

NEW GEBCO SUBSETTING APP

The screenshot displays the GEBCO Multiresolution Subsetting App interface. The main window shows a bathymetry map of the ocean floor. A dialog box titled "Coordinates" is open, allowing the user to define a subsetting area. The dialog contains input fields for North (27.481), West (-172.963), East (-153.227), and South (18.007). A checkbox labeled "Show after mouse selection" is checked. The dialog also includes "Close" and "Layers and formats" buttons. The app's header includes the title "GEBCO Multiresolution Subsetting App" and navigation links for "Help", "Other downloads", and "About GEBCO". The data source is identified as "GEBCO 2024 TEST-Multires-TEST".

GEBCO Multiresolution Subsetting App

Help Other downloads About GEBCO

Data: **GEBCO 2024 TEST-Multires-TEST** Change Map layers Subset editor

Coordinates

North
27.481

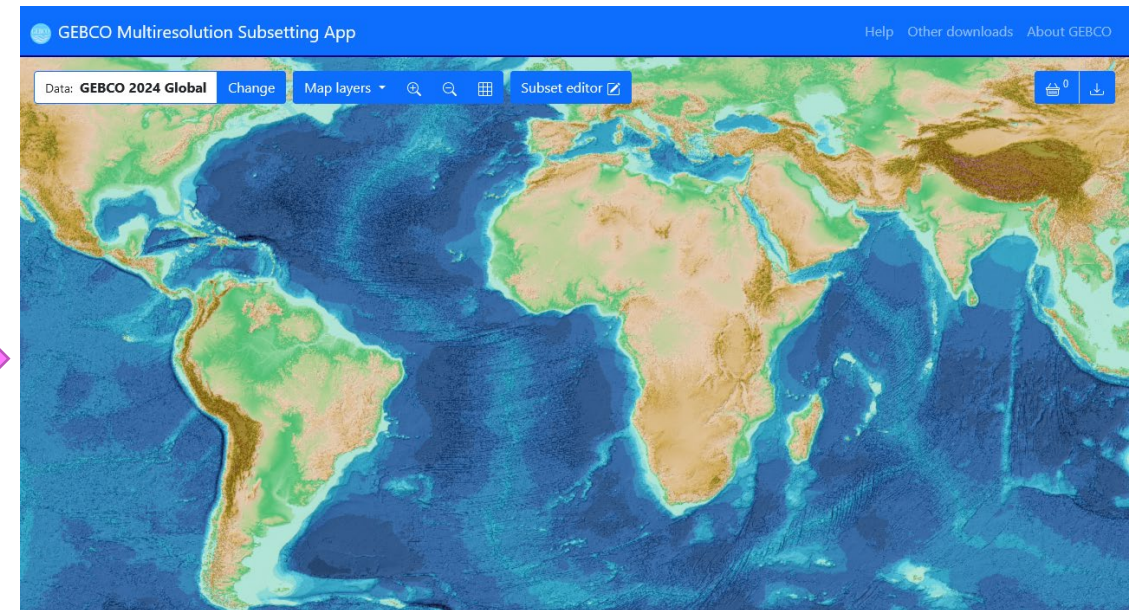
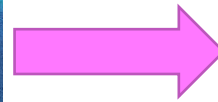
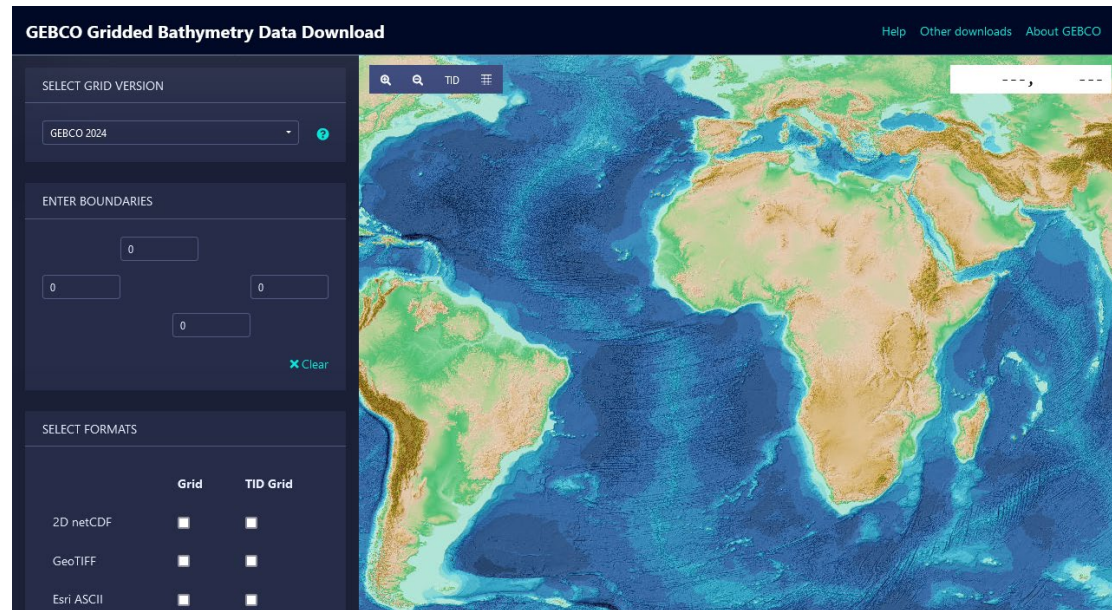
West East
-172.963 -153.227

