



BADAN INFORMASI
GEOSPASIAL

User Guide

SISTEM INFORMASI PULAU

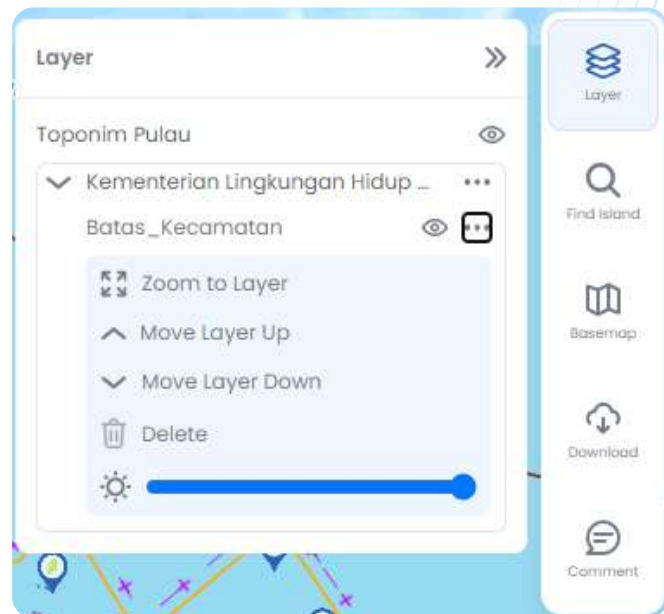
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LAYER SETTINGS

The layer menu can be used to view the currently active layers on the map, this menu has a function to perform;

- Go to full extent, is used to see the overall appearance of the layer. Pressing this button will adjust the map magnification according to the selected layer.
- The Move layer up and down feature is used to move the layer order. The order of the layers shown on the map is in order from top to bottom.
- Delete layer, is used to delete the layer if the user does not want to display the layer again.
- Transparent slider, used to adjust layer transparency so that users can easily see multiple layers overlapping uhu



SEARCH DATA FROM RELATED NETWORK NODES

This feature contains data from related ministries/agencies (K/L) who are members of the same network node, you can search for data from network nodes by ministry, province or district/city.

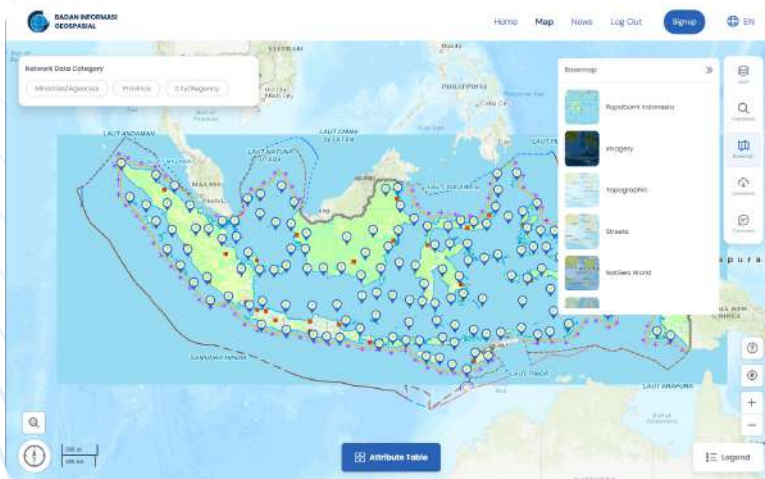
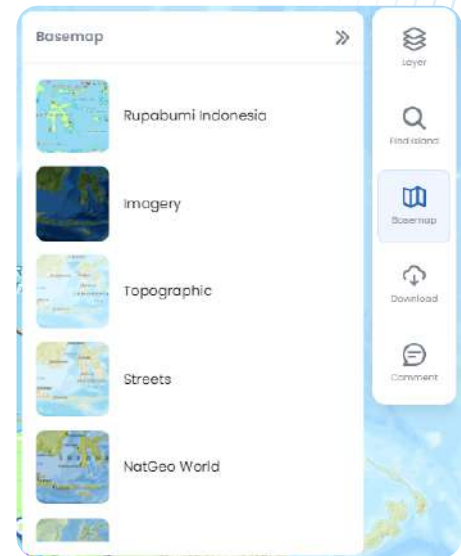
When the user has selected the K/L, all the data provided will appear. The user can add the data to the list of active layers.

