

BASIC TERRITORIAL INFORMATION GROUP Spatial Data Infrastructure, CHILEAN - SDI (SNIT)



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XXV International FIG Congress
Kuala Lumpur, Malaysia, 16–21 June 2014

Military Geographic Institute

MISIÓN

- *Constitutes the official authority, on a permanent basis and representing the State, in all matters relating to geography, surveying and mapping of the Chilean territory.*

MISIÓN

- *Constitutes and provides a permanent technical information service concerning the Chilean geography, as required by State organisations for the development and security of the nation.*

VISIÓN

- **Constitutes the national point of reference where the creation of geo-spatial information starts.**



STAFF 2014



300 PROFESSIONAL STAFF



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SOME FACTS: GENERAL DESCRIPTION OF CHILE

- **Total Surface: 2,006,096 Km².**
- **Population: 2012 Census (INE): 16,634,630 inhabitants.**
- **Costal Line: 6435 kms. 4630 kms. North to south.**



International boundaries:

- **Peru: 180 kms.**
- **Bolivia: 850 kms.**
- **Argentina: 5,600 kms.**



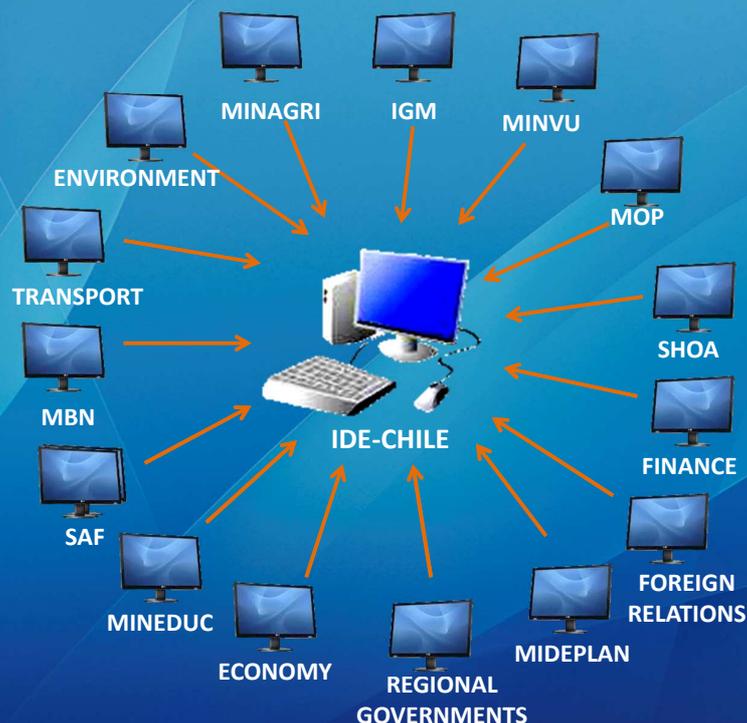
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IDE-CHILE

- *The Geospatial Data Infrastructure of Chile, “SDI-Chile”, is a network of public institutions working in a coordinated and collaborative manner in order to make available to the whole community current and reliable geospatial information that is useful for public and private management, also serving the citizens needs.*
- *This government initiative is led by the Ministry of National Assets and Resources, whose Minister performs the role of President of the Council of Ministers for Spatial Information. From this ministry the SDI members receive guidelines to optimize information management in their organizations, facilitate its usage and citizen access as well.*

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SDI-CHILE



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THE ROLE OF SDI- CHILE

- *Coordinate actions at national and regional levels aimed at strengthening institutional support systems which require proper management of geospatial information.*
- *Give timely and prompt access to geospatial information in the country through technological tools, procedures and good practices.*
- *Promote the use of geospatial information at state institutions in the creation of public policies and decision-making procedures.*
- *Provide a guiding framework to all producers and users of geospatial information institutions concerning standards, regulations and technical specifications.*
- *Support the strengthening and creation of capabilities in producers, users and decision makers involved in the management processes of geospatial information.*

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Organization of the Chilean SDI

Territorial Information Council



Executive Secretariat

Interministerial Technical
Committee

Regional SDIs

Thematic areas

Working Groups

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Council of Ministers for Spatial Information

Chaired by the **Minister of National Assets** and Resources. In this the **Interior, Foreign Relations, Defense, Finance, Economy, Development and Tourism, Social Development, Education, Public Works, Housing and Urban Development, and Agriculture Ministries** all participate.