South
18.007

Show after mouse selection

Close Layers and formats

REPLACEMENT FOR THE EXISTING APP



Users see basic instructions when they visit the site for the first time.

The screenshot shows a web application interface with a map of the world. A white dialog box titled "Getting started" is centered on the screen. The dialog box contains the following text:

Getting started

Choose the data you want to subset
Click the 'Change' button at the top left of the map display and select one from the list of available datasets.

Select a region on the map

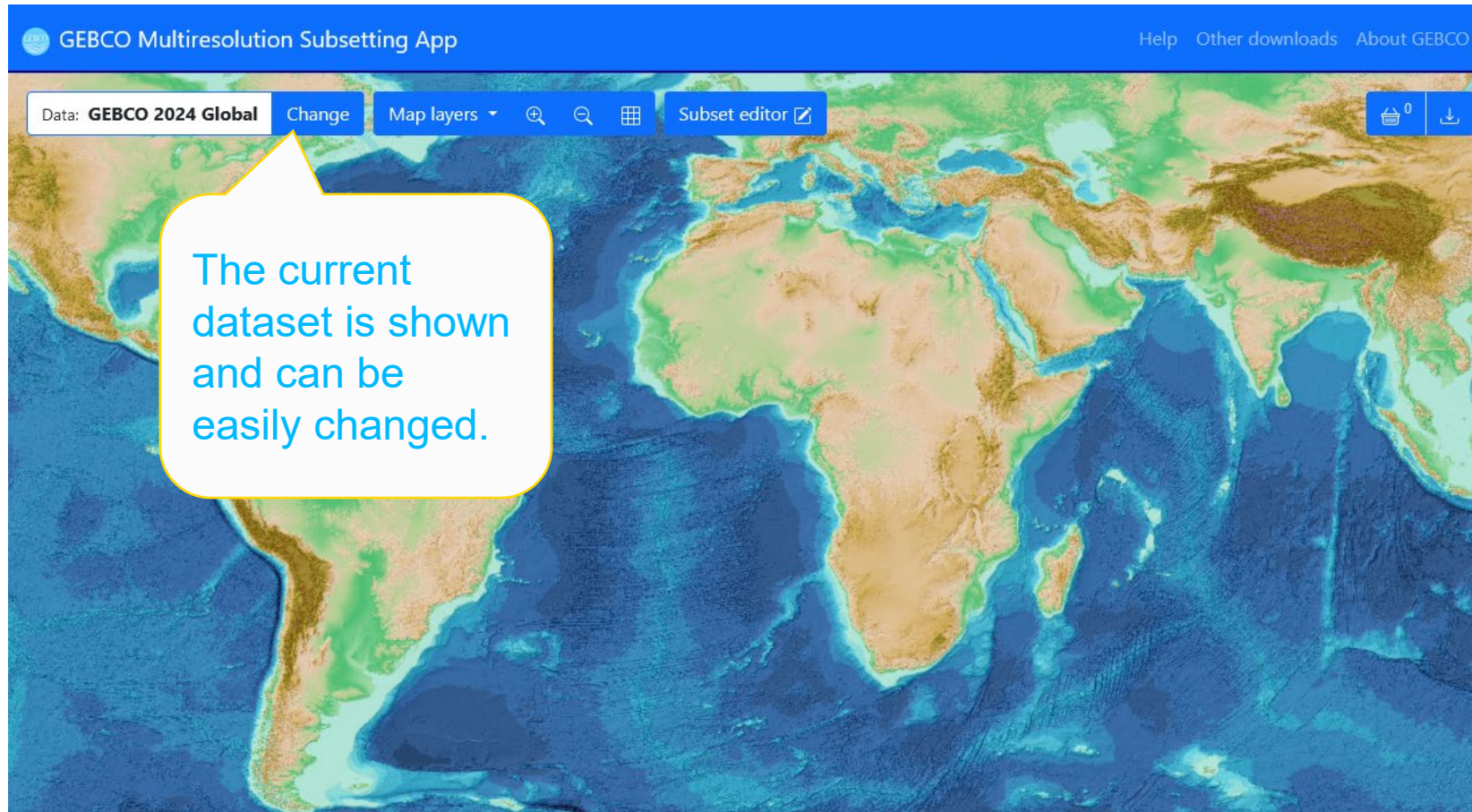
- Hold down the **CTRL** key
- Press the left mouse button
- **Hold and drag** to select an area on the map