The screenshot shows a web interface titled "Network Data Category". It has three tabs: "Ministries/Agencies", "Province" (which is selected), and "City/Regency". Below the tabs is a search bar labeled "Search Network Data". A dropdown menu is open, displaying a list of Indonesian provinces: Provinsi Aceh, Provinsi Bali, Provinsi Banten, Provinsi Bengkulu, Provinsi DI Yogyakarta, Provinsi DKI Jakarta, Provinsi Gorontalo, Provinsi Jambi, Provinsi Jawa Barat, Provinsi Jawa Tengah, Provinsi Jawa Timur, Provinsi Kalimantan Barat, Provinsi Kalimantan Selatan, Provinsi Kalimantan Tengah, Provinsi Kalimantan Timur, Provinsi Kalimantan Utara, Provinsi Kepulauan Bangka Belitung, Provinsi Kepulauan Riau, and Provinsi Lampung. The list is scrollable.

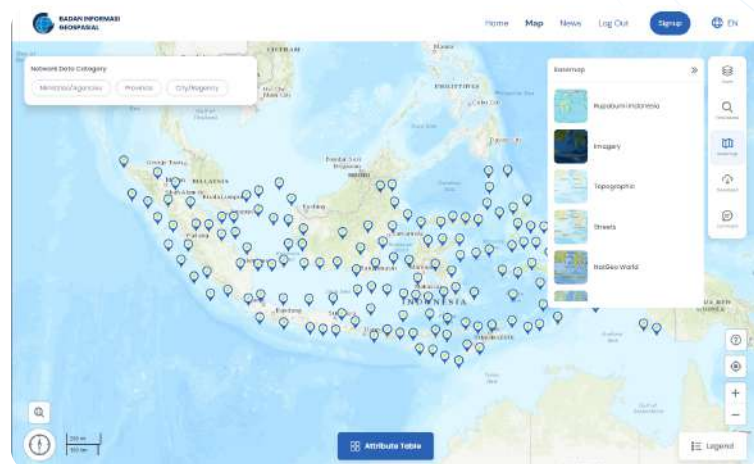
The screenshot shows the same "Network Data Category" interface, but with "Provinsi DKI Jakarta" selected in the search bar. A blue "Process" button is visible below the search bar. Below the "Process" button, a modal window titled "Choose Network Data" is open. The modal has a search bar labeled "Search Network Data". It displays three map thumbnails, each with a blue "Add Layer" button and a "Detail" link. At the bottom of the modal, there is a pagination indicator showing "< 1-10 from 121 >".

BASEMAP SETTINGS

Base Map is the initial map view that becomes the main view. On top of the basemap, users can add other data, such as polygons, polylines and KML. The user can select the desired basemap view. Users need to know that this basemap cannot be downloaded and is not associated with the layer to be downloaded.



