

Country Profile: Singapore

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Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Singapore 1:25,000 Scale Topographic Maps	Mapping Unit, Ministry of Defence	1:25,000	1992 - 1992	4
Singapore 1:50,000 Scale Topographic Maps	Mapping Unit, Ministry of Defence	1:50,000	1987 - 1987	1

Nautical

Series	Publisher	Scale	Years	Sheets
Singapore Nautical Charts (All Scales)	The Maritime and Port Authority of Singapore	Varies	2012 - 2024	9

Geoscientific

Series	Publisher	Scale	Years	Sheets
Indonesia 1:5,000,000 Scale Geological Maps	Pusat Penelitian dan Pengembangan Geologi	1:5,000,000	1996 - 1996	1
Indonesia 1:10,000,000 Scale Geological Maps	Pusat Penelitian dan Pengembangan Geologi	1:10,000,000	2000 - 2000	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 Singapore census resources.

Global Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Soviet Military City Plans	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	Varies	1944 - 2003	3017
Soviet Military 1:100,000 Scale Topographic Maps	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:100,000	1947 - 1999	24897
Soviet Military 1:200,000 Scale Topographic Maps	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:200,000	1949 - 2009	17799
Soviet Military 1:500,000 Scale Topographic Maps	Voenno-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

Prior to 1965 mapping of the island of Singapore was carried out by British and Malay agencies, but after independence responsibility passed to local organizations. Topographic and aerial photographic surveys are carried out by the **Mapping Unit (SMU)**, part of the **Ministry of Defence**, which acts as the island's national mapping agency. The **Survey Department (SSD)**, part of the **Ministry of Law**, is the civilian mapping and charting authority. It is responsible for geodetic triangulation, levelling and cadastral surveying and mapping.

The basic scale topographic survey of Singapore is at 1:5,000, and a series of 114 line maps gives complete coverage. These are derived from aerial photographic coverage, and are updated on a three-yearly cycle. A 1:10,000 scale series (SMU1168) is a two-color map road map indicating names of streets and buildings, complete in 24 sheets. The four-color 5 m contoured 1:10,000 scale (SMU10) series is complete in 30 sheets. Cadastral surveys of Singapore at a scale of 1:1,000 are carried out by the private sector, coordinated by **SSD**.

Derived smaller scale mapping includes 1:25,000 coverage, published as a four-sheet road map and revised to 1997, or as orthophoto maps revised to 1995, and various single-sheet 1:50,000 scale maps on the Cassini Soldner Rectangular projection, Everest ellipsoid. (SMU075) is a seven-color topographic map, last revised in 1993; (SMU1200) is an outline version of this map.

Soviet military topographic mapping of Singapore is available at the following scales: 1:1,000,000 (1 sheets, complete coverage, published in 1960); 1:500,000 (1 sheets, complete coverage, published in 1961); 1:200,000 (4 sheets, complete coverage, published in 1983) and a city (1:25,000) topographic map of Singapore published in 1982. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Nautical

The **Hydrographic Department** in the **Maritime and Port Authority** was established in 1965 and is responsible for hydrographic

survey of Singapore waters and the Strait of Malacca, and the publication of a range of 30 nautical charts.

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Geological/Scientific

The **Geological Unit** of the **Public Works Department** compiled 1:25,000 scale full color geological coverage of Singapore in the 1970s, with assistance from the UN and from New Zealand. This series was published with accompanying reports. Hydrogeological mapping of the island was compiled by the German **Bundesanstalt für Geowissenschaften und Rohstoffe (BfGR)** and published with explanations in *Geologisches Jahrbuch*.

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Soil

The 1:63,360 scale soil map of the island published by the **New Zealand Soil Bureau (NZSB)** remains the best available soil coverage of Singapore.

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Atlas

The *Singapore street directory digital data* comprises 12 digital locality maps at 1:50,000 scale, and 253 sectional digital maps at a number of larger scales, as well as a grid-based street directory index and map.

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Tourist/Reference

Conventionally published streetfinders are issued by a number of European commercial publishers, for example **Berndtson and Berndtson (B&B)**, **Freytag-Berndt (FB)** **Macmillan** and **Lascelles**. **ERA Maptech International**, Dublin, publishes an image map of Singapore. Two locally based publishers also maintain active ranges of commercial mapping. **APA Publications** issues tourist guides and maps, often in conjunction with German map and guide publishers **Nelles Verlag**. **Periplus Editions** produces probably the most comprehensive range of town and tourist mapping for countries in the South East Asian region.

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