UN-GGIM:Americas
REGIONAL COMMITTEE OF UNITED NATIONS ON GLOBAL GEOSPATIAL INFORMATION MANAGEMENT FOR THE AMERICAS

9° SESSION
UN-GGIM: Americas

National Statistical and Geographic System Bolivarian Republic of Venezuela

José Manuel García

Session 7: Workshop Global Statistical and Geospatial Framework

Instituto Nacional de Estadística
IGVSB

November 28, 29 and 30
Santiago de Chile, ECLAC

Venezuelan Statistical and Geographic System

The National Geographic and Statistical System is the platform in which all the statistical and geographic information of the State is organized, coordinated and synchronized, for the operationalization and scientific measurement of the national reality, the formulation and monitoring of public policies, as well as the timely monitoring and follow-up of the Homeland Plan and the Sustainable Development Goals (SDG).

Venezuelan Statistical and Geographic System

"The National Statistical and Geographic System will generate a set of indicators and will have a comprehensive system of territorial and popular government, for the monitoring and control of the plan as a daily action of participatory and protagonist democracy, with a broad communal organizational base, for maximum efficiency. and efficiency in the timely follow-up of the projects".

Article 10. Constituent Law of the Homeland Plan
April 2, 2019

Venezuelan Statistical and Geographic System

Legal Basis

Homeland Plan

Constituent Law of the Homeland Plan

Decree 3,990
XV Population and Housing Census
(INE with IGVSB support)

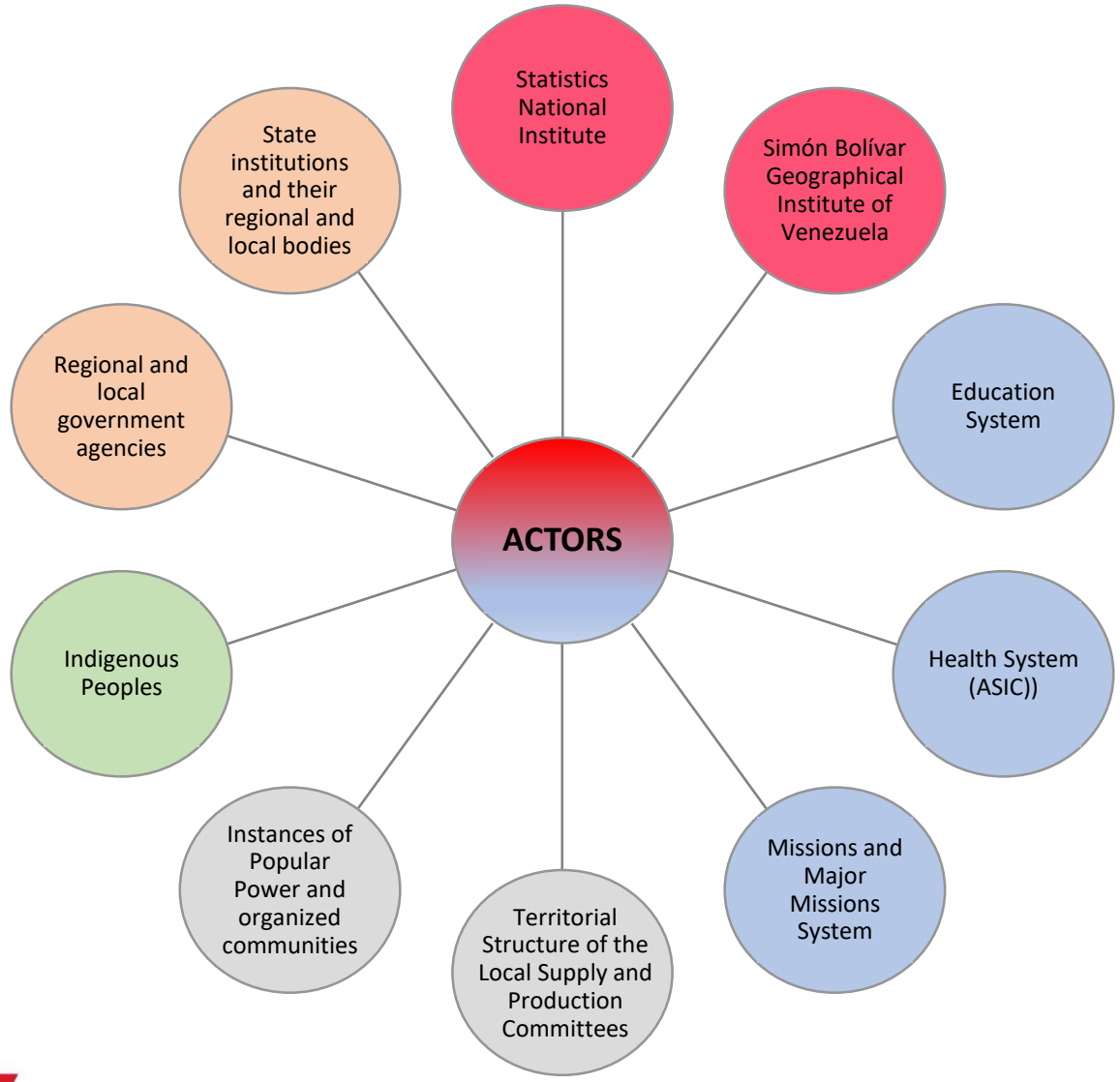
Decree 3.991
Creation of the National Council of Geography and Statistics

Venezuelan Statistical and Geographic System

PREMISES

- ✓ **Territorialized**. Nation wide network, each node covering a homogeneous typology territory.
- ✓ **Resilient**. Guaranteeing continuity of operations in adverse circumstances.
- ✓ **Interlinks and articulates existing information systems**. Geographic and statistical leadership, interoperability, adaptability.
- ✓ **Alliance of actors**, where popular participation is key.
- ✓ **Guarantees timely, quality statistical information**, with full data security and privacy.
- ✓ Strategic line for the development of spatial analysis
- ✓ It must allow the production and analysis of the variables inherent to the construction of socialism.

