

Plataformas SEPAL y GEE en el contexto de REDD+

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ONU-REDD/FAO

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Organización de las Naciones Unidas
para la Alimentación y la Agricultura

① REDD+



Organización de las Naciones Unidas
para la Alimentación y la Agricultura

- ① REDD+
- ② UNFCCC

- ① Análisis de factores que impulsan la deforestación y degradación de bosques



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para la Alimentación y la Agricultura

- ① REDD+
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- ① Análisis de factores que impulsan la deforestación y degradación de bosques
- ② Desarrollo de la estrategia REDD+



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- ④ El diseño interconectado de procesos de medición, reporte, y verificación (MRV).



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 - ④ El diseño interconectado de procesos de medición, reporte, y verificación (MRV).
- ③ Monitoreo y Medición: Datos de Actividad y Factores de Emisión



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- ⑥ El diseño interconectado de procesos de medición, reporte, y verificación (MRV).
- ⑦ Monitoreo y Medición: Datos de Actividad y Factores de Emisión
- ⑧ Monitoreo de Deforestación y Mapa BNB



Organización de las Naciones Unidas
para la Alimentación y la Agricultura

Contexto del Monitoreo Satelital en REDD+

① Datos de Actividad, Factores de Emisión



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para la Alimentación y la Agricultura

Contexto del Monitoreo Satelital en REDD+

- ① Datos de Actividad, Factores de Emisión
- ② AFOLU



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para la Alimentación y la Agricultura

Contexto del Monitoreo Satelital en REDD+

- ① Datos de Actividad, Factores de Emisión
- ② AFOLU
- ③ Automatización



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para la Alimentación y la Agricultura

Contexto del Monitoreo Satelital en REDD+

- ① Datos de Actividad, Factores de Emisión
- ② AFOLU
- ③ Automatización
- ④ Confiabilidad y Factibilidad



Organización de las Naciones Unidas
para la Alimentación y la Agricultura

GEE

Google Earth Engine combina un catálogo *multi-petabyte* de imágenes satelitales y datos geoespaciales con capacidades de análisis a escala planetaria, y está a disposición de científicos, investigadores, y desarrolladores, para detectar cambios, elaborar mapas de tendencias, y cuantificar cambios sobre la superficie de la Tierra. ([GEE Website](#))



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Meet Earth Engine



para la Alimentación y la Agricultura



SEPAL

System for Earth Observation Data Access, Processing & Analysis
for Land Monitoring



Organización de las Naciones Unidas
para la Alimentación y la Agricultura

The screenshot shows a web browser window with the URL <https://sepal.io> in the address bar. The page has a dark background featuring a person in a hooded jacket standing in a field. On the left side, there are four circular icons with text descriptions: "SEARCH GEO DATA" (Fast and easy access to scenes and mosaics), "BROWSE YOUR DATA" (Preview and download your products), "PROCESS YOUR DATA" (Easy-to-use data processing Apps), and "TERMINAL" (Powerful command-line tools for data processing). On the right side, there is a login form with "USERNAME" input containing "munoz", a "PASSWORD" input containing "*****", and a "LOGIN" button. Below the password input is a "Forgot password?" link. At the bottom of the page, there is a footer with the text "para la Alimentación y la Agricultura" and the FAO logo.

System for earth observations, data access, processing & analysis for land monitoring

SEARCH GEO DATA

Fast and easy access to scenes and mosaics

BROWSE YOUR DATA

Preview and download your products

PROCESS YOUR DATA

Easy-to-use data processing Apps

TERMINAL

Powerful command-line tools for data processing

SEPAL

USERNAME

munoz

PASSWORD

LOGIN

Forgot password?