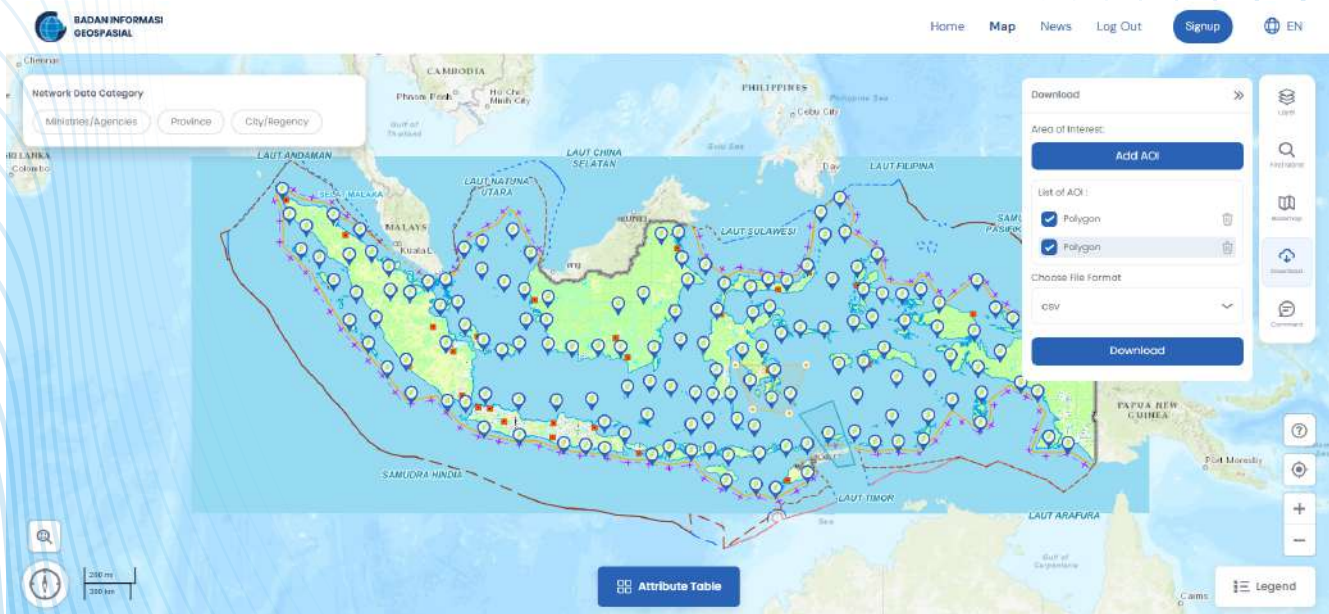
Active Basemap RBI



DOWNLOAD DATA

In this menu the user can download island toponym data in .shp (spatial) or .csv (tabular) format.

To download data, users need to select the AOI (area of interest) using the selector. There are 4 types of selectors that can be used, namely polygons, circles, polygons and freehand polygons. Select the area you want to download, the selected area will be blue. Then press the download button to start the data download.



Download Island Data with Area of Interest

DOWNLOAD DATA

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	ID	Nama Pulau	Arti Nama	Sejarah Nama	Asal Bahasa	ID Wilayah	Kelurahan/Desa	Kecamatan	Kabupaten/Kota	Provinsi	Status	Remark	X	Y
2	41789	Pulau Terkulai				21.72.03.1003	Kelurahan Sengg	Tanjung Pina	Kota Tanjung Pina	Kepulauan	Proses	KEPRI_180	104.3394	0.953119
3	72258	Pulau Baru				14.03.10		Rupat	Bengkalis	Riau	Proses	RIAU_005	101.4111	1.753889
4	47500	Pulau Sanghyang				36.04.30		Anyar	Serang	Banten	Proses	BANTEN_5	105.8533	-5.9559
5	42525	Pulau Sekatap				21.72.04.1002	Kelurahan Domp	Bukit Bestar	Kota Tanjung Pina	Kepulauan	Proses	KEPRI_179	104.4529	0.855236
6	72254	Pulau Lais	Nama ikan	Banyak ikan lais Melayu		14.02.10.2001	Tambak	Kuala Cenak	Indragiri Hulu	Riau	Proses	RIAU_002	102.6078	-0.38222
7	47518	Pulau Onrust				31.01.02.1001	Kelurahan Pulau	Kepulauan S	Administrasi Kepul	DKI Jakarta	Proses	DKI_063 -	106.7349	-6.03373
8	72255	Pulau Tiga				14.02			Indragiri Hulu	Riau	Proses	RIAU_003	102.7074	-0.47412
9	72257	Pulau Babi		Dari kejauhan terlihat seperti		14.03.11		Rupat Utara	Bengkalis	Riau	Proses	RIAU_005	101.551	2.094345
10	72256	Pulau Atung	Pulau mengapung			14.03			Bengkalis	Riau	Proses	RIAU_004	101.4053	1.840833