Venezuelan Statistical and Geographic System



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Technology Platform

- ✓ **Mobile Capture Devices (MCDs).** *Produced by national technology companies.*
- ✓ **Information Capture Applications.** *Development of applications for all information capture operations carried out by the State in the territory.*
- ✓ **Data Collection Nodes.** *Hardware and software for the compilation of data collected in the territory through the DMCs, load control, work organization, coverage and data quality.*
- ✓ **Data brain.** *Data capture, processing and production of all reports and products required by the different stakeholders. It is another key innovation of the system,*

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Cédula Inmobiliaria

The XV National Population and Housing Census will generate, as a result of the registration of real estate units, an instrument called "Cédula Inmobiliaria", individualizing each registration with a unique identification code of quick response or "QR", which constitutes a foundational data and of mandatory use in the State's databases for the simplification of administrative procedures and processes, as well as a link of administrative records associated with public policies.

Article 7. Decree 3.990
September 23, 2019

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SEGN spatial expression

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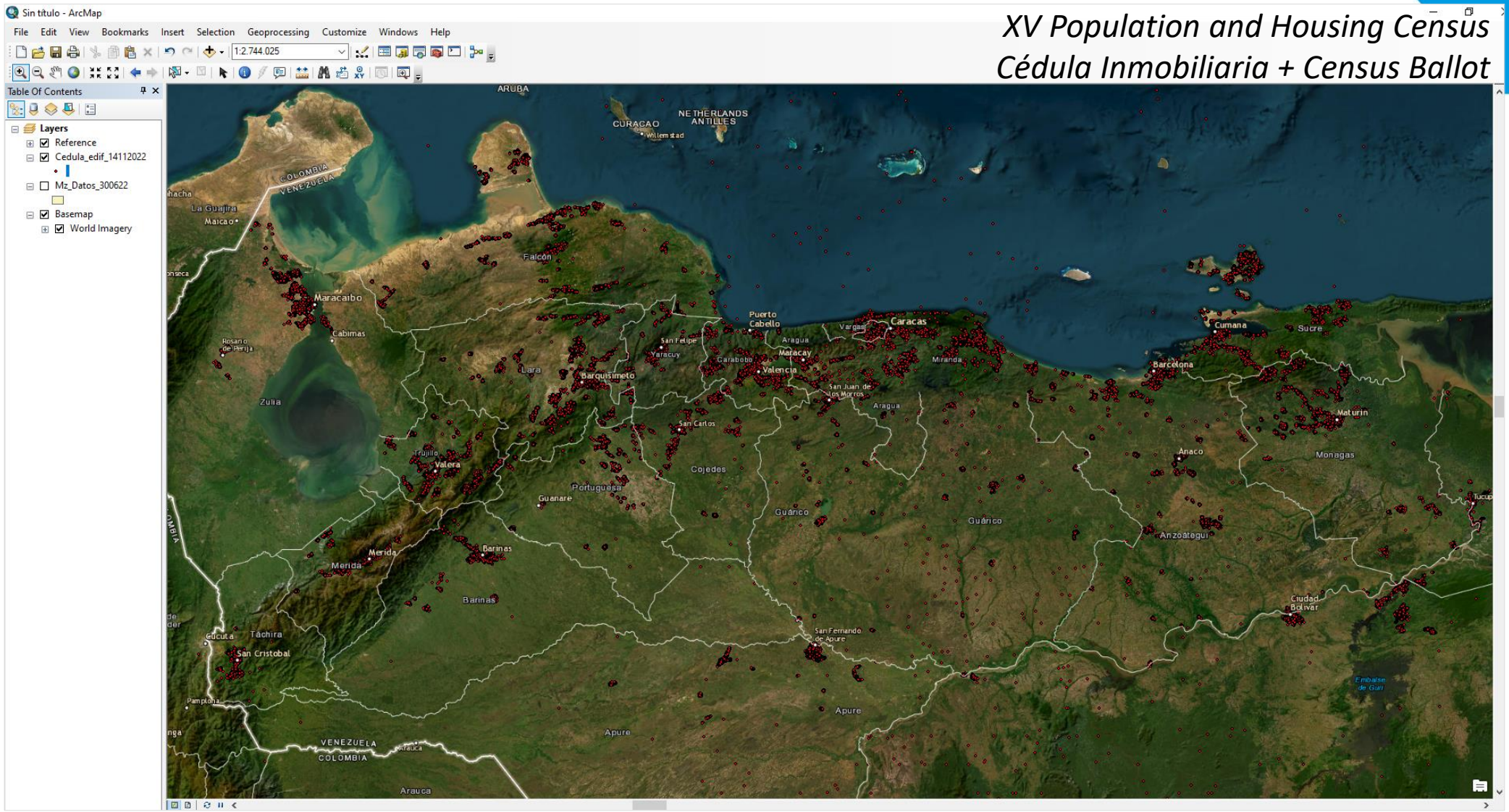
XV Population and Housing Census
Cédula Inmobiliaria + Census Ballot