para la Alimentación y la Agricultura

The screenshot shows a web browser window with the URL <https://sepal.io>. The main content area features a dark world map background. Overlaid on this are four large, semi-transparent overlapping circles. The top-left circle is light brown and contains a globe icon with the word "SEARCH" below it. The top-right circle is light gray and contains a folder icon with the word "BROWSE" below it. The bottom-left circle is dark purple and contains a wrench icon with the word "PROCESS" below it. The bottom-right circle is blue and contains a terminal window icon with the word "TERMINAL" below it. At the bottom of the screen, there is a dark footer bar with various icons and text. On the left, there's a small logo and some icons. In the center, the word "SEPAL" is written in a white, sans-serif font. To the right of "SEPAL", there are two small circular icons with the letters "IATI" and "PAR". Further to the right, there are icons for a user profile ("\$ 0/h" and "MUNDOZ"), a logout button ("LOGOUT"), and other system controls like a search bar and a refresh button. The bottom right corner has a series of small navigation icons.

SEPAL-Search

The screenshot shows a web browser window with the URL <https://sepal.io>. The main content area features a dark world map background. Overlaid on this are four large, semi-transparent overlapping circles. The top-left circle is light brown and contains a globe icon with the word "SEARCH" below it. The top-right circle is light gray and contains a folder icon with the word "BROWSE" below it. The bottom-left circle is dark purple and contains a wrench icon with the word "PROCESS" below it. The bottom-right circle is blue and contains a terminal window icon with the word "TERMINAL" below it. At the bottom of the screen, there is a navigation bar with various icons and text, including "SEPAL", "\$ 0/h", "MUNDOZ", "LOGOUT", and the logo of the United Nations Food and Agriculture Organization (FAO). The taskbar at the very bottom shows several pinned application icons.

SEPAL-Search

The screenshot shows the SEPAL-Search interface. At the top, there is a search bar labeled "Select a country" with a placeholder "Search". Below it, there are two options: "DRAW A POLYGON" and "DRAW A CIRCLE". A "TARGET DATE" section is present, showing a date input field with "2017 / 03 / 21" and three dropdown menus for "Year" (with values 70, 80, 90, 00, 10, 11, 12, 13, 14, 15, 16, 17), "Month" (with values JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC), and "Day" (with values 1, 10, 20, 30, 21, 22, 23, 24, 25, 26, 27, 28, 29). A "SEARCH" button is located at the bottom of the date section. On the left side, there is a vertical sidebar with five icons: a magnifying glass, a folder, a key, and a right-pointing arrow. The main background is a world map. At the bottom, there is a navigation bar with icons for file operations (New, Open, Save, Print, Copy, Paste, Find, Refresh) and a footer with the text "para la Alimentación y la Agricultura".

Secure | https://sepal.io

AREA OF INTEREST Guatemala OR DRAW A POLYGON

TARGET DATE 2017 / 03 / 21

Year 70 80 90 00 10 11 12 13 14 15 16 17

Month JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Day 1 10 20 30 21 22 23 24 25 26 27 28 29

SEARCH

SEPAL \$ 0/h MUNOZ LOGOUT

para la Alimentación y la Agricultura

SEPAL-Search

The screenshot shows the SEPAL-Search web application interface. At the top, there are two main tabs: "SCENES" and "MOSAIC". Below these tabs is a toolbar with four buttons: "AUTO-SELECT" (with a checkmark icon), "RETRIEVE", "PREVIEW" (with a camera icon), and "RETRIEVE". To the left of the map, there is a vertical sidebar with four icons: a magnifying glass (Search), a folder (Data Catalog), a key (Security), and a right-pointing arrow (Logout).

The central part of the interface is a map of South America. Overlaid on the map are several circular markers, each containing a small number "0", indicating that no data is available for those specific locations.

At the bottom of the interface, there is a footer bar with the SEPAL logo, a progress bar showing "0/0", the user name "MUNOZ", and a "LOGOUT" button. The bottom right corner also features a navigation bar with icons for back, forward, search, and other functions.