Csv Data Download Result

6. The results of the download in the form of a shp file are as shown in the following image:

	FID	Shape	id_toponim	fid_1	statpub	statpem	status	zonautm	
▶	0	Point	116051	P002541	Terbit	Draf Pengumuman	Proses	50U	19
	1	Point	116052	P002542	Terbit	Draf Pengumuman	Proses	50U	19
	2	Point	116050	P009040	Terbit	Draf Pengumuman	Proses	50U	19
	3	Point	116017	P010936	Terbit	Draf Pengumuman	Proses	50U	19
	4	Point	115985	P012434	Terbit	Draf Pengumuman	Proses	50U	19
	5	Point	115989	P012439	Terbit	Draf Pengumuman	Proses	50U	19

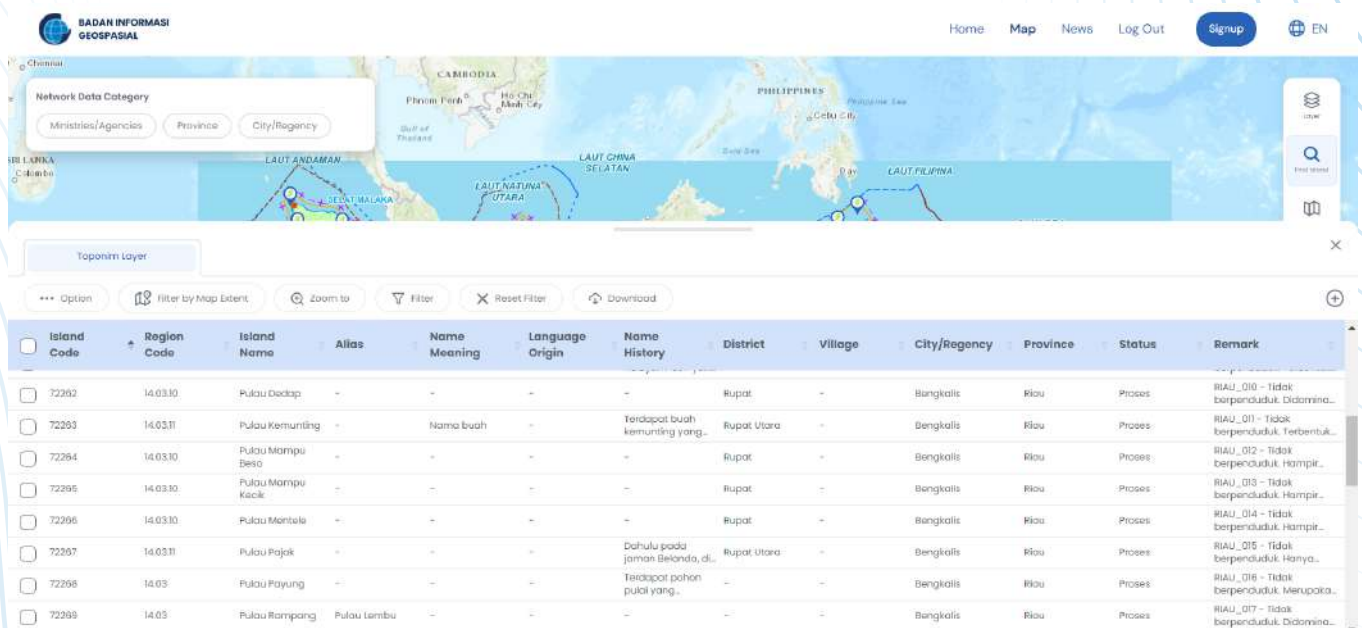


shp Data Download Result

ATTRIBUTE TABLE

Attribute table is a detailed table of island toponym data, the data displayed in the table corresponds to the level of magnification on the map. Attribute table has several additional features such as;