On a Mac, use the **Command** ⌘ key instead of CTRL.

Select layers and formats
Most datasets have more than one data layer available. Select the ones you want along with the formats (geoTIFF for example) required.

Don't show this again

You don't have to show the help every time.



The screenshot shows the GEBCO Multiresolution Subsetting App interface. At the top, the title bar reads "GEBCO Multiresolution Subsetting App" with navigation links for "Help", "Other downloads", and "About GEBCO". Below the title bar, a toolbar includes a "Data: GEBCO 2024 Global" button, a "Change" button, a "Map layers" dropdown, search and zoom icons, a "Subset editor" link, a shopping cart icon with a "0" notification, and a download icon. The main content area is a map of the world's oceans. A white dialog box titled "Select your grid" is centered on the screen, listing three grid options, each with a "Details" button. A yellow callout box points to the list of datasets for the first grid.

GEBCO Multiresolution Subsetting App

Help Other downloads About GEBCO

Data: **GEBCO 2024 Global** Change Map layers 🔍 🔍 🗺️ Subset editor 📄

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Select your grid

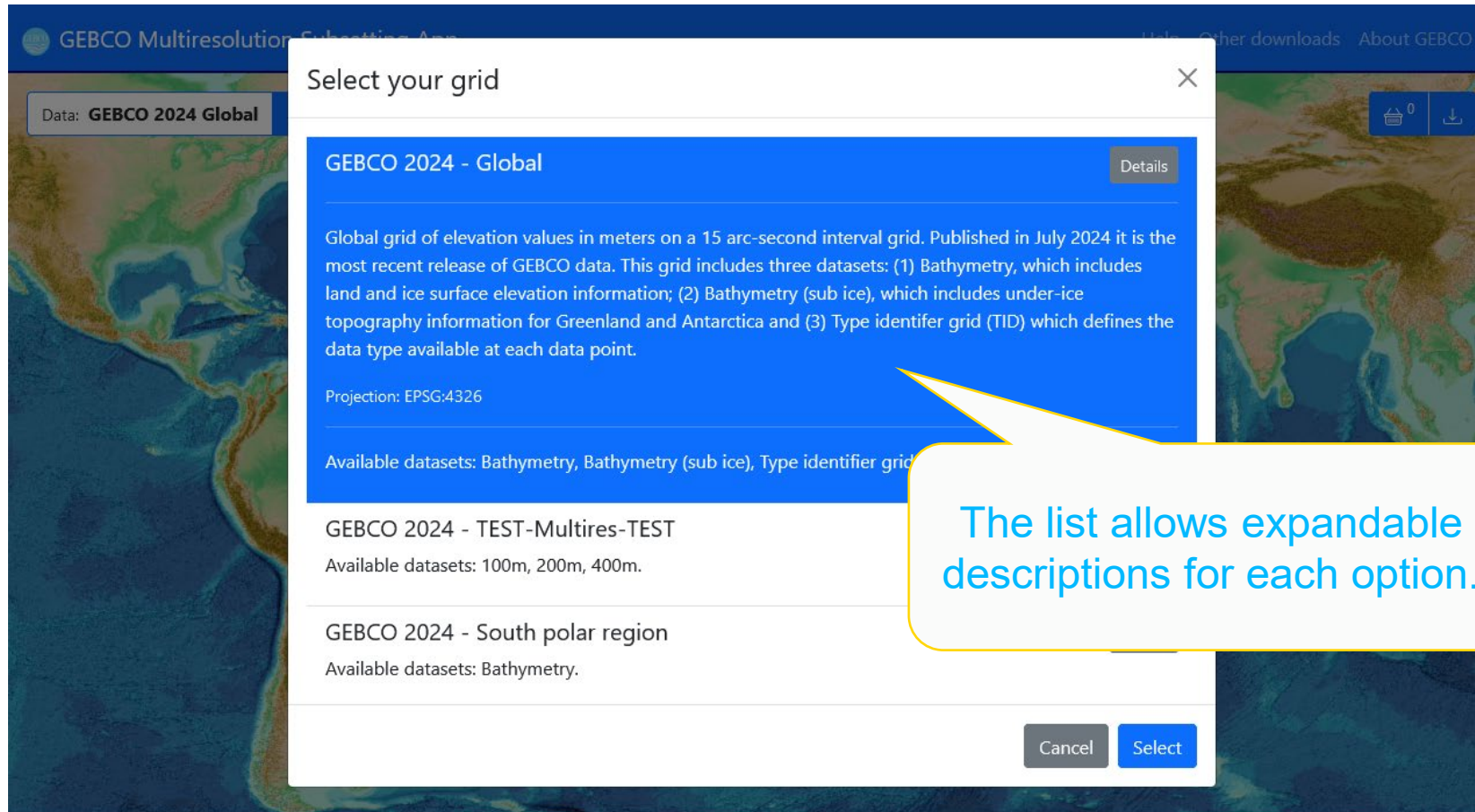
GEBCO 2024 - Global Details
Available datasets: Bathymetry, Bathymetry (sub ice), Type identifier grid (TID).

GEBCO 2024 - TEST-Multires-TEST Details
Available datasets: 100m, 200m, 400m.

GEBCO 2024 - South polar region Details
Available datasets: Bathymetry.

Cancel Select

Datasets are selected from a list. This is more scalable than the dropdown used in the existing app.



GEBCO Multiresolution Subsetting App

Data: **GEBCO 2024 Global**

Select your grid

GEBCO 2024 - Global Details

Global grid of elevation values in meters on a 15 arc-second interval grid. Published in July 2024 it is the most recent release of GEBCO data. This grid includes three datasets: (1) Bathymetry, which includes land and ice surface elevation information; (2) Bathymetry (sub ice), which includes under-ice topography information for Greenland and Antarctica and (3) Type identifier grid (TID) which defines the data type available at each data point.

Projection: EPSG:4326

Available datasets: Bathymetry, Bathymetry (sub ice), Type identifier grid

GEBCO 2024 - TEST-Multires-TEST
Available datasets: 100m, 200m, 400m.

GEBCO 2024 - South polar region
Available datasets: Bathymetry.

Cancel Select

The list allows expandable descriptions for each option.