SEPAL-Search

The screenshot shows the SEPAL-Search interface. At the top, there are two tabs: "SCENES" and "MOSAIC". Below the tabs are four buttons: "AUTO-SELECT" (with a checkmark icon), "RETRIEVE", "PREVIEW", and another "RETRIEVE". A progress bar indicates "50%" completion. Under the "LANDSAT" section, there are five buttons: "L8", "L7 SLC-OFF", "L7 SLC-ON" (which is highlighted), "L4-5 TM", and "L1-5 MSS". Below this is a date selector showing "2017" with a minus sign, a plus sign, and a "Min" button. A value "1" is selected. To the right is a "Max" button. At the bottom center is a "SUBMIT" button with a satellite icon. The footer features the "SEPAL" logo and navigation icons for "Logout" and "MUNDOZ". The taskbar at the bottom shows various application icons.



para la Alimentación y la Agricultura

SEPAL-Search

The screenshot shows the SEPAL-Search web application interface. At the top, there are two tabs: "SCENES" and "MOSAIC". Below these are four buttons: "AUTO-SELECT" (with a checkmark icon), "RETRIEVE", "PREVIEW", and another "RETRIEVE". A horizontal slider is set at 50% with a cloud icon. Below the slider, under the "LANDSAT" section, are buttons for "L8", "L7 SLC-OFF", "L7 SLC-ON", "L4-5 TM", and "L1-5 MSS". A date range selector shows "2017" between a minus sign and a plus sign. Below the date range are "Min" and "Max" fields, with "23" in the Min field. A "SUBMIT" button is located below the date range. In the bottom right corner, there are two circular buttons with the numbers "0" and "0". The bottom navigation bar includes icons for file operations (New, Open, Save, Print, Find, Copy, Paste, Undo, Redo) and a "Logout" link. The footer features the "SEPAL" logo and the text "para la Alimentación y la Agricultura".



para la Alimentación y la Agricultura

SEPAL-Search

The screenshot shows the SEPAL-Search interface. At the top, there are two tabs: "SCENES" and "MOSAIC". Below these are two main sections: "AUTO-SELECT" and "RETRIEVE". Under "AUTO-SELECT", there is a progress bar from 10% to 90%. Under "RETRIEVE", there is another progress bar from 0% to 100%. Below the progress bars are buttons for "LANDSAT" (with options L8, L7 SLC-OFF, L7 SLC-ON, L4-5 TM, L1-5 MSS), a date selector set to 2017, and a value selector set to 23. A "SUBMIT" button is located at the bottom of this section. The background features a map of a coastal area. At the bottom of the screen, there is a toolbar with various icons and a status bar showing "\$ 0/h", "MUNOZ", and "LOGOUT".



para la Alimentación y la Agricultura

SEPAL-Search

The screenshot shows the SEPAL-Search web application interface. At the top, there are two main tabs: "SCENES" and "MOSAIC". Below these tabs are four buttons: "AUTO-SELECT" (with a checkmark icon), "RETRIEVE" (with a cloud icon), "PREVIEW" (with an eye icon), and another "RETRIEVE" button. On the left side, there is a vertical sidebar with four icons: a magnifying glass, a folder, a key, and a right-pointing arrow. The main area features a grayscale map of South America with several green circles overlaid, each containing a number: 9, 7, 6, 6, 5, 9, 9, 9, 8, 0, and 8. At the bottom of the screen, there is a footer bar with the SEPAL logo, a progress indicator showing "\$ 0/h", user information ("MUNOZ"), and a "LOGOUT" button. The taskbar at the very bottom displays various system icons.

SEPAL-Search

The screenshot shows the SEPAL-Search web application interface. At the top, there are two main tabs: "SCENES" and "MOSAIC". Below the tabs, there are two buttons: "AUTO-SELECT" and "RETRIEVE" under the SCENES tab, and "PREVIEW" and "RETRIEVE" under the MOSAIC tab. A sidebar on the left contains icons for LANDSAT, Select a band, Preview, and other tools. The main area features a map of South America with several circular overlays containing numbers: 9, 9, 5, 6, 9, 9, 8, 0, and 8. At the bottom, there is a footer with the SEPAL logo, a progress bar showing \$0/h, and a user account section for MUNOZ.