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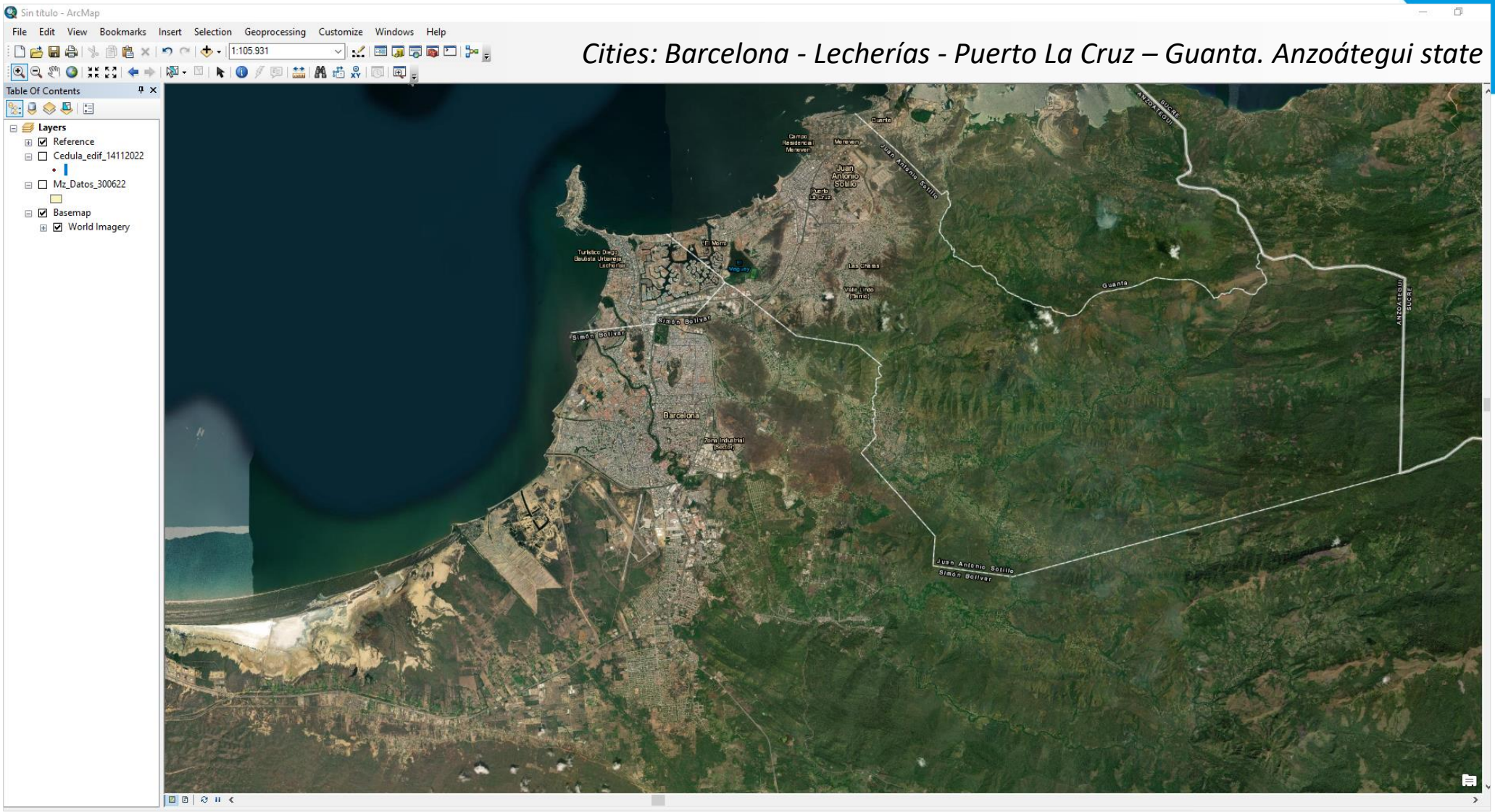

Cities: Barcelona - Lecherías - Puerto La Cruz – Guanta. Anzoátegui state

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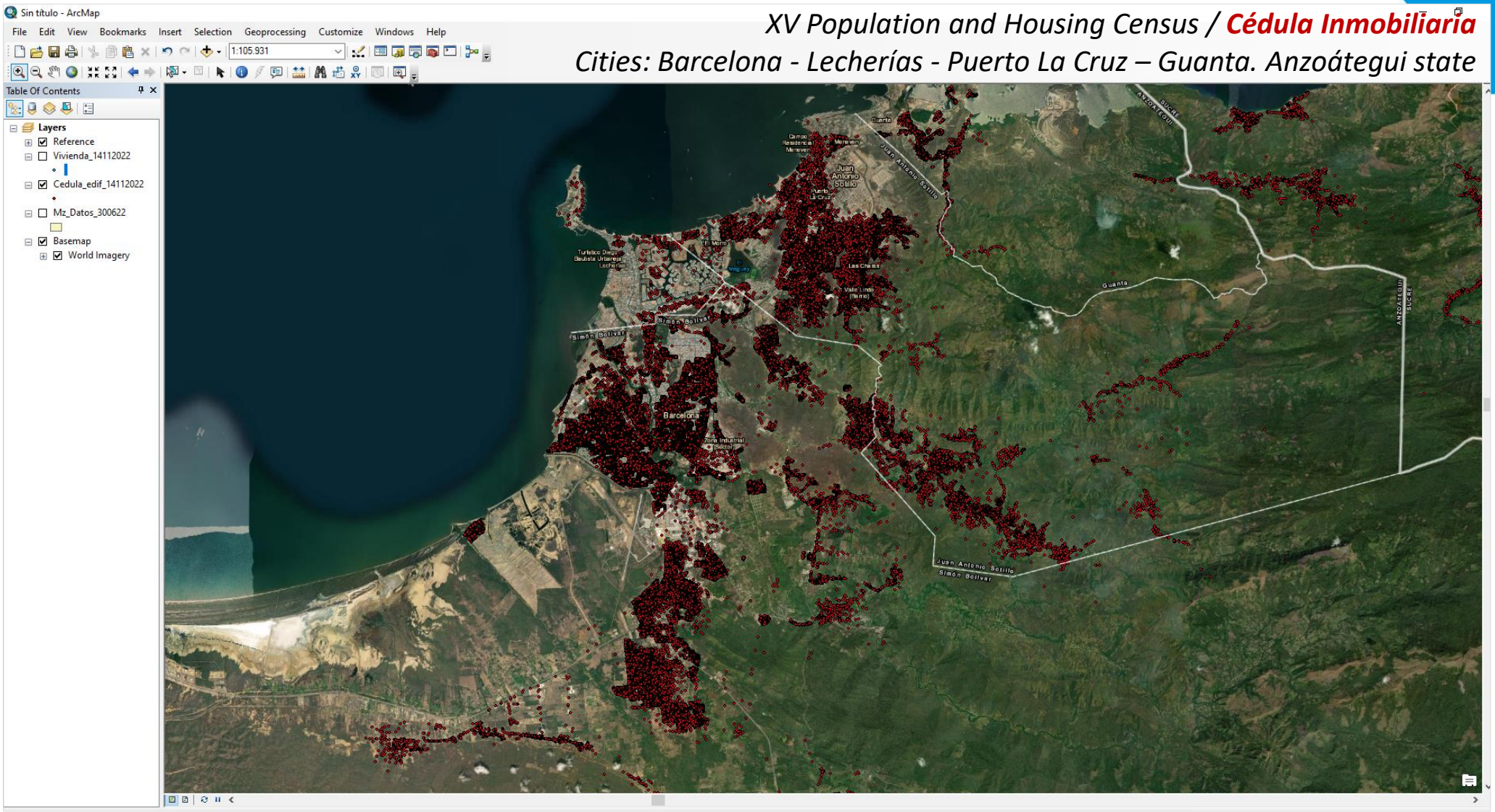
*XV Population and Housing Census / **Cédula Inmobiliaria***