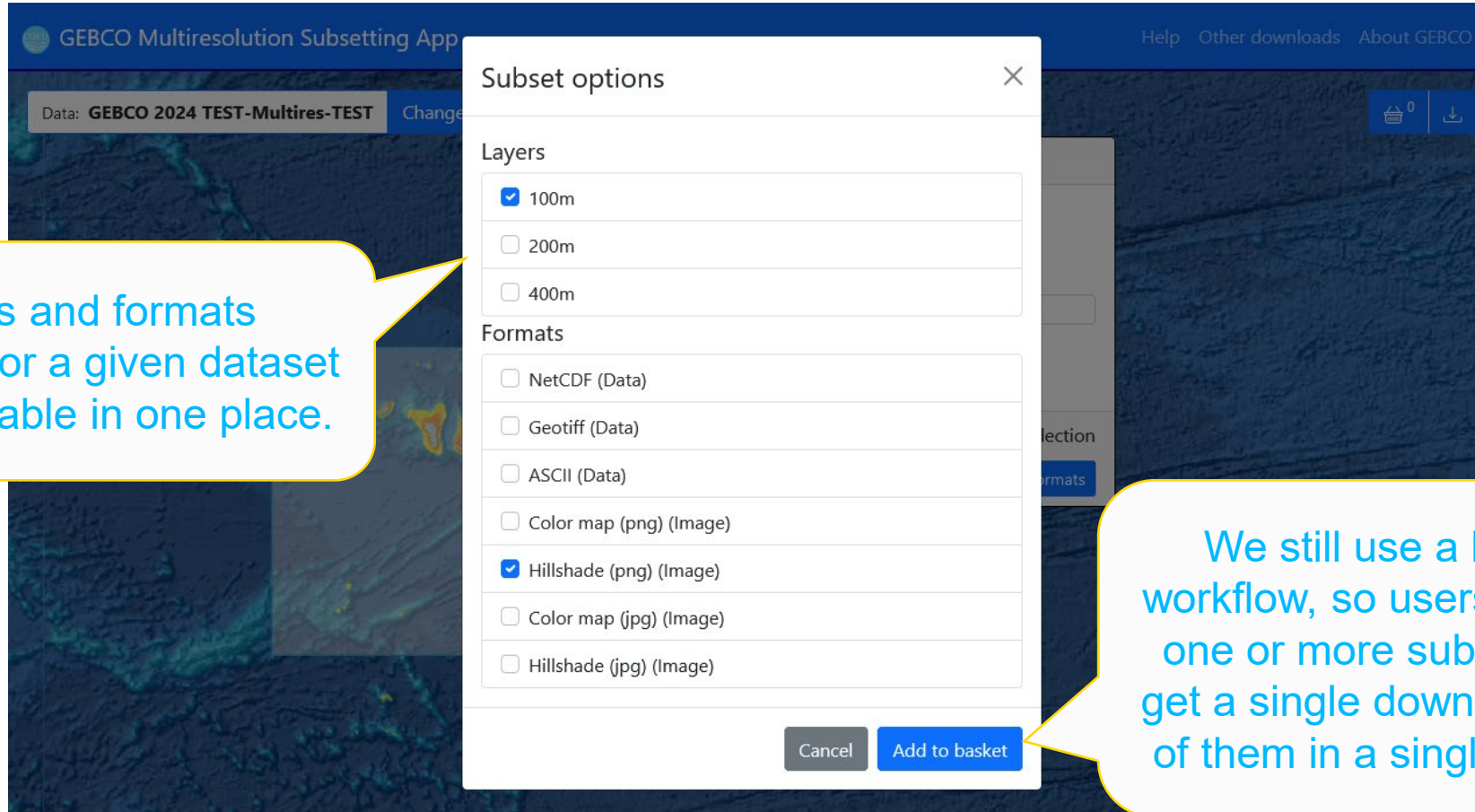
The screenshot displays the GEBCO Multiresolution Subsetting App interface. At the top, the title bar reads "GEBCO Multiresolution Subsetting App" and includes navigation links for "Help", "Other downloads", and "About GEBCO". Below the title bar, the data source is identified as "Data: GEBCO 2024 TEST-Multires-TEST" with a "Change" button. A "Map layers" dropdown menu is open, showing a list of resolution options: "100m" (checked), "200m", and "400m". The main map area shows a bathymetric view of the ocean floor with a color scale from blue (deep) to yellow/red (shallow). A yellow callout box with a white background and a yellow border points to the "100m" option in the dropdown menu, containing the text: "Users can select the WMS layers that they want to see on the map." Other interface elements include a "Subset editor" button, a search icon, a grid icon, and a download icon.

