

Package ‘comorosmaps’

October 12, 2022

Type Package

Title Comoro Islands Maps

Version 1.0.0

Description Maps of Comoro Islands. Layers include the country coastline, each island coastline and administrative regions boundaries.

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Encoding UTF-8

RoxygenNote 7.2.0

Depends R (>= 2.10)

Imports sf, magrittr, dplyr,

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://github.com/hhousni/comorosmaps>

BugReports <https://github.com/hhousni/comorosmaps/issues>

NeedsCompilation no

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R topics documented:

anjouan	2
comoros	2
comorosmaps	3
grandeComore	4
moheli	4
Index	6

anjouan	<i>Anjouan</i>
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Description

Draw a map for Anjouan Island

Usage

```
anjouan(x = "anjouan", pref = FALSE)
```

Arguments

x	Name of the data set to use. The default is <code>anjouan()</code> , It draws Anjouan Island as one object without prefecture.
pref	Choose to map with prefecture area (<code>"pref" = TRUE</code>) or without prefecture area (<code>"pref" = FALSE</code>)

Value

The data set used is in `sf` format

Examples

```
## Map Anjouan Island.  
anjouan ()  
## Map Anjouan Island with prefecture area.  
anjouan (pref = TRUE)
```

comoros	<i>Comoro Islands</i>
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Description

Draw maps of Comoros Islands.

Usage

```
comoros(x = "country", pref = FALSE)
```

Arguments

x	Name of the data set to use. The default is <code>comoros()</code> , It draws Comoro Islands as one object without commune.
pref	Choose to map with prefecture area (<code>"pref" = TRUE</code>) or without prefecture area (<code>"pref" = FALSE</code>)

Details

`comoros()` uses the `sf` package to plot by plotting the geometry rather than every column and leave the plot pref ready for overplotting with other data

Value

The data set used is in `sf` format

Examples

```
## Map Comoro Islands as one object without prefecture area
comoros()
## Map Comoro Islands as one object with prefecture area
comoros(x="country",pref=TRUE)
## Map Comoros Islands as 3 object (Grande Comore, Anjouan, Mohéli) without prefecture area.
comoros(x="island",pref=FALSE)
## Map Comoros Islands as 3 object (Grande Comore, Anjouan, Mohéli) with prefecture area
comoros(x="island",pref=TRUE)
```

comorosmaps

comorosmaps: Comoro Islands Maps

Description

A package for mapping Comoro Islands coastline and prefecture area. Data can be drawn or accessed directly as simple features objects. The package includes simple function for each Island: `grandeComore()`, `anjouan()`, `moheli()` and a function for the country `comoros()`

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See Also

Useful links:

- <https://github.com/hhousni/comorosmaps>
- Report bugs at <https://github.com/hhousni/comorosmaps/issues>

grandeComore	<i>Grande Comore</i>
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Description

Draw a map for Grande Comore Island

Usage

```
grandeComore(x = "grande comore", pref = FALSE)
```

Arguments

x	Name of the data set to use. The default is grandeComore(), It draws Grande Comore Island as one object without prefecture.
pref	Choose to map with prefecture area ("pref" = TRUE) or without prefecture area ("pref" = FALSE)

Value

The data set used is in sf format

Examples

```
## Map Grande Comore Island
grandeComore ()
## Map Grande Comore with prefecture area
grandeComore (pref = TRUE)
```

moheli	<i>Moheli</i>
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Description

Draw a map for Moheli Islands

Usage

```
moheli(x = "moheli", pref = FALSE)
```

Arguments

x	Name of the data set to use. The default is moheli(), It draws Moheli Islands as one object without prefecture.
pref	Choose to map with prefecture area ("pref" = TRUE) or without prefecture area ("pref" = FALSE)

Value

The data set used is in sf format

Examples

```
## Map Moheli Island
moheli ()
## Map Moheli Island with prefecture area
moheli (pref = TRUE)
```

Index

anjouan, [2](#)

comoros, [2](#)

comorosmaps, [3](#)

grandeComore, [4](#)

moheli, [4](#)