Cities: Barcelona - Lecherías - Puerto La Cruz – Guanta. Anzoátegui state



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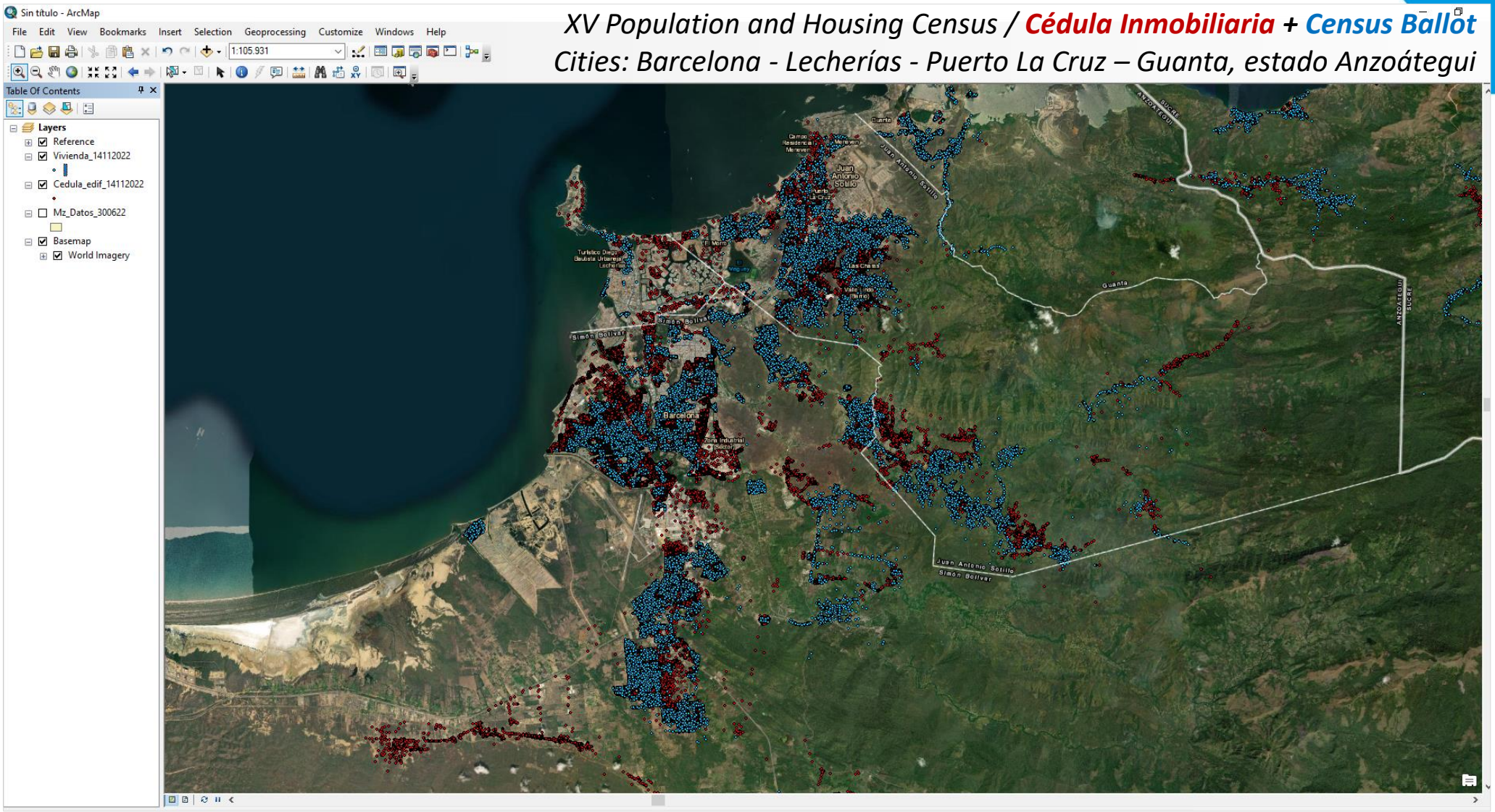

