

Country Profile: Mongolia

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Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Mongolia 1:100,000 Scale Topographic Maps	GS	1:100,000	1957 - 1985	1,155
Mongolia 1:200,000 Scale Topographic Maps	MRAM	1:200,000	1986 - 2005	325
VMAPO 1:1,000,000 Scale Vector Data	NIMA	1:1,000,000	1992	4

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
Mongolia 1:200,000 Scale Geological Maps	MRAM	1:200,000	1951 - 2014	305
Mongolia 1:1,000,000 Scale Geological Maps	MRAM	1:1,000,000	2001 - 2002	14
Mongolia 1:1,000,000 Scale Tectonic Maps	MRAM	1:1,000,000	2002	14

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 Mongolia 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

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

Geoscientific

Series	Publisher	Scale	Years	Sheets
Soviet Military 1:1,000,000 Scale Topographic Maps	VTU GSh	1:1,000,000	1948 – 1994	1,089

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 national mapping agency in Mongolia is the **Ulsin Geodezi Zupag Züjn Gazar (UGZZG) (State Administration for Geodesy and Cartography)**, which was established under this name in 1970. Before its creation a number of different agencies had carried out mapping activities. Geodetic control and mapping specifications conform to Soviet standards and were established between 1935 and 1955. Topographic surveys are published on the Gauss conformal cylindrical projection and the Krassovsky ellipsoid.

Soviet military topographic mapping of Mongolia is available at the following scales: 1:1,000,000 (17 sheets, complete coverage, published 1969-1988); 1:500,000 (50 sheets, complete coverage, published 1970-1982); 1:200,000 (340 sheets, complete coverage, published 1970-1992); 1:100,000 (1,128 sheets, complete coverage, published 1969-1994) and city (1:25,000) topographic mapping of Choybalsan (Choibalsan) and Ulaanbaatar published between 1981 and 1982. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

Only after the rationalization of surveying and mapping in 1970 were resources shifted into larger scale programs. **UGZZG** now maintains photogrammetric programs at 1:50,000 scale, which covered 40 percent of the country in 1999, and 1:25,000 scale covering 30 percent. Larger scale programs are in progress for urban areas, with coverage at scales between 1:500 and 1:10,000 scales.

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Geological/Scientific

The **Institute of Geology of the Mongolian Academy of Sciences, (Geologi Erdes Bajalgijn Hureelen (GEBH))** was established in 1966, and has been involved in the compilation and publication of standard geological series mapping of the country, carried out by the **Geological Survey of Mongolia** in the **Mineral Resources Authority**. 144 1:200,000 scale sheets have been published, with 40 1:500,000 and nine 1:1,000,000 scale maps also maintained. Small-scale coverage is available for a number of geological, minerals and tectonic themes. Among recent projects has been the publication of a 15-sheet hydrogeological map of the country at 1:1,000,000 scale, in

conjunction with **UGZZG**, and with the German **Bundesanstalt für Geowissenschaften und Rohstoffe (BfGR)**. In 1996 **SPOT Image** signed an agreement to establish a national geological and mining information system, in collaboration with the French **Bureau de Recherches Géologiques et Minières (BRGM)**.

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Vegetation/Forestry

Other recent overseas involvement has included a project from the **Swedish SSC Satellitbild** for 16-class land cover and land use mapping of a block of 35 1:50,000 scale sheets near to Ulaanbaatar, in cooperation with the **Mongolian Ministry of Nature and the Environment**, which has resulted in the creation of a digital resources database for the area.

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Thematic

UGZZG also publishes small and medium scale mapping and atlases for the education market, and collaborates with other Mongolian official agencies in the publication of thematic maps of the country, notably, 1:1,000,000 scale coverage for seven themes and covering the country in 14 sheets.

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Atlas

In the 1980s the National Atlas was compiled, with assistance from the Soviet Union, and coordinated by the **Mongolian Academy of Sciences (Shinzhleh Uhaany Akademi (SUA))**. The completed atlas was published in 1990, in Russian or Mongolian language editions, and included 276 thematic map plates.

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Tourist/Reference

International Travel Maps (ITM) has compiled a map of the country, and the best available town map of the capital is from the Polish agency **BAKS**.

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