Its function is to resolve and propose general guidelines and actions within the system regarding the consolidation of the Chilean Geospatial Data Infrastructure.

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Executive Secretariat (ex-SNIT)

Directed by the **Executive Secretary of SDI-Chile**, this is a multidisciplinary team of professionals, mainly in the area of Geomatics.
It is responsible for the operational coordination of public institutions and the development and consolidation of the National Geospatial Data Infrastructure.

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Interministerial Technical Committee

Representative of the Defence Ministry, Mrs. Viviana Ambler González, Head of the Institutional Policies Department of the Armed Forces Sub-Secretariat

Chaired by the **Executive Secretary of SDI-Chile** and comprising **representatives of the Ministries** participating in the **Council of Ministers for Territorial Information**. Its function is to advise and assist the SDI Executive Secretary in relation to the policies of land information management and the development and consolidation of the National Geospatial Data Infrastructure.

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Regional SDIs

Led by the Regional Intendant and coordinated by a Regional Government professional. Regional SDIs are integrated by the Regional Government and various sectors and regional services. The **main function** of the **SDI** in this territorial level is to facilitate the proper **management of geospatial information within that region of Chile.**

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Thematic areas

Its functions are to **coordinate the management of geospatial information within the institutions** that comprise it, **share best practices that contribute to strengthen sectorial Geospatial Data infrastructure** and **promote the use of information in decision-making at the sectorial level**. There are eight thematic areas, each of which consists of a set of public institutions that work in related issues. These are: **Basic Territorial Information**, Infrastructure, Natural Resources, Property, Planning, Heritage, Social and Regions.

Coordinator of the Thematic Basic Territorial Information Group, GITB: Director of the Military Geographic Institute.

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Working groups

Coordinated by the **Executive Secretariat of SDI-Chile**, their function is to develop multi-sectorial initiatives for specific tasks or topics in the field of geospatial information and its proper management. They are made up of public institutions associated with the particular theme of the working group.

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BASIC TERRITORIAL INFORMATION GROUP, GITB

- *This group consists of organizations which are responsible for generating and developing the fundamental geospatial data of Chile.*
- *Its purpose is to study and implement standards for geospatial information and coordinate responses to national needs regarding topographical, nautical and aeronautical geographic information.*

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The GITB and its organization

On June 6th, 2012 the Minister of Defense appointed the Director of the Military Geographic Institute as coordinator of the Thematic Area for Basic Territorial Information.

Currently, Colonel Rony Jara Lecanda is the Director of the IGM and coordinates the working group.



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**FUNDAMENTAL
DATA**
Defined in 2007



- ✓ Reference system IGM. SIRGAS
- Toponymy IGM
- Administrative Political Boundaries CIREN
- Transportation Infrastructure MOP
- Hydrography
- Relief
- Orthoimage

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Progress report on the definition and collection of fundamental data

- *In 2008, the GITB fixed upon SIRGAS as the Reference System for Chile.*
- *The GITB, at present, is working on three fundamental data: Toponymy, Transportation Infrastructure and Political and Administrative Boundaries of the country which have been developed since 2007 to date.*
- *In 2013 the Toponymy subgroup determined that the official institutions of the national database for names in Chile are: Geographic Military Institute (IGM), National Office for State Frontiers and Boundaries (DIFROL) and the Hydrographic and Oceanographic Service of the Chilean Navy (SHOA).*
- *Regarding the Political Administrative Limits subgroup; in 2013 it obtained the complete Administrative (DPA) Political Division at 1:50,000: borough, provincial and regional boundaries of the country.*

