

## Country Profile: El Salvador

Country Profile (PDF)

### Country Resources

#### Topographic

Series	Publisher	Scale	Years	Sheets
El Salvador 1:50,000 Scale Topographic Maps (DMA E753)	DMA	1:50,000	1974 - 1999	41
El Salvador 1:50,000 Scale Topographic Maps	IGNES	1:50,000	1984 - 1988	27
El Salvador 1:100,000 Scale Topographic Maps	IGNES	1:100,000	1966 - 1970	11

#### Geoscientific

Series	Publisher	Scale	Years	Sheets
El Salvador 1:100,000 Scale Geological Maps	BGR	1:100,000	1978	6
El Salvador 1:500,000 Scale Geological Map	CIG	1:500,000	1974	1
El Salvador 1:300,000 Scale Aeromagnetic Map	IGNES	1:300,000	1981	1
Nicaragua 1:500,000 Scale Geological Maps	INETER	1:500,000	1995	4

#### Thematic

Series	Publisher	Scale	Years	Sheets
El Salvador City Maps	CNR	Varies	2003 - 2007	13
The World 1:30,000,000 Scale Topographic Map Series 1145 (NGA)	DMA	1:30,000,000		2

### Global Census Archive: GIS Census Data

Year	Questions / Answers	ADM Level	Polygons at ADM	Data Points
2007	58 / 1,162	2	273	317,226

### 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.

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## Historical Country Mapping Information

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### Topographic

Topographic mapping in El Salvador is the responsibility of the **Instituto Geográfico Nacional 'Ingeniero Pablo Guzman' (IGNES)**, located at Ciudad Delgado. The organization was founded as the **Oficina de Mapa**, in 1946. Modern topographical mapping was carried out in collaboration with the **Inter-American Geodetic Survey (IAGS)** from the early 1950s, following acquisition of a complete 1:40,000-scale air photo cover in 1949 and again in 1954 at scales of 1:30,000 and 1:60,000. The main printed series is the 1:50,000 scale topographic map in 54 sheets, issued since 1955. This five-color map is on a Lambert conformal conical projection, Clarke 1866 ellipsoid, and has a 20 m contour interval. Sheets each cover an area of 10 minutes of latitude by 15 minutes of longitude. The first edition was completed in 1969 and currently all but a few sheets are in a third edition, based on photography obtained in 1981.

A basic map series at 1:20,000 scale (1:30,000 in mountainous areas) was also undertaken using the 1954 air photography, and all 196 sheets were completed in 1969. These sheets are issued as dye-lines, and have a 10 m contour interval. Priority is now given to a new basic map of the country at 1:25,000 scale which is nearing completion in about 200 sheets, and will supersede the earlier series.

A six-sheet 1:100,000 scale series was published in 1974. It is on a Lambert conformal conic projection and has a 50 m contour interval.

Soviet military topographic mapping of El Salvador is available at the following scales: 1:1,000,000 (2 sheets, complete coverage, published 1969-1990); 1:500,000 (3 sheets, complete coverage, published 1985-1988); 1:200,000 (1 sheets, southern coverage, published in 1984) and city (1:10,000 to 1:25,000) topographic map of San Salvador published in 1980. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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### Geological/Scientific

Geological mapping was undertaken in the 1970s by the West German Geological Mission to El Salvador in collaboration with the **Centro de Investigaciones Geotécnicas (CIG)**, San Salvador, and a series of six 1:100,000 scale geological sheets was published by **Bundesanstalt für Geowissenschaften und Rohstoffe (BfGR)**, together with a single sheet 1:500,000 scale map of the whole country.

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## Soil

A number of small-scale resources maps of the country were produced in the 1970s. **Dirección General de Recursos Naturales Renovables (DGRNR)** undertook fieldwork for a series of 1:200,000 scale agro-ecological maps and a six-sheet soil and agricultural land use series at 1:100,000 scale. From 1994-98, a project supported by the **Food and Agriculture Organization (FAO)** and the Dutch government was undertaken by the **Centro Nacional de Tecnología Agropecuaria y Forestal (CENTA)** (Proyecto CENTA-FAO-Holanda). This focused on the problems of sustainable agriculture in mountainous areas, and the development of participatory planning for soil and water conservation. Landscape, watershed, and soil mapping, together with other environmental information prepared for this project, has been incorporated in a digital Land Information System (*Sistema de Información de Tierra*). Digital elevation data have also been captured from 100 m contours. Proposals were in hand in 1998 to extend the **CENTA** project.

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## Cadaster

Cadastral mapping has been completed for many urban areas at 1:5,000 scale and at 1:10,000 scale for rural areas. The registration of land is in need of a complete overhaul, and with the more settled political situation in the country, a program has been initiated to modernize the cadastre, and establish a digital land parcel database for the whole country. A **Centro Nacional de Registros** was created in 1994 to proceed with this mission, and there were plans to establish a new geodetic network adjusted to WGS 84 Datum, using GPS software.

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## Tourist/Reference

Good, recent general maps of the country are published by **International Travel Maps (ITM)** and by the **Banco Agrícola y Comercial**, San Salvador, with cartography by **Allan Cartography** in the United States.

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## Census/Demography/Statistics

Mapping for the demographic censuses is undertaken by the **Dirección General de Estadística y Censo (DGEC)**. New photography of urban areas was obtained in 1988 for this purpose.

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