

Country Profile: Pakistan

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Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
EVGmap 50 Pakistan Vector Data	East View Geospatial	1:50,000	2008 - 2008	166
Pakistan 1:50,000 Scale Topographic Maps	Survey of Pakistan	1:50,000	1960 - 2007	1564
Pakistan 1:63,360 Scale Topographic Maps	Survey of Pakistan	1:63,360	1920 - 1957	15
Pakistan 1:250,000 Scale Topographic Maps	Survey of Pakistan	1:250,000	1955 - 1965	108
Pakistan 1:253,440 Scale Topographic Maps	Survey of Pakistan	1:253,440	1941 - 1956	50
Pakistan 1:1,000,000 Scale Topographic Maps	Survey of Pakistan	1:1,000,000	1971 - 1994	11

Geoscientific

Series	Publisher	Scale	Years	Sheets
China 1:2,500,000 Scale Geological Map (6 sheets)	Dizhi Chubanshe / Geological Publishing House	1:2,500,000	2005 - 2005	1
China 1:2,500,000 Scale Quaternary Geological Map (9 sheets)	Dizhi Chubanshe / Geological Publishing House	1:2,500,000	1990 - 1990	1
China 1:4,000,000 Scale Geological Map (2 sheets)	Dizhi Chubanshe / Geological Publishing House	1:4,000,000	1977 - 1977	1
China 1:5,000,000 Scale Metallic Resources Map	Dizhi Chubanshe / Geological Publishing House	1:5,000,000	1992 - 1992	1
China 1:5,000,000 Scale Mineral Resources Map	Dizhi Chubanshe / Geological Publishing House	1:5,000,000	1992 - 1992	1
China 1:5,000,000 Scale Nonmetallic Resources Map	Dizhi Chubanshe / Geological Publishing House	1:5,000,000	1992 - 1992	1
Afghanistan 1:250,000 Scale USGS Geological Maps	United States Geological Survey	1:250,000	2005 - 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	Voенно-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	Varies	1944 - 2003	3017
Soviet Military 1:100,000 Scale Topographic Maps	Voенно-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:100,000	1947 - 1999	24897
Soviet Military 1:200,000 Scale Topographic Maps	Voенно-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:200,000	1949 - 2009	17799
Soviet Military 1:500,000 Scale Topographic Maps	Voенно-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:500,000	1953 - 1998	3093

Nautical

Series	Publisher	Scale	Years	Sheets
NGA Nautical Charts POD Certified (All Scales)	National Geospatial-Intelligence Agency	Varies	1943 - 2013	4517

Aeronautical

Series	Publisher	Scale	Years	Sheets
Joint Operations Graphic (JOG) 1:250,000 - Aeronautical	Defence Mapping Agency	1:250,000	1958 - 2007	4204
Tactical Pilotage Chart (TPC) 1:500,000 Scale - Aeronautical	Defence Mapping Agency	1:500,000	1967 - 2006	598
Operational Navigation Chart (ONC) 1:1,000,000 Scale - Aeronautical	Defence Mapping Agency	1:1,000,000	1969 - 2001	243
Jet Navigation Chart (JNC) 1:2,000,000 Scale - Aeronautical	Defence Mapping Agency	1:2,000,000	1971 - 1999	117
Global Navigation and Planning Chart (GNC) 1:5,000,000 Scale - Aeronautical	Defence Mapping Agency	1:5,000,000	1981 - 1999	27

Geoscientific

Series	Publisher	Scale	Years	Sheets
Soviet Military 1:1,000,000 Scale Topographic Maps	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:1,000,000	1948 - 1994	1089

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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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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