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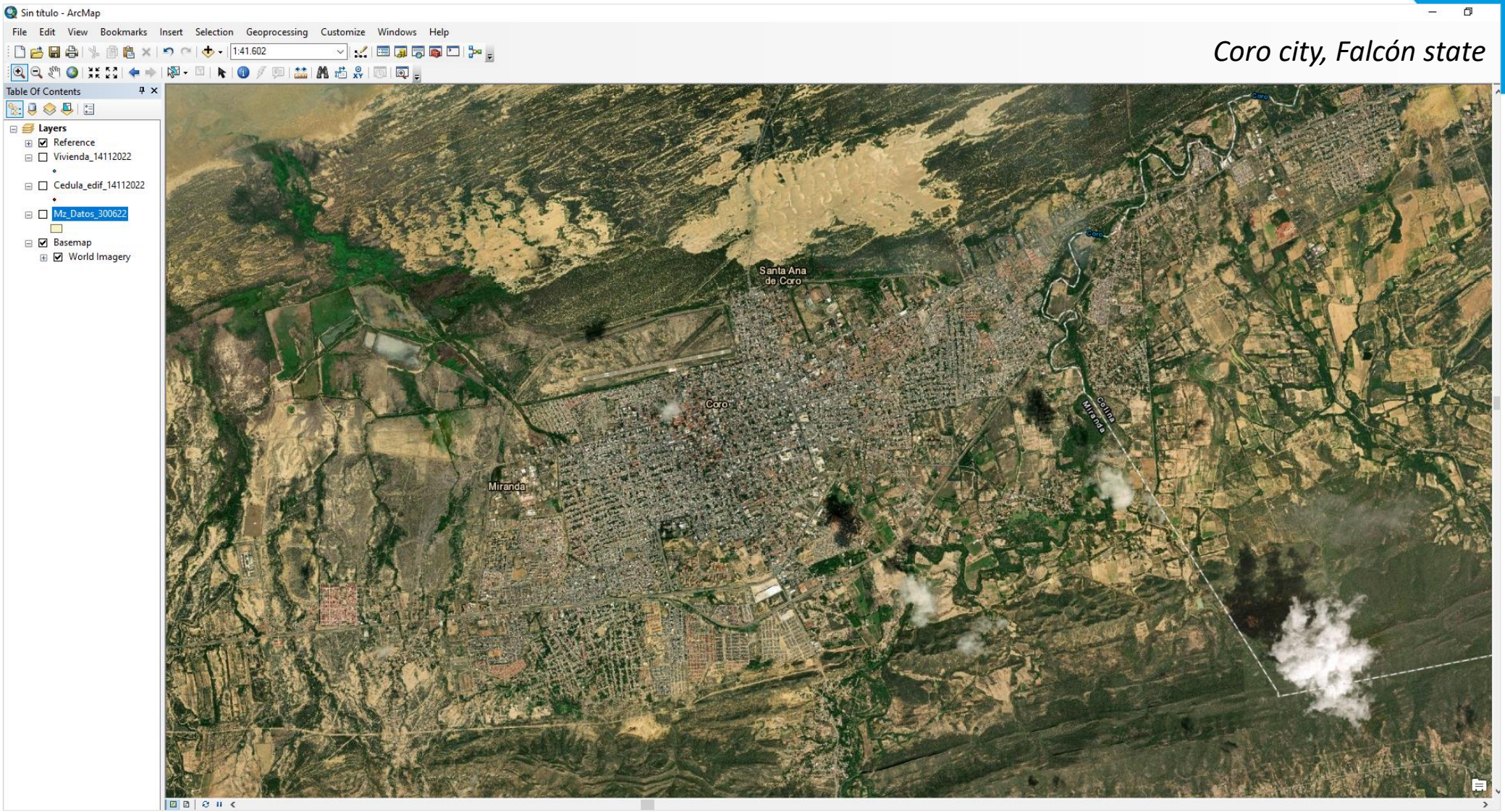
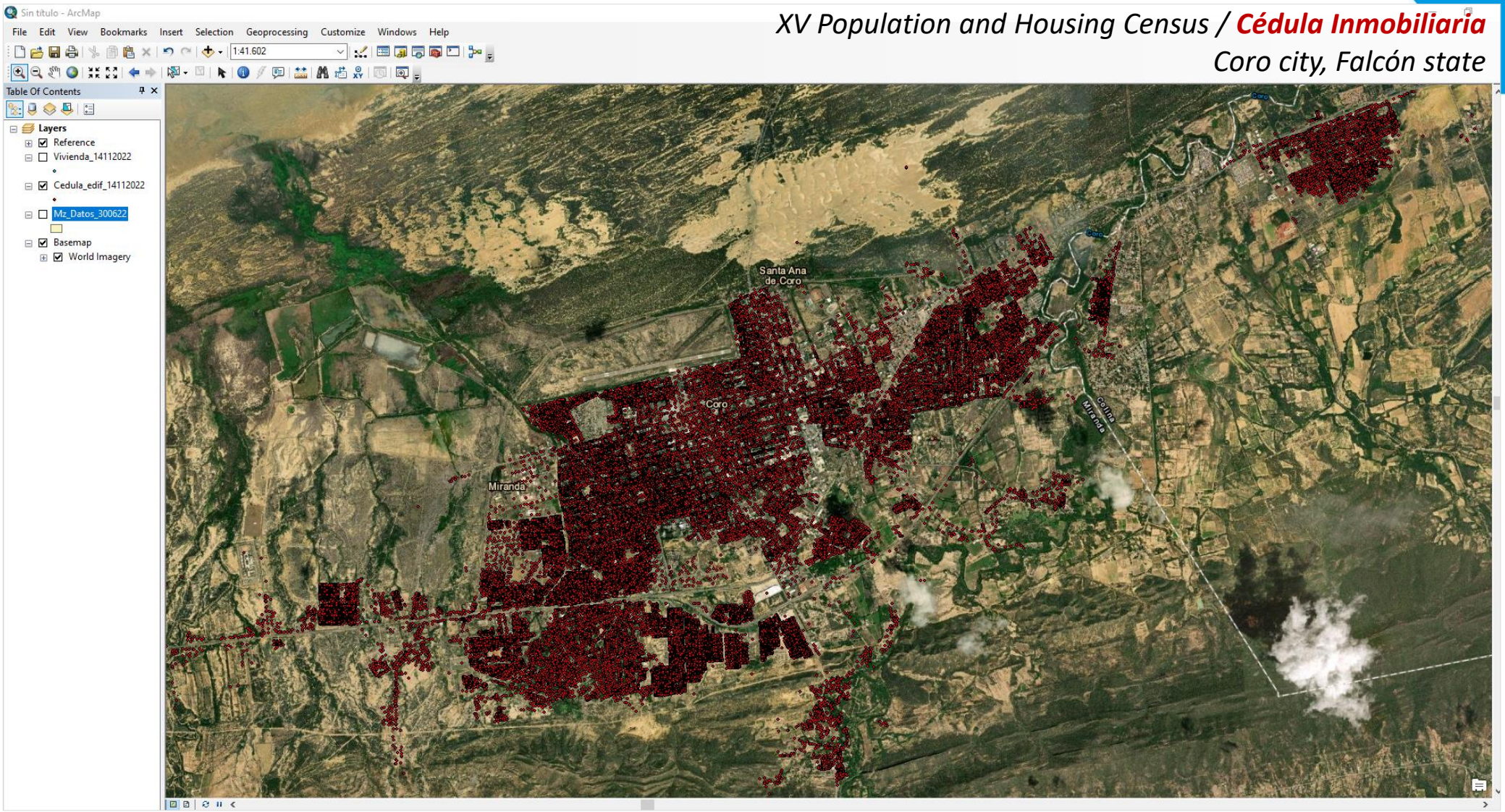