- Option to show/disable column
- Filter by map extent, which is a filter to display data that is adjusted to the zoom amount on the map layer
- Zoom to, serves to direct/zoom on certain data, zoom to can also be used by pressing twice on the toponym data list
- Filter, to make a selection of the data to be searched and displayed
- Reset Filter, to remove the filter attached to the data
- Select attributes, attributes can be selected by pressing the box button on the left of the data
- Download, users can download data based on the selected attribute



The screenshot shows the sipulau.big.go.id interface. At the top, there's a header with the logo 'BADAN INFORMASI GEOSPASIAL' and navigation links: Home, Map, News, Log Out, Signup, and EN. Below the header is a map of Southeast Asia with a search bar and a 'Find Island' button. A 'Network Data Category' dropdown is set to 'Ministries/Agencies'. Below the map, there's a 'Toponym Layer' section with buttons for 'Option', 'Filter by Map Extent', 'Zoom to', 'Filter', 'Reset Filter', and 'Download'. The main part of the interface is an attribute table for islands in the Riau Islands.

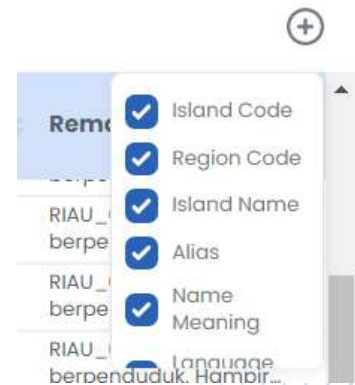
Island Code	Region Code	Island Name	Alias	Name Meaning	Language Origin	Name History	District	Village	City/Regency	Province	Status	Remark
72262	14.0330	Pulau Decap	-	-	-	-	Rupat	-	Bangkalis	Riau	Proses	RIAU_010 - Tidak berpenduduk. Didomina...
72263	14.0331	Pulau Kemuning	-	Nama buah	-	Terdapat buah kemuning yang...	Rupat Utara	-	Dangkalis	Riau	Proses	RIAU_011 - Tidak berpenduduk. Terbentuk...
72264	14.0330	Pulau Mampui Beso	-	-	-	-	Rupat	-	Bangkalis	Riau	Proses	RIAU_012 - Tidak berpenduduk. Hampir...
72265	14.0330	Pulau Mampui Kacik	-	-	-	-	Rupat	-	Bangkalis	Riau	Proses	RIAU_013 - Tidak berpenduduk. Hampir...
72266	14.0330	Pulau Mentela	-	-	-	-	Rupat	-	Bangkalis	Riau	Proses	RIAU_014 - Tidak berpenduduk. Hampir...
72267	14.0331	Pulau Pajak	-	-	-	Dahulu prada jaman Belanda, di...	Rupat Utara	-	Dangkalis	Riau	Proses	RIAU_015 - Tidak berpenduduk. Hanya...
72268	14.03	Pulau Payung	-	-	-	Terdapat pohon payung yang...	-	-	Dangkalis	Riau	Proses	RIAU_016 - Tidak berpenduduk. Merupaka...
72269	14.03	Pulau Rampang	Pulau Lembu	-	-	-	-	-	Bangkalis	Riau	Proses	RIAU_017 - Tidak berpenduduk. Didomina...

Attribute Table

ARRANGEMENT COLUMN ATTRIBUTE TABLE

Column Settings

In the default view, the attribute table will display all available fields/columns. However, users can also set the columns they want to appear in the attribute table.



