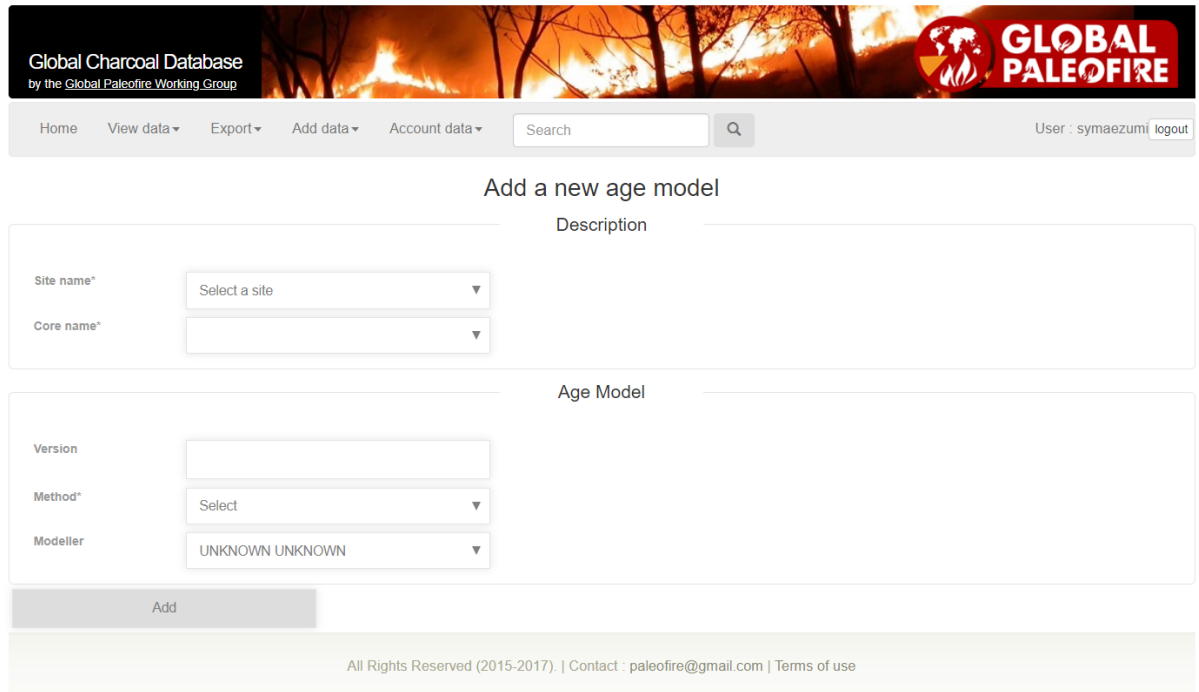
Import data

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Global Charcoal Database Tutorial

10

**16. Add new age model:** Age model information can be added using the drop-down menu tabs provided.



The screenshot shows the 'Global Charcoal Database' interface. The header features the database name, a navigation menu with 'Home', 'View data', 'Export', 'Add data', and 'Account data', a search bar, and a user login 'User : symaezumí logout'. The main heading is 'Add a new age model'. The form is divided into two sections: 'Description' and 'Age Model'. The 'Description' section contains 'Site name\*' with a dropdown menu showing 'Select a site' and 'Core name\*' with a dropdown menu. The 'Age Model' section contains 'Version' with a text input, 'Method\*' with a dropdown menu showing 'Select', and 'Modeller' with a dropdown menu showing 'UNKNOWN UNKNOWN'. An 'Add' button is located below the 'Age Model' section. The footer contains the text 'All Rights Reserved (2015-2017) | Contact : paleofire@gmail.com | Terms of use'.

Global Charcoal Database  
by the Global Paleofire Working Group

Home View data Export Add data Account data Search User : symaezumí logout

### Add a new age model

Description

Site name\* Select a site

Core name\*

Age Model

Version

Method\* Select


Modeller UNKNOWN UNKNOWN

Add

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- 17. Add new Date info:** Additional Age-Depth model information can be added using the drop-down tabs and text boxes provided.