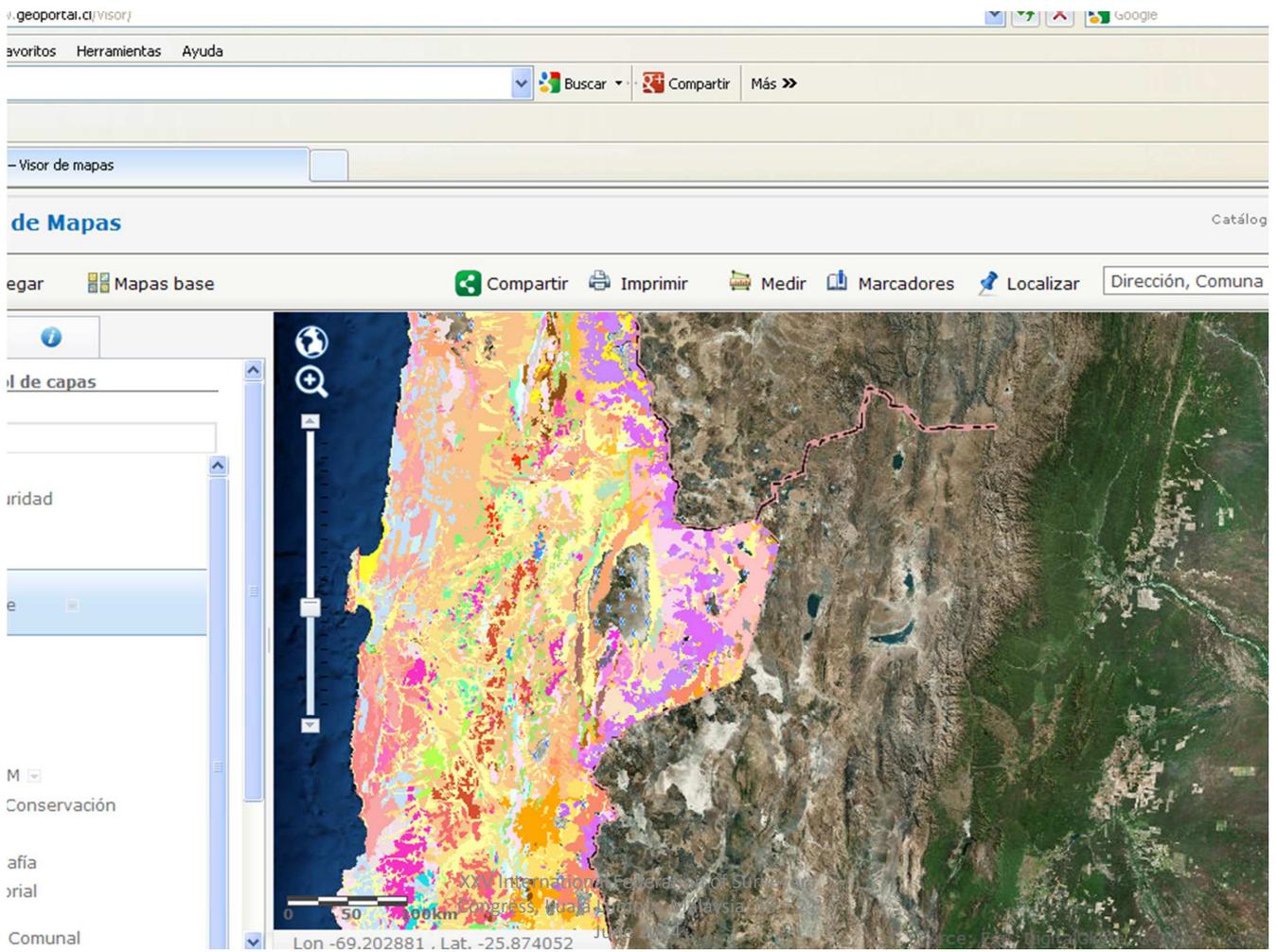
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GITB targets for 2014

1. *Toponymy Subgroup: To continue working on the creation of the National Geoname Database (IGM-DIFROL-SHOA).*
2. *Political Administrative Limits Subgroup: together with DIFROL, work on obtaining the registration certificate of the International Boundary of the country to complete the Administrative Political Boundaries.*
3. *Transportation Infrastructure Subgroup: The Ministry of Public Works will conduct a registry of information: data type and current state to make them available for SDI -Chile.*

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THANKS!!



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