

Global Change Data Encyclopedia

Pulau Bangka, Indonesia

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Keywords: Pulau Bangka; Indonesia; island; data encyclopedia

Pulau Bangka is located in the west of the Greater Sunda Islands in Southeast Asia, bordering the Java Sea in the south and Sumatra Island in the west. The closest distance between the two islands is 14 km. The closest distance between the two islands is about 85 km. The geographical location of Bangka island is 1°30'5"S–3°7'0"S, 105°6'31"E–106°50'56"E^[1-2] (Figure 1, 2). Bangka Island covers an area of 11,528.23 km² and has a coastline of 1,164.91 km.

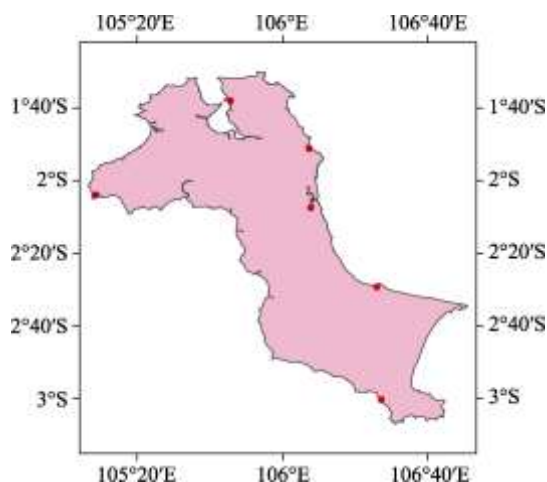


Figure 1 Map of Pulau Bangka (.shp format)



Figure 2 Map of Pulau Bangka (.kmz format)

Bangka Penang is the capital and largest town of Bangka Island. The second-largest city

Received: 26-02-2020; **Accepted:** 15-03-2020; **Published:** 25-03-2020

Foundation: Chinese Academy of Sciences (XDA19090110)

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Data Citation: [1] Wang, J. Q., Yang, A. B, Zhang, F., *et al.* Pulau Bangka, Indonesia [J]. *Journal of Global Change Data & Discovery*, 2020, 4(1): 92–93. DOI: 10.3974/geodp.2020.01.15.

[2] Wang, J. Q., Yang, A. B, Zhang, F., *et al.* Pulau Bangka [DB/OL]. Global Change Data Repository, 2020. DOI: 10.3974/geodb.2020.02.11.V1.

is Shuang Khyria (Lek), and the main port of Bangka Island (Mentok). Other towns include Toboali in the south, Koba (an important tin-mining town in the south of Banga), and Beli Ocean in the north (known for its local seafood)^[3].

The Bangka Island had a population of 626,955 in 1990 and is populated mainly by ethnic Malay Indonesians and Han Hakka people. Residents mainly work in tin mines, oil palm farms, rubber plantations, and pepper farms, and some are engaged in tin smelting and fishing. In 2010, the population rose to 960,692^[3].

The whole island is mostly remnant hill lowland. There are a few 300–600 m high mountain tops, and the seaside is many swamps. Bangka Island is a tropical rainforest climate, hot and humid throughout the year, annual rainfall of about 3,000 mm. Geologically, Bangka Island is similar to the Malay Peninsula, which is composed of granite and slate. Generally, it is covered by sandstone, laterite, and alluvium, and granite outcrops form small scattered hills^[4]. Meanwhile, from 1710 to the present, Bangka is one of the world's major tin producing areas^[5].

This dataset was based on the “Global multiple-scale shorelines dataset based on Google Earth images (2015)”^[2], which is integrated with the relevant material and map of Bangka Island^[5–8]. The dataset consisted of 21 data files, archived in .kmz and .shp^[9] formats, with a data volume of 1.02 MB (compressed into 3 data files, with a data size of 716 KB).

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Data Computing Environment

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URL for Data Downloading

<http://www.geodoi.ac.cn/WebEn/doi.aspx?Id=1434>.
Or search through: <http://www.geodoi.ac.cn>.