Advanced Query And Filter

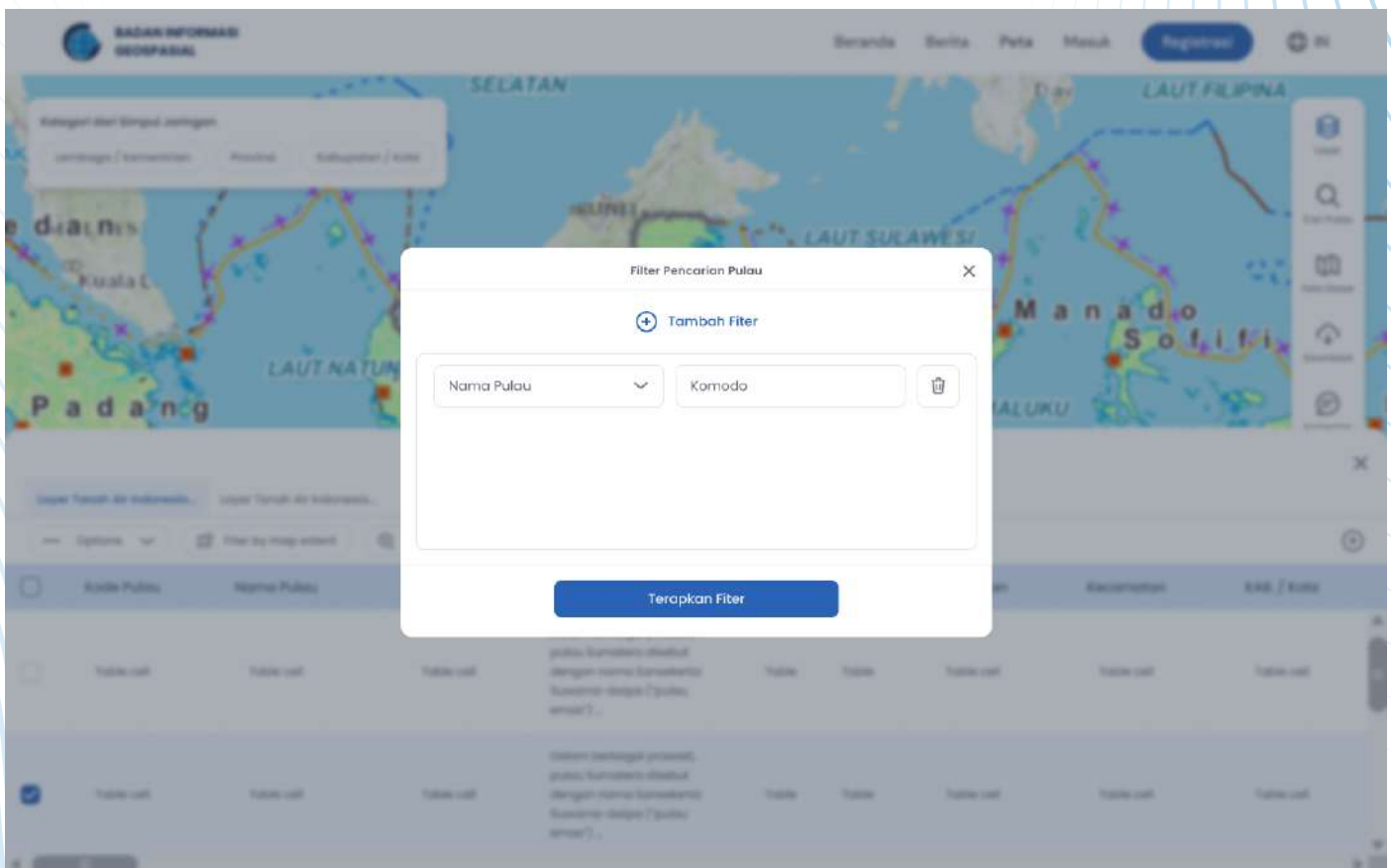
Users can perform specific searches on the island's toponym data. This search feature is found in the attribute table by pressing the filter button. Then the user can perform a search by selecting a field and entering a search keyword.