SEENES L

MOSAIC L

AUTO-SELECT

RETRIEVE

PREVIEW

RETRIEVE

LANDSAT

Select a band

PREVIEW

9

9

5

6

9

9

8

0

8

S E P A L

\$ 0/h MUNOZ LOGOUT

para la Alimentación y la Agricultura

SEPAL-Search

Secure | https://sepal.io

SCENES MOSAIC

AUTO-SELECT RETRIEVE PREVIEW RETRIEVE

LANDSAT False color(NIR, SWIR 1, Red)

PREVIEW

9 9 5 6
9 9 8
0 8

SEPAL

\$ 0/h MUNOZ LOGOUT

para la Alimentación y la Agricultura

The screenshot shows the SEPAL-Search web application. At the top, there's a header with tabs for SCENES and MOSAIC, and buttons for AUTO-SELECT, RETRIEVE, and PREVIEW. Below this, a preview window displays a false-color satellite image from Landsat with the caption "False color(NIR, SWIR 1, Red)". The main area features a map of South America with several circular overlays containing numerical values: 9, 9, 5, 6, 9, 9, 8, 0, and 8. To the left of the map is a sidebar with icons for file operations: a folder, a key, and a trash bin. At the bottom, there's a navigation bar with links for SEPAL, MUNOZ, and LOGOUT, along with a footer for "para la Alimentación y la Agricultura".

SEPAL-Search

Secure | https://sepal.io

SCENES MOSAIC

AUTO-SELECT RETRIEVE PREVIEW RETRIEVE

9 7 6
9 9 5 6
9 9 8 0 8

SEPAL

\$ 0/h MUNOZ LOGOUT

para la Alimentación y la Agricultura

The screenshot shows the SEPAL-Search web application interface. At the top, there are tabs for 'SCENES' and 'MOSAIC'. Below these are buttons for 'AUTO-SELECT', 'RETRIEVE', 'PREVIEW', and 'RETRIEVE'. A central feature is a 3D terrain model of a landmass, possibly a river delta, with various points marked by green circles containing numbers (e.g., 9, 7, 6, 5). To the left of the map are four circular icons: a globe, a folder, a key, and a double arrow. At the bottom, there's a navigation bar with icons for file operations and a footer with the text 'para la Alimentación y la Agricultura'.

SEPAL-Search

Secure | https://sepal.io

SCENES L

AUTO-SELECT RETRIEVE

MOSAIC L

PREVIEW RETRIEVE

NAME

LANDSAT

BANDS BLUE GREEN RED NIR SWIR 1 SWIR 2

SUBMIT

9 9 8

0 8

SEPAL

\$ 0/h MUNOZ LOGOUT

para la Alimentación y la Agricultura

The screenshot shows the SEPAL-Search web application. At the top, there are two main tabs: "SCENES" and "MOSAIC". Below each tab are two buttons: "AUTO-SELECT" and "RETRIEVE" for SCENES, and "PREVIEW" and "RETRIEVE" for MOSAIC. A search bar labeled "NAME" with the placeholder "Enter a name" is positioned between the tabs. To the left of the search bar is a sidebar containing five icons: a satellite icon, a folder icon, a key icon, and a circular arrow icon. In the center, there is a 3D terrain model of a landscape. Five points on the terrain are highlighted with circles and labeled with numbers: 9, 9, 8, 0, and 8. Below the terrain model are two circular buttons labeled "0" and "8". At the bottom of the page, there is a footer with the text "SEPAL", a currency indicator "\$ 0/h", user names "MUNOZ" and "LOGOUT", and the logo of the National Institute of Agricultural Research (INIA). The bottom navigation bar includes links for "Recibidos (841)", "Keystight EExof E", "Erith Alexander", "SEPAL", "inkscape descar", "Google Earth E", "Google Earth E", "Blocks in Beam", "Correo - Erith.N", and "Other boot".