Coro city, Falcón state

Venezuelan Statistical and Geographic System

*XV Population and Housing Census / **Cédula Inmobiliaria***

Coro city, Falcón state



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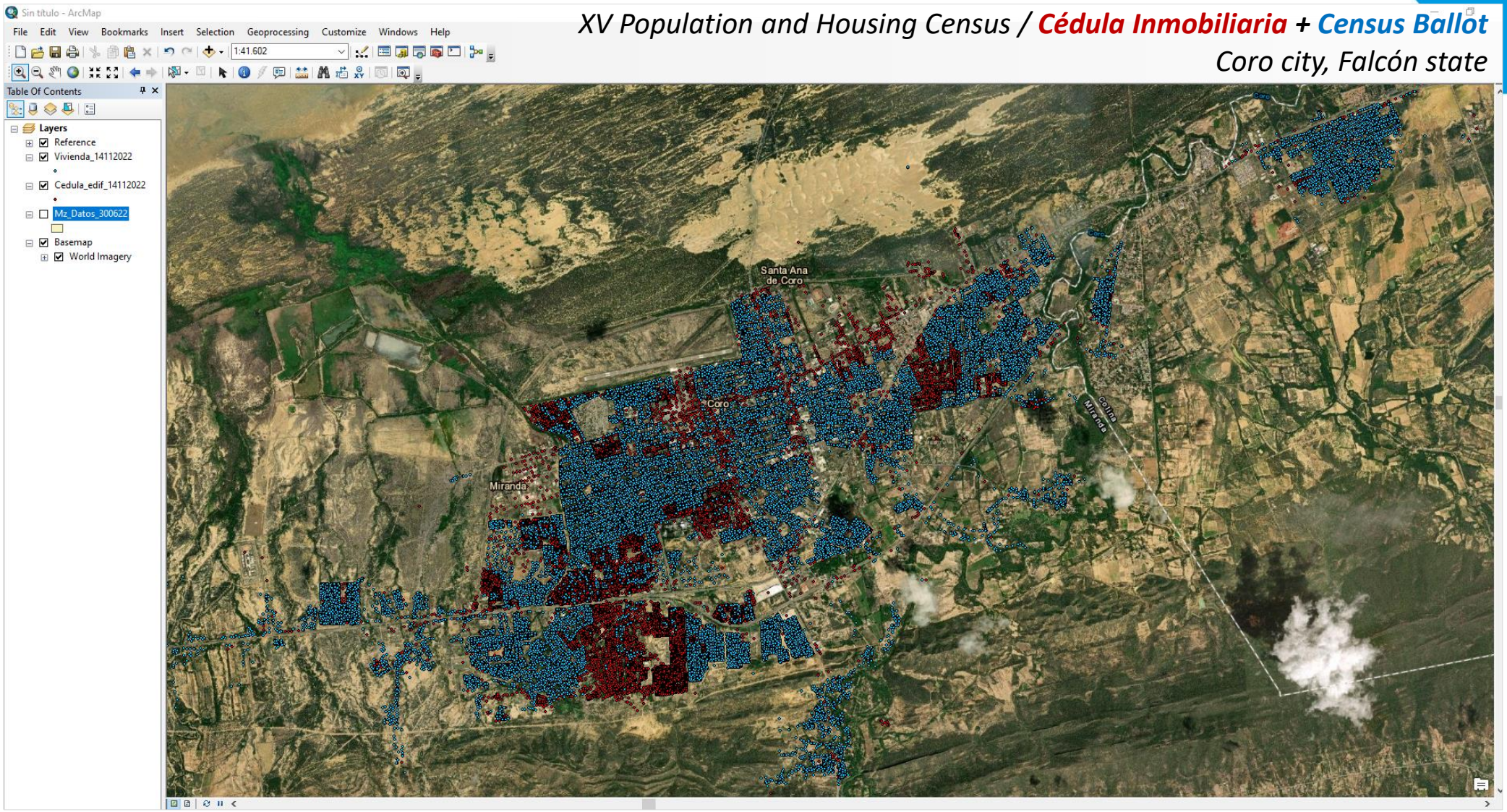

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Dictionary of Community Names

(Geostatistical Analysis at Local Level)

Data Source: Census 2011

Input: Representative name of census segment.

- ✓ 11 million housing units
- ✓ 324 thousand variations of community and street names
- ✓ 289 thousand urban blocks with homologated names.
- ✓ 53 thousand community names
  - 36 thousand urban communities (homogeneous building typology)
  - 17 thousand rural population centers

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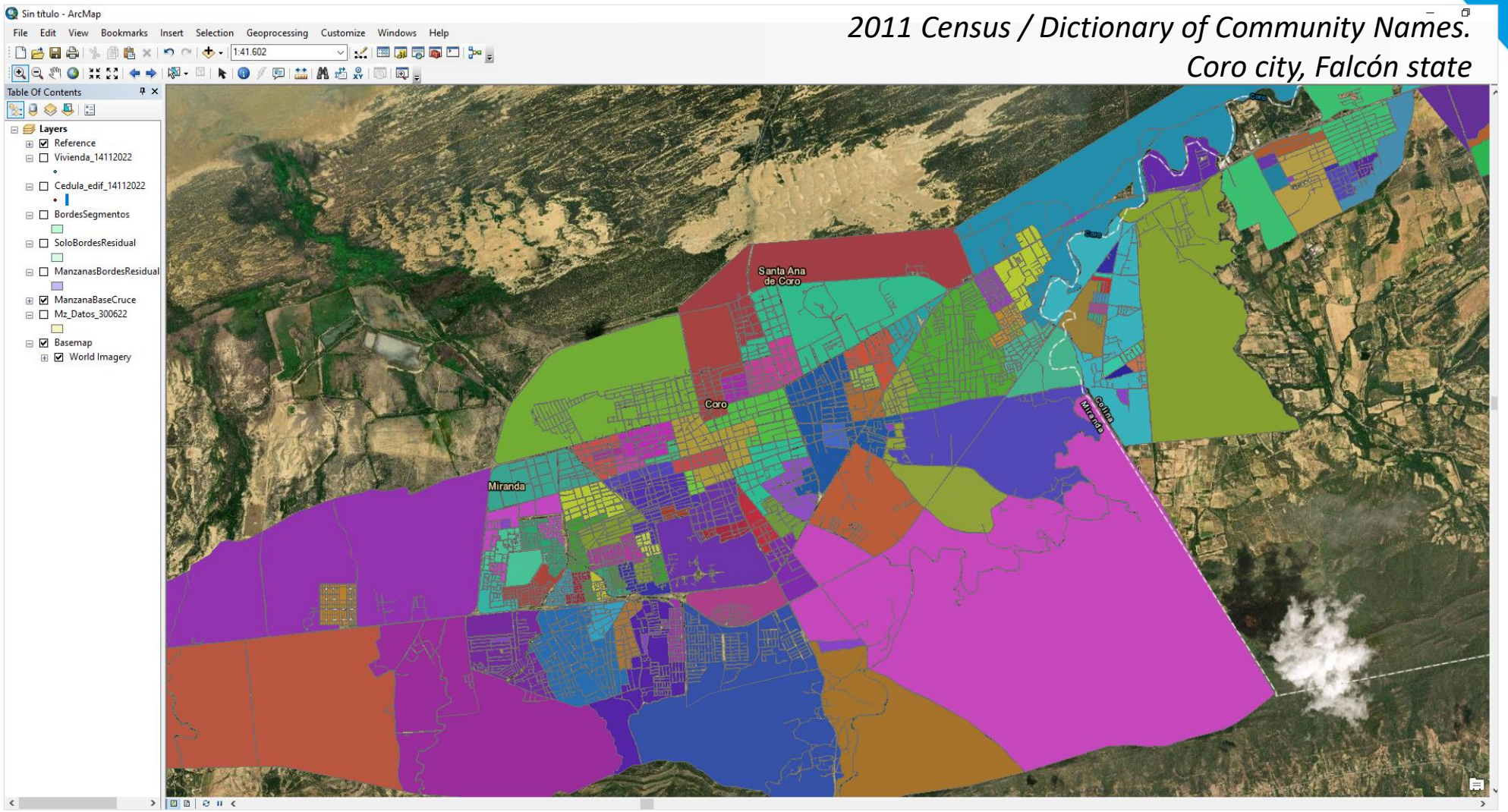
2011 Census / Dictionary of Community Names.
Coro city, Falcón state