A screenshot of a dialog box titled 'Filter Pencarian Pulau'. It contains a 'Tambah Fiter' button with a plus icon. Below this are four filter rows. The first row has 'Nama Pulau' and 'Komodo'. The second row has 'Nama Lain' and 'Komodo'. The third row has 'Lokasi' and a dropdown menu with 'Provinsi', 'KAB. / Kota', 'Kecamatan', and 'Kelurahan'. The fourth row has 'Arti Nama' and 'Komodo'. Each row has a trash icon to its right. At the bottom is a blue button labeled 'Terapkan Fiter'.

Advanced Query and Filter

In addition to searching for islands, the filter feature can also be used to perform advanced filters based on all components/columns of the table.

- on the attribute table, select the filter section
- the left column, you can select all the columns in the attribute table, and in the right column, you can fill in the values you want. For some fields such as island area, location, or island status, you select the dropdown options based on the grouping from the database
- when finished doing the filter, then select "apply filter"
- filter results will be displayed in the attribute table, also the screen extends zoom

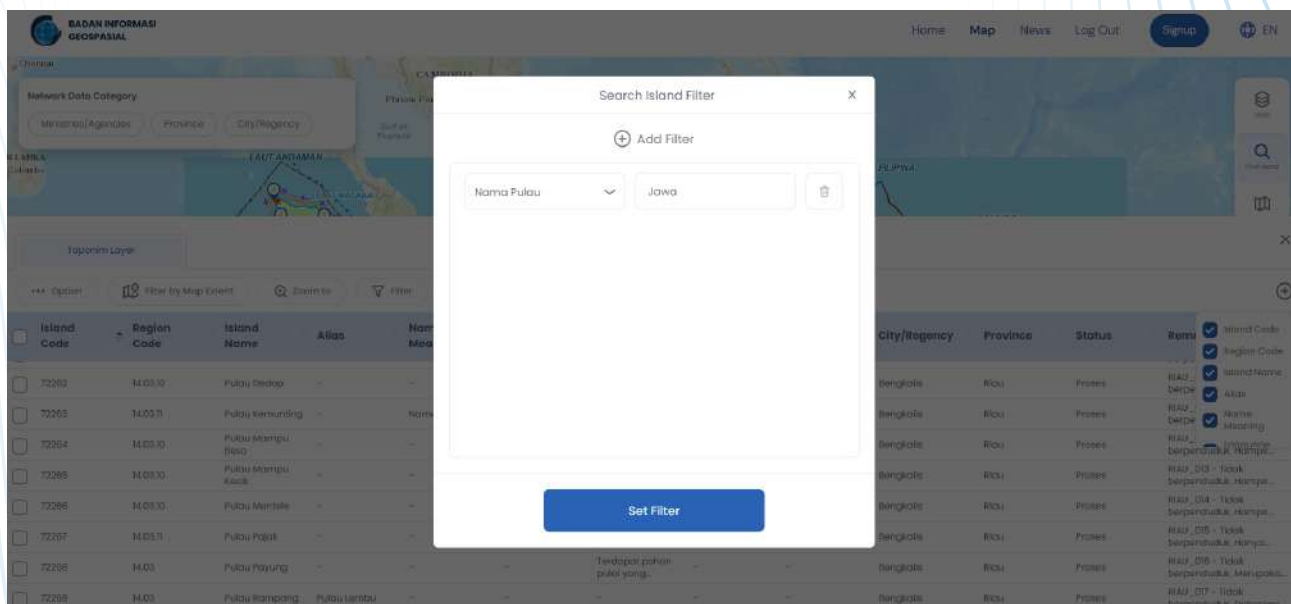


Advanced Filter

ISLAND DATA SEARCH

SIPULAU also has a feature to search for islands by name or administrative area

- Click the search button on the menu bar to the right of the map;
- Then the attribute table will appear at the bottom of the screen;
- Next you select the filter icon, a pop up filter will appear. you can choose the attribute/column name you will search, and what value you will type, then select "apply filter"
- Your screen will point/zoom to the part of the island you are looking for
- In addition, the attribute table will also be selected based on the name of the island you choose



