

Country Profile: Vietnam

Country Profile (PDF)

Country Resources

Topographic

| Series | Publisher | Scale | Years | Sheets |
|---|-----------|-----------|-------------|--------|
| Vietnam 1:50,000 Scale Topographic Maps (VN2000) | MNRE | 1:50,000 | 1981 - 2009 | 573 |
| Vietnam 1:100,000 Scale Topographic Maps (VN2000) | MNRE | 1:100,000 | 2001 - 2005 | 171 |
| Vietnam 1:10,000 Scale Topographic Maps (Hanoi) | SDGC | 1:10,000 | 1968 - 1988 | 41 |
| Vietnam 1:50,000 Scale Topographic Maps (DMA L7014) | DMA | 1:50,000 | 1957 - 1989 | 503 |
| Vietnam 1:25,000 Scale Vector Data | EVG | 1:25,000 | 2012 | 983 |
| Vietnam 1:50,000 Scale Vector Data | EVG | 1:50,000 | 2010 | 617 |
| Laos 1:200,000 Scale Topographic Maps | SGE | 1:200,000 | 1987 | 51 |

Nautical

| Series | Publisher | Scale | Years | Sheets |
|--|-----------|--------|-------------|--------|
| Vietnam Nautical Charts (All Scales) | VPN | Varies | 1979 - 2023 | 199 |
| Vietnam Nautical Charts (All Scales) HSDN | HSDN | Varies | 2016 - 2025 | 93 |
| Vietnam Nautical Charts (All Scales) VMS South | VMS | Varies | 2024 - 2025 | 68 |

Geoscientific

| Series | Publisher | Scale | Years | Sheets |
|--|-----------|-------------|-------------|--------|
| Vietnam 1:200,000 Scale Geological Maps | GMR | 1:200,000 | 1995 - 2005 | 56 |
| North Vietnam 1:500,000 Scale Series 1963 Geological Maps | GMR | 1:500,000 | 1963 | 4 |
| Vietnam 1:500,000 Scale Geological 1988 Series Maps | GMR | 1:500,000 | 1988 | 26 |
| Tectonic Map of North Vietnam 1:2,000,000 Scale | GMR | 1:2,000,000 | 1963 | 1 |
| 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 |
| Indonesia Horizon Geoconsulting Wireline Logs | HG | Varies | 2023 | 3 |
| Vietnam 1:500,000 Hydrogeological Maps | TCDC | 1:500,000 | 1987 | 4 |

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 Vietnam 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

Official mapping of Vietnam is carried out by divisions of the **General Directorate of Land Administration (Tong Cuc Dia Chin (TCDC))** in Hanoi. In 1997 the **Cartographic Mapping Institute**, the **Cartographic Publishing House** and the **Department of Land Administration Printing Enterprise** merged to form a single mapping body responsible for the publication of all official mapping of the country and designated as the **Cartographic Publishing House**.

The history of official mapping of Vietnam can be traced back to the foundation of a mapping office in 1899 in Hanoi by the French. Topographic surveying under French colonial authorities included a program of 1:100,000 scale coverage, based upon the Bonne projection, Clarke 1880 ellipsoid, as well as larger scale coverage of some areas. 1:100,000 coverage of most of Indochina was revised in the early 1950s using aerial photography.

For the 20 year period from 1955 to 1975 Vietnam was divided. Mapping of South Vietnam was carried out from the Dalat headquarters of the **National Geographic Directorate**, with aid from the American **Army Map Service**. Re-triangulation and photogrammetric interpretation of aerial photography allowed the production of a new 1:50,000 scale series, using the UTM projection, Everest ellipsoid,

and employing a 15' x 15' sheet format, which was completed in 1967. During the American Vietnam War picto- and orthophoto-mapping at larger scales was carried out for many areas of the country. A 1:250,000 scale series was also completed and revised, with 16 sheets for each 1:1,000,000 IMW quadrangle. Meanwhile North Vietnam was mapped according to Russian specifications by the **National Administration of Geodesy and Cartography**, with maps using the Gauss Conformal transverse cylindrical projection, Krassovsky ellipsoid, and published for the whole of North Vietnam at scales of 1:50,000, 1:100,000, 1:200,000, 1:500,000 and 1:1,000,000.

Sheets have been revised using satellite imagery, with few changes to specifications, American style mapping continues to be published for southern areas of the country. A total of 588 1:50,000 scale maps are needed to cover the whole of the unified Vietnam, 1:100,000 coverage needs 164 sheets and 1:250,000 scale mapping requires 40 sheets.

Soviet military topographic mapping of Vietnam is available at the following scales: 1:1,000,000 (9 sheets, complete coverage, published 1965-1985); 1:500,000 (18 sheets, complete coverage, published 1965-1992); 1:200,000 (89 sheets, complete coverage, published 1965-1983); 1:100,000 (265 sheets, complete coverage, published 1978-1991) and city (1:10,000) topographic mapping of Da Nang, Haiphong, Hanoi, Hue and Saigon (Ho Chi Minh City) published between 1976 and 1982. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Geological/Scientific

Earth science mapping of Vietnam is carried out by the **Geological Survey in Hanoi**, now **Cuc Dia Chat Vietnam (CDCV)**, formerly the **General Department of Mines and Geology (GDMG)**. A 1:200,000 scale map is produced and English language 1:500,000 scale coverage is complete in 23 sheets, including three legend sheets and a sheet index – coverage extends to islands in the South China Sea. Three different versions of these sets are published to show geology, hydrogeology, and mineral resources. Many other smaller-scale themes are also published.

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Soil

The **Ministry of Agriculture (Bo Nong Nghiep (BNN))** has published soils maps of the country.

CDCV compiled 1:500,000 scale Vietnamese-language soil mapping of the North in the 1970s, and has compiled agro-ecological and soil mapping of the Mekong Delta at 1:250,000 scale, published in the 1990s as bilingual maps, with Vietnamese sheet explanations.

in the 1960s and early 70s.

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Thematic

In addition, new larger scale photogrammetric series have been started, with 1:5,000 scale coverage for agricultural areas, 1:10,000 for plateaus and 1:25,000 for development areas in mountains. Numerous smaller scale maps are also produced by **TCDC**, often in bilingual English and Vietnamese versions. Administrative mapping of the country is published as a set of sheets for the 52 provinces, where scales vary and each province appears at a similar size.

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Atlas

The first national atlas of the country was published in 1996 and included 1:2,500,000 scale mapping of many themes as well as smaller scale coverage.

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Tourist/Reference

With the opening of Vietnam to tourism and the global economy has come an increasing diversity of commercially published mapping of the country. General maps are now available from **Berndtson & Berndtson (B&B)**, **International Travel Maps (ITM)** and **Periplus**, and a tourist atlas from **Lonely Planet**. The country is also mapped on coverage of Indo China from **Institut Géographique National (IGN)**, **Nelles Verlag**, and **Cartographia**. **ITM** also recently published the best widely available town mapping of Hanoi and Ho Chi Minh City, in conjunction with the **Cartographic Mapping Institute**.

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