SEPAL-Search

Secure | https://sepal.io

NAME: MosaicoGuatemala2017|

BANDS: BLUE GREEN RED NIR SWIR 1 SWIR 2

LANDSAT

SUBMIT

0 8 9 9 8

SEPAL

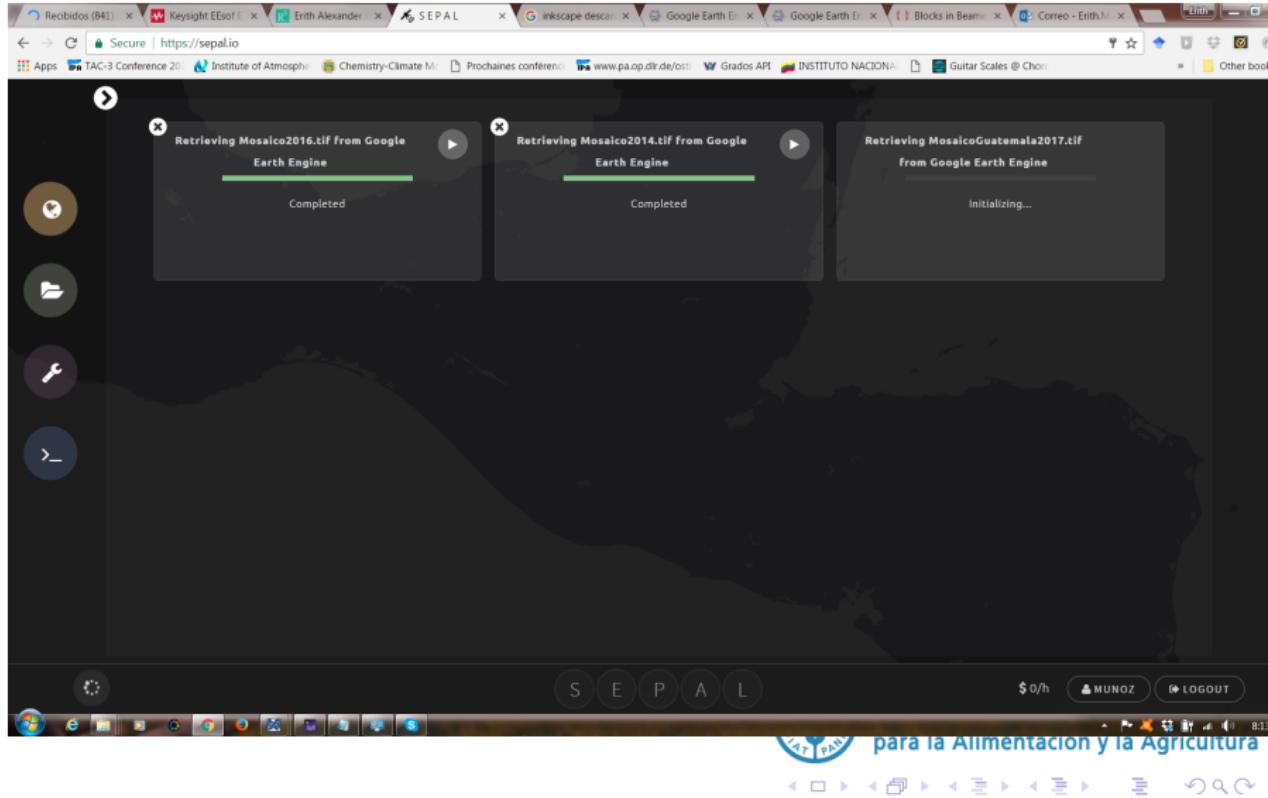
\$ 0/h MUNOZ LOGOUT

para la Alimentación y la Agricultura

SEPAL-Search

The screenshot shows the SEPAL-Search web application interface. At the top, there are two tabs: "SCENES" and "MOSAIC". Below these tabs are two buttons: "AUTO-SELECT" and "RETRIEVE" on the left, and "PREVIEW" and "RETRIEVE" on the right. On the far left, there is a vertical sidebar with four icons: a globe, a folder, a key, and a double arrow. The main area features a 3D terrain model of a specific region. Overlaid on the terrain are several green circles, each containing a number: 9, 7, 6, 5, 6, 9, 9, 8, 0, and 9. At the bottom of the screen, there is a footer bar with the SEPAL logo, a progress bar showing \$ 0/h, a user account section for "MUNDOZ", and a "LOGOUT" button. The bottom right corner also displays a watermark for "para la Alimentación y la Agricultura".

SEPAL-Search



SEPAL-Search

The screenshot shows a web browser window with the URL <https://sepal.io>. The main content area features a dark world map background. Overlaid on the map are four large, semi-transparent overlapping circles. The top-left circle is light brown and contains a globe icon with the word "SEARCH" below it. The top-right circle is light gray and contains a folder icon with the word "BROWSE" below it. The bottom-left circle is dark purple and contains a wrench icon with the word "PROCESS" below it. The bottom-right circle is blue and contains a terminal window icon with the word "TERMINAL" below it. At the bottom of the screen, there is a navigation bar with various icons and text, including "SEPAL", "\$ 0/h", "MUNDOZ", "LOGOUT", and the logo of the United Nations Food and Agriculture Organization (FAO). The taskbar at the very bottom shows several pinned application icons.

SEPAL-Browse