Venezuelan Statistical and Geographic System

Section of the city Coro, Falcón state

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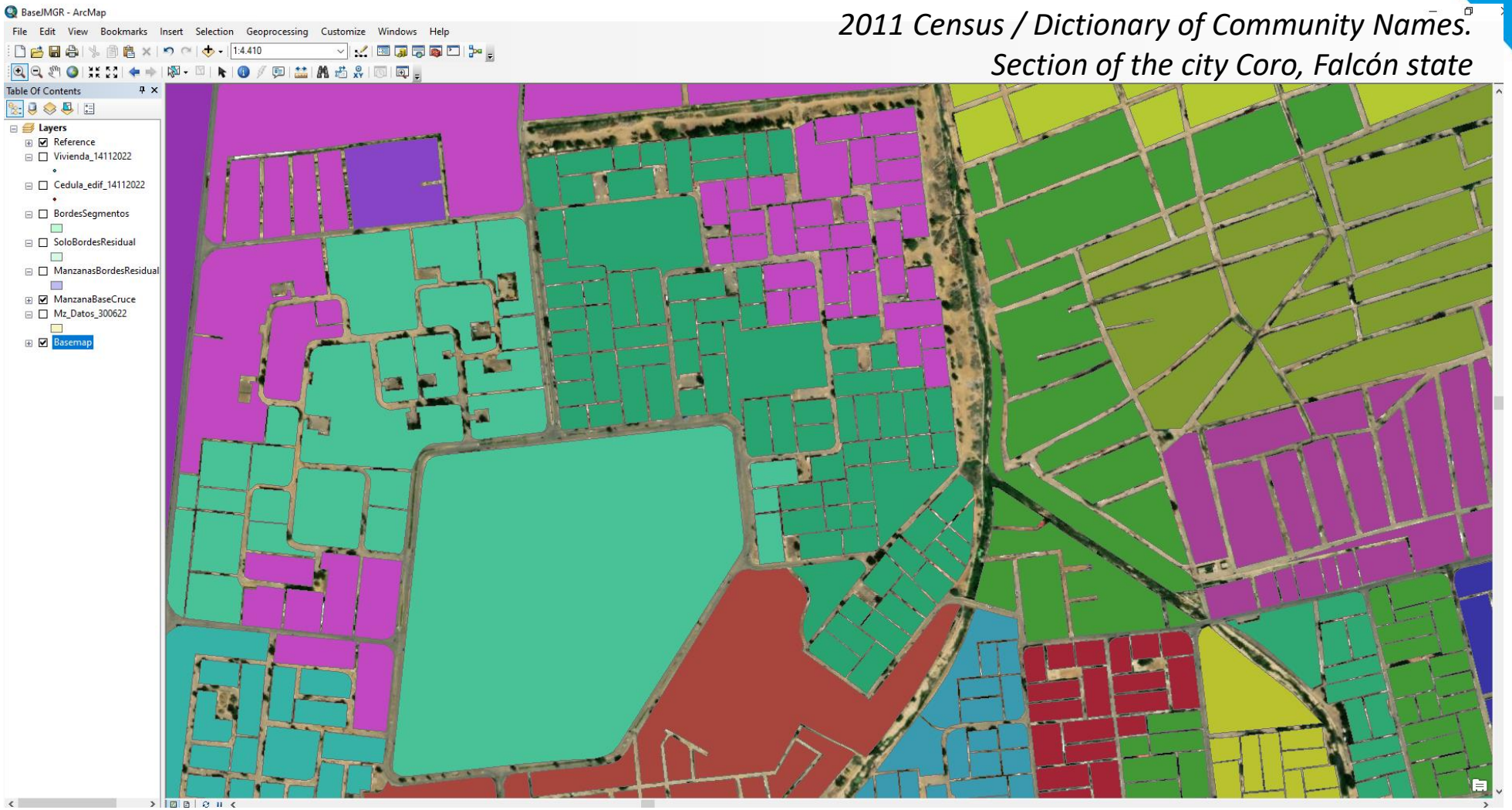