Global Charcoal Database  
by the Global Paleofire Working Group



HomeView data▼Export▼Add data▼Account data▼QUser : symaeszumi | [logout](#)

Add a new date info

Description

Site name\*

Select a site▼

Core name\*

▼

Age Model

▼

Depth

Depth value\*

Depth type\*

Select▼

Age

Age value\*

Positive error

Negative error

Age units

Select▼

Calibration method

Select▼

Calibration version

Select▼

Date info

Lab number

Date type\*

Select▼

Material dated

Select▼

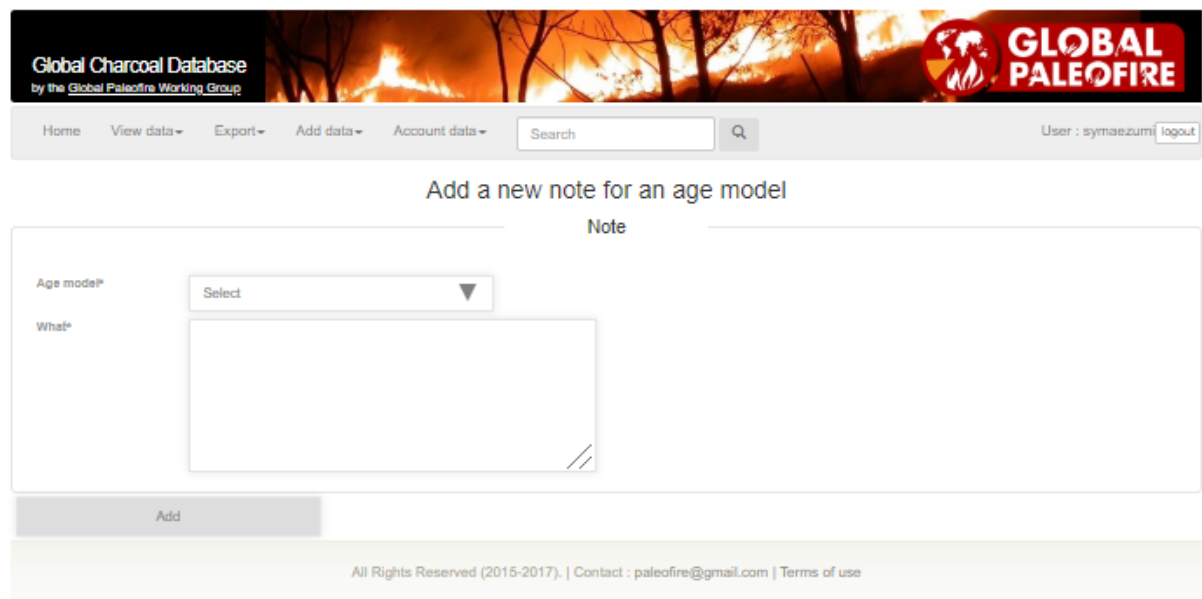
Comment

Select▼

Add

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**18. Add new note for age model:** If additional age-model information is needed you can use the dropdown menu and text box provided.



The screenshot shows the 'Global Charcoal Database' interface. At the top is a banner with a fire scene and the text 'Global Charcoal Database by the Global Paleofire Working Group' and 'GLOBAL PALEOFIRE'. Below the banner is a navigation bar with links: Home, View data, Export, Add data, Account data, a search box, and a user login 'User : symaezum | logout'. The main heading is 'Add a new note for an age model'. The form is titled 'Note' and contains two fields: 'Age model\*' with a dropdown menu showing 'Select' and a downward arrow, and 'What\*' with a large text area. Below these fields is an 'Add' button. At the bottom of the page, a footer contains the text: 'All Rights Reserved (2015-2017). | Contact : paleofire@gmail.com | Terms of use'.

**Thank you for your contribution to the Global Charcoal Database! For further questions please contact: [paleofire@gmail.com](mailto:paleofire@gmail.com)**