The screenshot shows a web-based application for environmental data retrieval. At the top, a browser window displays multiple tabs, including "Recibidos (841)", "Keysight EExof E", "Erith Alexander", "SEPAL", "inkscape descar", "Google Earth E", "Google Earth E", "Blocks in Beam", "Correo - Erith.N", and "Enth". Below the browser is a toolbar with icons for file operations like back, forward, search, and refresh.

The main content area features a map of Central America (Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica, Panama) in a dark grayscale style. Overlaid on the map are three rectangular progress dialogs:

- Retrieving Mosaico2016.tif from Google Earth Engine**: Status: Completed.
- Retrieving Mosaico2014.tif from Google Earth Engine**: Status: Completed.
- Retrieving MosaicoGuatemala2017.tif from Google Earth Engine**: Status: Initializing...

To the left of the map, there is a vertical sidebar with four large circular icons:

- A magnifying glass icon.
- A folder icon.
- A key icon.
- An arrow icon.

At the bottom of the screen, there is a navigation bar with several icons: a globe, a search bar, and links for "S E P A L", "MUNDO", and "LOGOUT". The bottom right corner contains a logo for "INSTITUTO NACIONAL de ALIMENTACIÓN y la AGRICULTURA" and a set of small navigation arrows.

The screenshot shows a desktop environment with a file browser window open in the foreground. The browser has a dark theme and displays a list of files under the 'downloads' folder. The files listed are:

- salida.tif.ovr
- Mosaico2016
- Cambios2015_2016.tif.ovr
- Mosaico2014
- Cambios2015_2016.tif.aux.xml
- salida.tif.aux.xml
- CorteAmazonia2016
- CorteAmazonia2015
- Cambios2015_2016.tif
- salida.tif

On the right side of the screen, there is a large map of South America, specifically focusing on Brazil and parts of Argentina and Peru. The map is partially covered by a semi-transparent dark overlay. At the bottom of the screen, there is a taskbar with several icons, including the Windows Start button, a search bar, and pinned application icons for File Explorer, Edge, and others. The bottom right corner features the SEPAL logo and the text "para la Alimentación y la Agricultura".