The screenshot displays the GEBCO Multiresolution Subsetting App interface. At the top, the title bar reads "GEBCO Multiresolution Subsetting App" and includes navigation links for "Help", "Other downloads", and "About GEBCO". Below the title bar, the data source is identified as "GEBCO 2024 TEST-Multires-TEST". The interface features a map of the ocean floor with a highlighted region. A "Subset editor" dialog box is open, allowing users to define a region by coordinates. The dialog box contains the following fields and options:

- Coordinates:**
 - North: 27.481
 - West: -172.963
 - East: -153.227
 - South: 18.007
- Show after mouse selection
- Buttons: Close, Layers and formats

A 'Subset editor' allows users to display and modify their region selection.

Layers and formats can be selected once a user is happy with their region.



Layers and formats available for a given dataset are selectable in one place.

We still use a basket workflow, so users can add one or more subsets and get a single download of all of them in a single zip file.

GEBCO Multiresolution Subsetting App

Help Other downloads About GEBCO

Data: **GEBCO 2024 TEST-Multires-TEST** Change

Map layers ▾ 🔍 🔍 🗺️

Subset editor ↗️

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Clicking the basket button will display all the subsets in the current basket.

The screenshot shows the GEBCO Multiresolution Subsetting App interface. A modal dialog box titled "Your basket" is open, displaying details for a selected dataset: "GEBCO 2024 TEST-Multires-TEST". The dialog includes a red trash icon, the dataset name, its bounding box coordinates (North: 27.4810; West: -172.9630; South: 18.0070; East: -153.2270), the format "Hillshade (png)", and the resolution "Layers: 100m". Below this information, a message states: "It may take a while to generate the download. Please provide your email address and we will send you a download link when it's ready." This is followed by an input field labeled "Enter your email". At the bottom of the dialog are "Cancel" and "Submit" buttons. The background of the app shows a bathymetric map of the ocean floor with a highlighted region.

A user can provide an email address if they want a link to their download sent to them.

The screenshot shows the GEBCO Multiresolution Subsetting App interface. A modal dialog box titled "Download baskets you have submitted" is open, listing two baskets. The first basket, "GEBCO_29_Oct_2024_b60f48937847", is "Ready to download" and has a "Track status" link. The second basket, "GEBCO_29_Oct_2024_cd5e71f3134c", is "Processing" and also has a "Track status" link. A checkbox at the bottom of the dialog is checked, with the text "Check this checkbox if you wish to retain your download list when you comeback next time." and a "Cancel" button. The background shows a bathymetric map of the Indian Ocean region.

Basket ID	Status	Action
GEBCO_29_Oct_2024_b60f48937847	Ready to download	Track status
GEBCO_29_Oct_2024_cd5e71f3134c	Processing	Track status

When a basket is submitted a user can follow its progress.

The screenshot shows the GEBCO Multiresolution Subsetting App interface. A modal dialog box titled "Download baskets you have submitted" is open, listing two download baskets. Each basket entry includes a link to the download, the status "Ready to download", and a "Track status" link. A "Cancel" button is located at the bottom of the dialog. A yellow callout box points to the download links in the dialog.

GEBCO Multiresolution Subsetting App

Data: **GEBCO 2024 TEST-Mul**

Help Other downloads About GEBCO

Download baskets you have submitted

[GEBCO 29_Oct_2024_b60f48937847](#)

Ready to download - [Track status](#)

[GEBCO 29_Oct_2024_cd5e71f3134c](#)

Ready to download - [Track status](#)

Check this checkbox if you wish to retain your download list when you comeback next time. Cancel

When it is ready a link to download is available.

The screenshot shows the GEBCO Multiresolution Subsetting App interface. A modal window titled "Download baskets you have submitted" is open, displaying a list of two submitted baskets. Each basket entry includes a link to the basket, its status ("Ready to download"), and a "Track status" link. A checkbox is checked at the bottom of the modal, indicating the user wants to retain the download list. A "Cancel" button is also visible.

Basket Name	Status	Action
GEBCO 29_Oct_2024_b60f48937847	Ready to download - Track status	
GEBCO 29_Oct_2024_cd5e71f3134c	Ready to download - Track status	

Check this checkbox if you wish to retain your download list when you comeback next time. Cancel

A user can save their submitted baskets in their browser and return to them later if they don't want to wait.

