

## Country Profile: Pakistan

Country Profile (PDF)

## Country Resources

### Topographic

Series	Publisher	Scale	Years	Sheets
EVGmap 50 Pakistan Vector Data	EVG	1:50,000	2008	166
Pakistan 1:50,000 Scale Topographic Maps	SPAK	1:50,000	1960 - 2007	1,564
Pakistan 1:63,360 Scale Topographic Maps	SPAK	1:63,360	1920 - 1957	15
Pakistan 1:250,000 Scale Topographic Maps	SPAK	1:250,000	1955 - 1965	108
Pakistan 1:253,440 Scale Topographic Maps	SPAK	1:253,440	1941 - 1956	50
Pakistan 1:1,000,000 Scale Topographic Maps	SPAK	1:1,000,000	1971 - 1994	11

### Nautical

Series	Publisher	Scale	Years	Sheets
Pakistan Nautical Charts (All Scales)	PNHD	Varies	1995 - 2023	18

### 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
Pakistan Coal Maps	GSP	Scale Not Given	2001	2
Pakistan Information Release (GSP)	GSP	Scale Not Given	1957 - 2015	63
Pakistan Investigations (GSP)	GSP	Scale Not Given	1962 - 1975	18
Pakistan Memoirs (GSP)	GSP	Scale Not Given	1956 - 1981	10
Pakistan Mineral Maps	GSP	Scale Not Given	1997 - 2006	3
Pakistan Pre-Publication Issues (GSP)	GSP	Scale Not Given	1965 - 1967	3
Pakistan Records (GSP)	GSP	Scale Not Given	1949 - 1967	19
Pakistan Geological Maps	GSP	Varies	1993 - 2011	4
Pakistan Seismic Maps	GSP	Varies		1
Pakistan 1:50,000 Scale Geological Maps	GSP	1:50,000	2007 - 2024	18
Pakistan 1:250,000 Scale Geological Maps	GSP	1:250,000	1970	1
Pakistan 1:500,000 Scale Geological Maps	GSP	1:500,000		1
Pakistan 1:1,000,000 Scale Mineral Maps	GSP	1:1,000,000	1993 - 2003	2
Pakistan 1:1,500,000 Scale Mineral Maps	GSP	1:1,500,000	2018	1
Pakistan 1:2,000,000 Scale Tectonic Maps	GSP	1:2,000,000	1982	1
Pakistan Seismotectonic Maps	GSP	1:2,000,000	1979	1
Pakistan 1:6,000,000 Scale Geochemical Atlas	GSP	1:6,000,000	2017	70
Afghanistan 1:250,000 Scale USGS Geological Maps	USGS	1:250,000	2005	32

## Thematic

Series	Publisher	Scale	Years	Sheets
The World 1:30,000,000 Scale Topographic Map Series 1145 (NGA)	DMA	1:30,000,000		2
Pakistan District Maps	SPAK	Varies	1986 - 2001	27

## 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 Pakistan 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	6,380
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 (Pushed-to-Shop)	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.

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## Historical Country Mapping Information

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### Topographic

Surveying and official mapping of Pakistan are the responsibility of **Survey of Pakistan (SP)**, which was created from **Survey of India (SI)** after independence in 1947. **SP** was at first based in Karachi but headquarters are now located in Rawalpindi. Like other countries in the subcontinent mapping systems are derived from standards established during the imperial era by **Survey of India**. The basic scale is

a 1:50,000 scale topographic map using the same sheet lines as earlier **SI** one-inch mapping and based upon a Lambert conical Conformal projection, Everest ellipsoid. 1:50,000 sheets are photogrammetric maps, cover 15' quadrangles and metric editions have been published since 1975. A 1:250,000 scale series is complete in 119 sheets and derived from the 1:50,000 map.

A 26-sheet 1:500,000 scale series was completed between 1968 and 1986 on a polyconic projection, and shows relief with hypsometric tints. **SP** also publishes a number of general maps of the country, including province maps at 1:1,000,000 scale. An atlas of Pakistan was issued in 1990, with mapping at 1:1,000,000 scale and a variety of themes published at 1:5,000,000. Larger scale programs from **SP** include guide maps to towns and cities.

Soviet military topographic mapping of Pakistan is available at the following scales: 1:1,000,000 (10 sheets, complete coverage, published 1957-1990); 1:500,000 (26 sheets, complete coverage, published 1956-1989); 1:200,000 (176 sheets, complete coverage, published 1976-1991); 1:100,000 (589 sheets, complete coverage, published 1967-1990); 1:50,000 (143 sheets, primarily Afghanistani border coverage, published 1983-2000) and city (1:10,000 to 1:25,000) topographic mapping of 20 major cities from Bahawalpur to Sukkur published between 1972 and 1983. These product are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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## Nautical

The **Hydrographic Department** in Islamabad is responsible for the publication and maintenance of a range of 34 nautical charts relating to coastal and offshore Pakistani waters.

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## Geological/Scientific

**Geological Survey of Pakistan (GSP)** in Quetta is responsible for the earth science mapping of the country. A 1:50,000 scale program on topographic sheet lines includes about 45 maps published between 1978 and 1986, mostly near to the Afghanistani border in Baluchistan. Overseas agencies have published large scale geological mapping of parts of the country, notably the **United States Geological Survey (USGS)**, and the British **Directorate of Overseas Surveys** (now **Ordnance Survey International (OSI)**). A 1:1,000,000 scale coverage of the country in four sheets was revised in 1993.

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## Soil

Soil mapping of Pakistan was carried out in the late 1970s by the **Soil Survey of Pakistan**, including the publication of 1:1,000,000 scale state maps.

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## Atlas

The **Pakistan Agricultural Research Council** has been working on the production of an atlas of agricultural conditions, and by the mid 1990s about 70 mapping plates had been created.

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## Tourist/Reference

Commercial mapping of the country is issued by **Nelles** and **RV**, with a railway map published by **Röhr Verlag**.

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