

## Country Profile: Bangladesh

Country Profile (PDF)

## Country Resources

### Topographic

| Series  | Publisher | Scale     | Years       | Sheets |
|---|-----------|-----------|-------------|--------|
| Bangladesh 1:10,000 Scale Maps of Coastal Areas     | BIWTA     | 1:10,000  | 1996 - 2000 | 1,584  |
| Bangladesh 1:60,000 Scale Topographic District Maps | GC        | 1:60,000  |             | 1      |
| Bangladesh 1:5,000 Scale Topographic Maps (Dhaka)   | SB        | 1:5,000   | 2004        | 96     |
| Bangladesh 1:25,000 Scale Topographic Maps          | SB        | 1:25,000  | 1986 - 2014 | 144    |
| Bangladesh 1:50,000 Scale Topographic Maps          | SB        | 1:50,000  | 1972 - 2009 | 444    |
| Bangladesh 1:250,000 Scale Topographic Maps         | SB        | 1:250,000 | 1972 - 2003 | 73     |

### Geoscientific

| Series   | Publisher | Scale       | Years | Sheets |
|--|-----------|-------------|-------|--------|
| China 1:2,500,000 Scale Geological Map (6 sheets)            | GPH       | 1:2,500,000 | 2005  | 1      |
| China 1:2,500,000 Scale Quaternary Geological Map (9 sheets) | GPH       | 1:2,500,000 | 1990  | 1      |
| China 1:4,000,000 Scale Geological Map (2 sheets)            | GPH       | 1:4,000,000 | 1977  | 1      |
| China 1:5,000,000 Scale Metallic Resources Map               | GPH       | 1:5,000,000 | 1992  | 1      |
| China 1:5,000,000 Scale Mineral Resources Map                | GPH       | 1:5,000,000 | 1992  | 1      |
| China 1:5,000,000 Scale Nonmetallic Resources Map            | GPH       | 1:5,000,000 | 1992  | 1      |
| Nepal 1:1,000,000 Scale Geological Map                       | DMG       | 1:1,000,000 | 1994  | 1      |

### Thematic

| Series   | Publisher | Scale        | Years | Sheets |
|--|-----------|--------------|-------|--------|
| The World 1:30,000,000 Scale Topographic Map Series 1145 (NGA) | DMA       | 1:30,000,000 |       | 2      |

## Global Census Archive: GIS Census Data

East View Geospatial has an ongoing effort to add GIS census data to our Global Census Archive program. Please contact us for the status and availability of Bangladesh census resources.

## Global Resources

### Topographic

| Series   | Publisher | Scale       | Years       | Sheets |
|--|-----------|-------------|-------------|--------|
| Soviet Military City Plans                         | VTU GSh   | Varies      | 1944 - 2003 | 3,020  |
| Soviet Military 1:100,000 Scale Topographic Maps   | VTU GSh   | 1:100,000   | 1947 - 1999 | 24,897 |
| Soviet Military 1:200,000 Scale Topographic Maps   | VTU GSh   | 1:200,000   | 1949 - 2009 | 17,799 |
| Soviet Military 1:500,000 Scale Topographic Maps   | VTU GSh   | 1:500,000   | 1953 - 1998 | 3,093  |
| Soviet Military 1:1,000,000 Scale Topographic Maps | VTU GSh   | 1:1,000,000 | 1948 - 1994 | 1,089  |

### Nautical

| Series | Publisher | Scale | Years | Sheets |
|--------|-----------|-------|-------|--------|
|--------|-----------|-------|-------|--------|

|  |     |        |             |       |
|--|-----|--------|-------------|-------|
| NGA Nautical Charts POD Certified (All Scales) | NGA | Varies | 1943 – 2013 | 4,517 |
|--|-----|--------|-------------|-------|

## Aeronautical

| Series  | Publisher | Scale       | Years       | Sheets |
|---|-----------|-------------|-------------|--------|
| Joint Operations Graphic (JOG 1501A) 1:250,000 – Aeronautical               | DMA       | 1:250,000   | 1958 – 2007 | 4,204  |
| Tactical Pilotage Chart (TPC) 1:500,000 Scale – Aeronautical                | DMA       | 1:500,000   | 1967 – 2006 | 598    |
| Operational Navigation Chart (ONC) 1:1,000,000 Scale – Aeronautical         | DMA       | 1:1,000,000 | 1969 – 2001 | 243    |
| Jet Navigation Chart (JNC) 1:2,000,000 Scale – Aeronautical                 | DMA       | 1:2,000,000 | 1971 – 1999 | 117    |
| Global Navigation and Planning Chart (GNC) 1:5,000,000 Scale – Aeronautical | DMA       | 1:5,000,000 | 1981 – 1999 | 27     |

**Note:** East View Geospatial is continuously sourcing new resources that may not yet be listed in Global Explorer. Please contact us if you have geodata needs beyond what is listed above and we will be happy to discuss available off-the-shelf and custom solutions.