SEPAL-Process

The screenshot shows the SEPAL-Process web application interface. At the top, there is a navigation bar with several tabs and links. Below the navigation bar, the main content area features a dark background with a faint map of South America. On the left side, there is a vertical sidebar with five circular icons: a magnifying glass, a folder, a key, a double arrow, and a circular arrow. To the right of the sidebar, there are six rectangular boxes representing different tool modules:

- DATA VISUALIZATION
- R Studio
- ACCURACY ASSESSMENT DESIGN
- ACCURACY ASSESSMENT ANALYSIS
- GEO PROCESSING - BETA
- VISUALIZE - BETA
- SAR TOOLKIT

At the bottom of the screen, there is a footer bar with the SEPAL logo, a progress bar showing \$ 0/h, user information (MUNOZ), and a logout link. The taskbar at the very bottom shows various system icons.

SEPAL-Terminal

The screenshot shows a terminal window titled "SEPAL" with a background image of a globe. The terminal displays the following text:

```
[Press Shift-F1 for help]
Host/IP or ssh:// URL [localhost]: ssh://munoz@ssh-gateway?identities=id_rsa
Connecting to ssh://munoz@ssh-gateway:22

The following SSH identities are being used for this connection:
  id_rsa

-- Monthly budget --
Instance spending/budget: 0.94/20 USD
Storage spending/budget: 1.5/20 USD
Storage used/quota:       6.56/20 GB

-----
- Create new session -
1  t2.small, 1 CPU / 2 GiB, 0.026 USD/h
2  t2.medium, 2 CPU / 4 GiB, 0.052 USD/h
3  t2.large, 2 CPU / 8 GiB, 0.104 USD/h
4  m3.medium, 1 CPU / 3.75 GiB, 0.067 USD/h
5  m4.large, 2 CPU / 8 GiB, 0.12 USD/h
6  m4.xlarge, 4 CPU / 16 GiB, 0.239 USD/h
7  m4.2xlarge, 8 CPU / 32 GiB, 0.479 USD/h
8  m4.4xlarge, 16 CPU / 64 GiB, 0.958 USD/h
9  m4.8xlarge, 32 CPU / 128 GiB, 1.916 USD/h
10 c4.large, 2 CPU / 3.75 GiB, 0.105 USD/h
11 c4.xlarge, 4 CPU / 7.5 GiB, 0.209 USD/h
12 c4.2xlarge, 8 CPU / 15 GiB, 0.419 USD/h
13 c4.4xlarge, 16 CPU / 30 GiB, 0.838 USD/h
14 c4.8xlarge, 32 CPU / 60 GiB, 1.675 USD/h
15 r3.large, 2 CPU / 15 GiB, 0.166 USD/h
16 r3.xlarge, 4 CPU / 30.5 GiB, 0.333 USD/h
17 r3.2xlarge, 8 CPU / 61 GiB, 0.665 USD/h
18 r3.4xlarge, 16 CPU / 122 GiB, 1.33 USD/h
19 r3.8xlarge, 32 CPU / 244 GiB, 2.66 USD/h

Select (1):
```

The terminal window has several icons in its header bar: Recibido, Keysight, SEPAL, Gimp, Platform, Filtered, Introduction, Google L, Google E, Blocks in, Correo, and Entr. Below the terminal, there's a toolbar with icons for file operations like Open, Save, Print, and a search bar. At the bottom, there's a taskbar with various application icons and a footer with the text "para la Alimentación y la Agricultura".