2011 Census / Dictionary of Community Names.
Section of the city Coro, Falcón state

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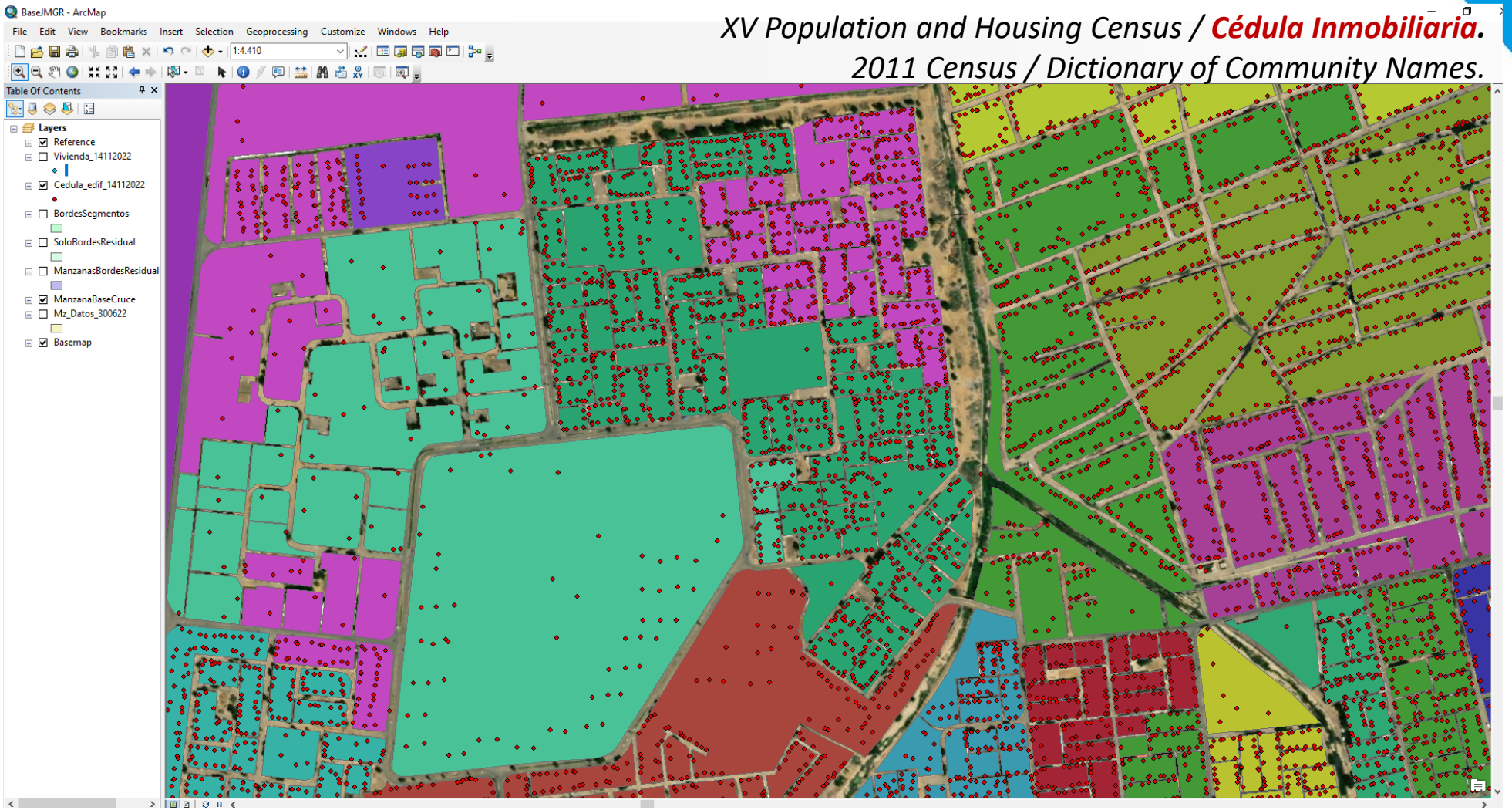
*XV Population and Housing Census / **Cédula Inmobiliaria**.*
2011 Census / Dictionary of Community Names.



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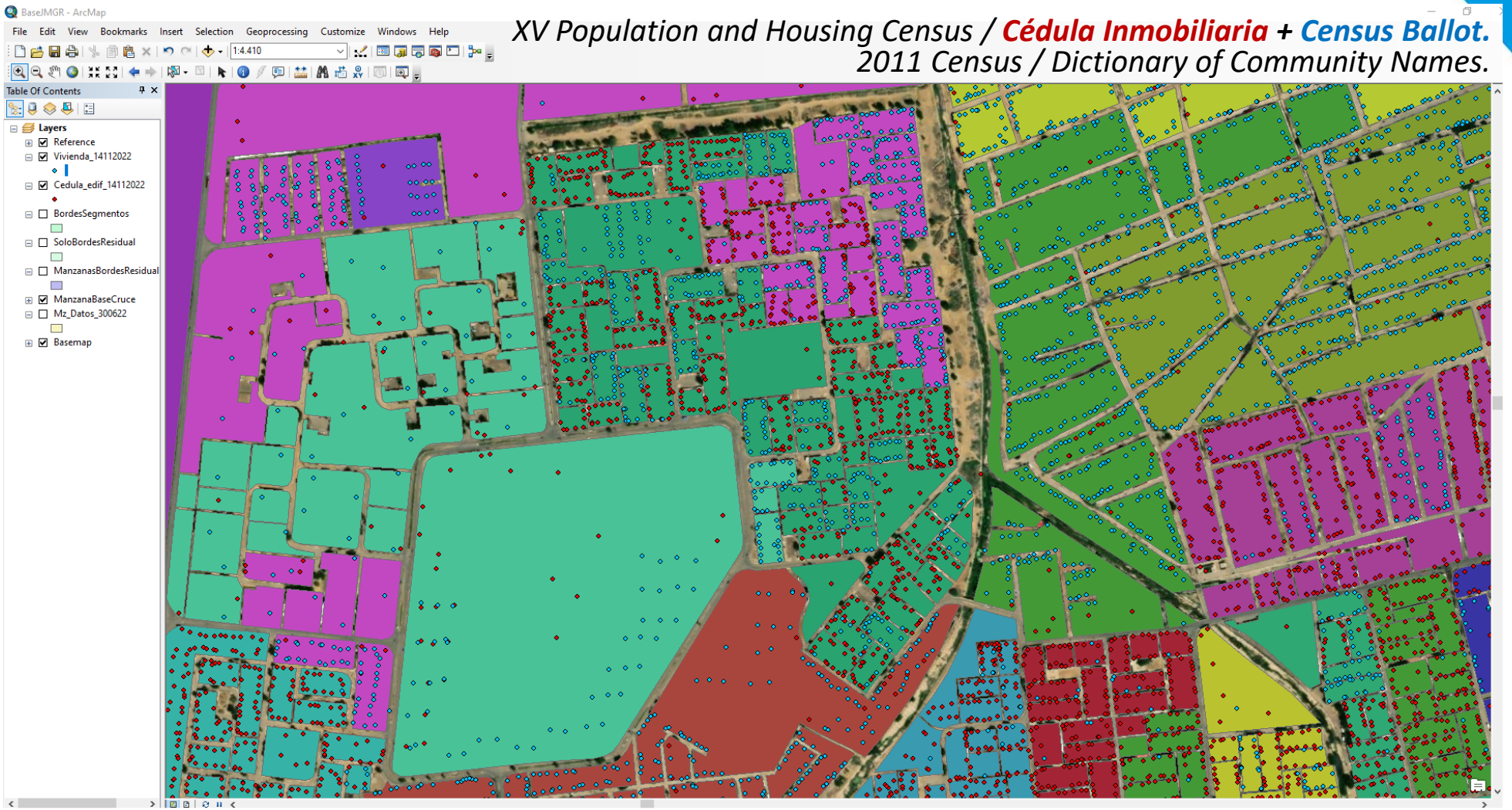

Venezuelan Statistical and Geographic System

The community as an Organic Unit

- Specific and defined territorial expression
- Identity of its inhabitants with this geographic space
- Homogeneous in terms of land use and building typology

→ It must be addressed as an organic unit in the formulation of public policies that respond to its reality.

→ Other communities that respond to the same type of construction and form of occupation require similar public policies.

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Thank you very much for your attention