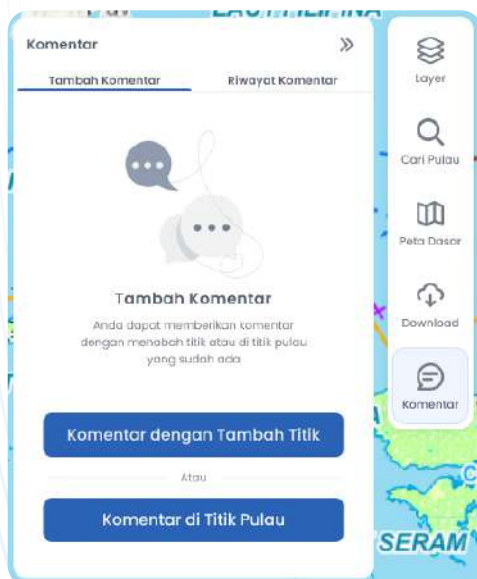
Island Data Search Table

COMMENTS

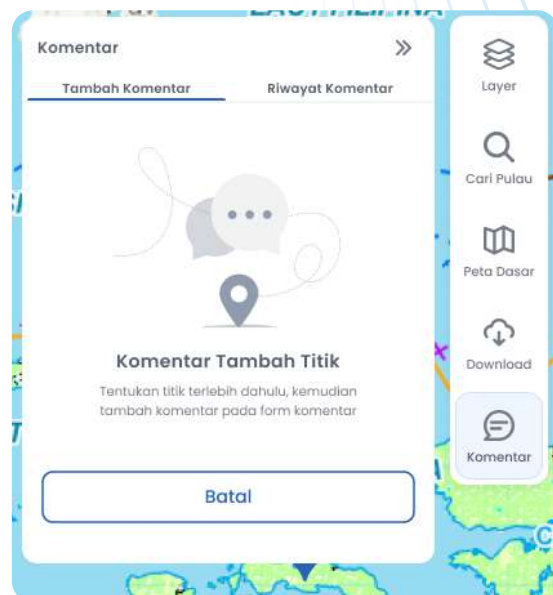
Comment By Adding New Point

Users can enter comments by adding a new dot. This feature can be used if you discover a new island. Users are required to attach evidence in the form of pictures or other supporting documents

- In the comments menu, select the "comment with added period" button,
- Then the shape of the pointer will change, determine the location where to place the comment point
- After the point location is determined, a pop up will appear as shown in the image below
- Then fill in your comments and attach supporting media in the form of images in jpeg format or documents in pdf format
- Then press the "comment" button
- Comments require approval by admin, once approved comments will be published and can be seen by all users
- Users can also view the history of your comments along with their status (waiting for approval, accepted, rejected)



Choose Comments Type



Choose Comments Type

Description of comment status

- Waiting – status when new comments come in and waiting for follow up
- Processed – the status when the comments have been read by the admin, and are being processed or verified comments
- Received – the status when the comment has been processed and accepted by the admin, the comment is visible to all general users
- Rejected – a status when the comment has been processed by the admin but is rejected because the data is invalid or the comment doesn't fit the context



COMMENTS

SIPulau has two kinds of features for comments, namely comments on island points and comments by adding new points. **Users can post comments after logging in or having an Ina Geoporta account**

Komentar Pulau

Users can add comments on existing island points or make comment points based on certain coordinates that you are free to point anywhere.

- Choose the island's toponym
- Then fill in your comments and attach supporting media in the form of images in jpeg format or documents in pdf format
- Then press the "comment" button
- Comments require approval by admin, once approved comments will be published and can be seen by all users
- Users can also view the history of your comments along with their status (waiting for approval, accepted, rejected)