Shop all products in Global Explorer

# Historical Country Mapping Information

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Country Profile (PDF)

## Topographic

The **Survey of Bangladesh (SB)** founded in 1973 is the official surveying and mapping organization. It carries out geodetic and topographic surveys, and compiles and publishes topographic and smaller scale maps. The country was mapped by the **Survey of India** prior to 1947, and in the years between the partition of the subcontinent and the establishment of an independent Bangladesh in 1971, by the **Survey of Pakistan**. Map specifications are therefore similar to those established elsewhere in South Asia.

The basic scale series remains the 1:50,000 series in 266 sheets, on a Transverse Mercator projection, Everest ellipsoid. This map was completely revised by the mid-1990s, from 1:30,000 scale aerial photographic coverage flown under Canadian aid programs in 1975. Sheets cover 15’ quadrangles, show relief with 50 ft contours and are printed in six colors. From this map are derived smaller-scale series, including a 27-sheet 1:250,000 scale map, revised to 1995, six sheets at 1:500,000 scale and four-sheet 1:1,000,000 scale coverage. All these series are published in English language editions. .

Soviet military topographic mapping of Bangladesh is available at the following scales: 1:1,000,000 (4 sheets, complete coverage, published 1960-1973); 1:500,000 (7 sheets, complete coverage, published 1959-1971); 1:200,000 (35 sheets, complete coverage, published 1955-1965) and city (1:10,000 to 1:25,000) topographic mapping of Chittagong and Dhaka published between 1980 and 1983. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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## Nautical

The **Department of Hydrography**, established in 1959, publishes charting of coastal and inland waters.

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## Geological/Scientific

The **Geological Survey of Bangladesh (GSB)** has carried out basic geological surveying and mapping of the country since its

establishment in 1972, but there has been little progress since the end of the 1970s. Three small scale maps were published in 1990, in conjunction with the **United States Geological Survey (USGS)** and map geology, gravity anomalies, and aeromagnetic anomalies, at a scale of 1:1,000,000. A program to digitize these and other larger scale surveys was started in 1996.

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## Soil

Larger scale resources mapping has been prepared by the **Soil Research Development Institute (SRDI)**, formerly the **Department of Soil Survey**. **SRDI** has compiled coverage for 74 of the 460 Thanas in Bangladesh, in two 1:50,000 scale series, depicting soil and land types, and geology and landscapes.

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## Thematic

A number of other small-scale thematic projects were carried out in the 1970s and 1980s, notably sponsored by the World Bank, which also issued 1:500,000 scale image mapping of the country, overprinted with land use and land cover information. The **Bangladesh Space Research and Remote Sensing Organization (SPARRSO)**, which coordinates image interpretation and remote sensing in the country, published a series of 1:1,000,000 scale LANDSAT-based maps with thematic overprints for cover types, land zones and systems, land use and forest areas. Other thematic mapping of Bangladesh has been sponsored by the **International Rice Research Institute (IRRI)**, Manila. Resources mapping of forest areas, notably in the Sundabans, was completed in the 1980s by the **British Land Resources Development Center**, now **Natural Resources Institute (NRI)**. The **Irrigation Support Project Asia and the Near East (ISPAN)**, established with American funding after the devastating floods of 1987, has developed a 1:250,000 resolution GIS using ARC/INFO, ERDAS and IDRISI software to monitor and plan for future flood emergencies.

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## Cadaster

Cadastral mapping is the responsibility of the **Directorate General of Land Resources and Survey**. Rural areas are covered at 16 inches to the mile, with Dhaka mapped in an 80-inch series. Over 120,000 maps are maintained, but many are increasingly outdated. Large scale pre-census mapping of enumeration districts in the country is carried out by the **Bangladesh Bureau of Statistics**.

Other coverage at one inch to 16 miles is published in English to map ancient monuments, police stations and administrative boundaries. Bengali versions of administrative mapping are also published at this scale, and at one inch to 32 miles, and Bengali language district series are published at 1:250,000 scale (15 sheets) and 1:125,000 scale (64 sheets). Series of city and town guide maps are published at scales of 1:15,000 and 1:20,000, and Dhaka was mapped in an 18-sheet 1:10,000 scale series revised to 1989. In addition to these series **Survey of Bangladesh** intends to publish 1:25,000 scale mapping of the country in order to give a more detailed depiction of flood risk areas.

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## Tourist/Reference

Commercially published mapping of Bangladesh is published by Dhaka based **Graphosman**, established in 1975 and the only significant commercial publisher in the country until 1987. It issues small scale coverage of Bangladesh, including a six-sheet set depicting natural hazards, a rivers map and a number of political and relief-based maps. **Geodesec** issues a similar range including small scale transport,

district and thana based mapping as well as city maps of Dhaka and Chittagong. Few western agencies cover Bangladesh, notable exceptions being the tourist map of the North East India, covering Bangladesh, from **Nelles Verlag** and the tourist atlas from **Lonely Planet**.

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