SEPAL-Terminal

Secure | https://sepal.io

Host/IP or ssh:// URL [localhost]: ssh://munoz@ssh-gateway?identities=id_rsa
Connecting to ssh://munoz@ssh-gateway:22

The following SSH identities are being used for this connection:
`id_rsa`

-- Monthly budget --

Instance spending/budget: 0.94/20 USD
Storage spending/budget: 1.5/20 USD
Storage used/quota: 6.56/20 GB

-- Create new session --

1 t2.small, 1 CPU / 2 GiB, 0.826 USD/h
2 t2.medium, 2 CPU / 4 GiB, 0.852 USD/h
3 t2.large, 2 CPU / 8 GiB, 0.104 USD/h
4 m3.medium, 1 CPU / 3.75 GiB, 0.867 USD/h
5 m4.large, 2 CPU / 8 GiB, 0.12 USD/h
6 m4.xlarge, 4 CPU / 16 GiB, 0.239 USD/h
7 m4.2xlarge, 8 CPU / 32 GiB, 0.479 USD/h
8 m4.4xlarge, 16 CPU / 64 GiB, 0.958 USD/h
9 m4.8xlarge, 32 CPU / 128 GiB, 1.916 USD/h
10 c4.large, 2 CPU / 3.75 GiB, 0.185 USD/h
11 c4.xlarge, 4 CPU / 7.5 GiB, 0.289 USD/h
12 c4.2xlarge, 8 CPU / 15 GiB, 0.419 USD/h
13 c4.4xlarge, 16 CPU / 30 GiB, 0.838 USD/h
14 c4.8xlarge, 36 CPU / 60 GiB, 1.675 USD/h
15 r3.large, 2 CPU / 15 GiB, 0.166 USD/h
16 r3.xlarge, 4 CPU / 30 GiB, 0.333 USD/h
17 r3.2xlarge, 8 CPU / 61 GiB, 0.667 USD/h
18 r3.4xlarge, 16 CPU / 123 GiB, 1.33 USD/h
19 r3.8xlarge, 32 CPU / 244 GiB, 2.66 USD/h

Select (1): 1

Session is starting. This might start a new server, which would take several minutes.
Please wait... ■

S E P A L \$ 0/h MUNDO LOGOUT

para la Alimentación y la Agricultura

SEPAL-Terminal

Secure | https://sepal.io

Host/IP or ssh:// URL [localhost]: ssh://munoz@ssh-gateway?identities=id_rsa
Connecting to ssh://munoz@ssh-gateway:22

The following SSH identities are being used for this connection:
`id_rsa`

Monthly budget:

Instance spending/budget: 0.94/20 USD
Storage spending/budget: 1.5/20 USD
Storage used/quota: 6.56/20 GB

Create new session:

1 t2.small, 1 CPU / 2 GiB, 0.026 USD/h
2 t2.medium, 2 CPU / 4 GiB, 0.052 USD/h
3 t2.large, 2 CPU / 8 GiB, 0.104 USD/h
4 m3.medium, 1 CPU / 3 GiB, 0.067 USD/h
5 m3.large, 2 CPU / 6 GiB, 0.134 USD/h
6 m4.xlarge, 4 CPU / 16 GiB, 0.239 USD/h
7 m4.2xlarge, 8 CPU / 32 GiB, 0.479 USD/h
8 m4.4xlarge, 16 CPU / 64 GiB, 0.958 USD/h
9 m4.8xlarge, 48 CPU / 168 GiB, 2.394 USD/h
10 c4.large, 2 CPU / 3.75 GiB, 0.105 USD/h
11 c4.xlarge, 4 CPU / 7.5 GiB, 0.209 USD/h
12 c4.2xlarge, 8 CPU / 15 GiB, 0.413 USD/h
13 c4.4xlarge, 16 CPU / 30 GiB, 0.826 USD/h
14 c4.8xlarge, 36 CPU / 60 GiB, 1.657 USD/h
15 r3.large, 2 CPU / 15 GiB, 0.166 USD/h
16 r3.xlarge, 4 CPU / 30.5 GiB, 0.333 USD/h
17 r3.2xlarge, 8 CPU / 61 GiB, 0.665 USD/h
18 r3.4xlarge, 16 CPU / 122 GiB, 1.33 USD/h
19 r3.8xlarge, 32 CPU / 244 GiB, 2.66 USD/h

Select (1): 1

S E P A L \$ 0.03/h MUNOZ LOGOUT

para la Alimentación y la Agricultura