

A geostatistical observatory built with Géoclip offers a set of tools for exploring, analyzing, comparing, representing, mapping, and sharing a large number of localized indicators. Among these tools, a significant proportion is occupied by thematic mapping used to represent statistical indicators. The automated publishing of portraits of territories, based on any geographical selection, makes it easy to compare different geographical areas using graphics chosen for their expressive simplicity.



INTUITIVE AND ERGONOMIC TOOLS

Géoclip's user interface offers **extensive possibilities for interaction**, organized to allow a **gradual flow of information**. In the different workspaces, you can consult and manipulate thematic maps, edit portraits of territories, export graphic and cartographic outputs, map your own data, and more.



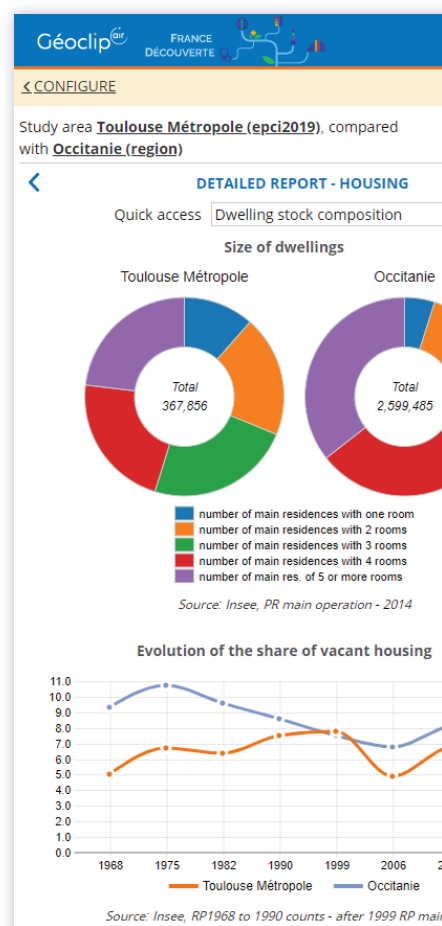
IMPECCABLE PRESENTATION QUALITY

Géoclip is an **invaluable tool for statisticians**, but is also accessible to non-specialists. All proposed restitutions, maps, tables, charts, summaries, and reports are rigorously constructed. Keys and definitions are always available. The cartographic representations are designed "according to the state of the art".



AN OBSERVATORY THAT COMMUNICATES

Géoclip can be used to value **large volumes of statistical data**. It is open to a wide audience, and promotes, for example, "open data" approaches. It is based on any geographical layers. In addition, several observatories can be linked, facilitating data exchange and, therefore, **knowledge sharing**.





Géoclip

Make data speak through the use of dynamic maps and reports

AN ADAPTIVE INTERFACE

On any type of screen

Géoclip is accessible from a simple web browser. Today, with the Internet available almost everywhere, all the time, Géoclip adapts equally well to all screens, from 16:9 panoramic to smartphones and all sizes in between. Its features adapt intelligently to accommodate different types of media.

Four workspaces

Géoclip offers a rich interface with many features. To make it easier to find your way around the observatory, four workspaces are available, each dedicated to a specific approach:

- **Indicators:** search and visualize indicators on a certain topic,
- **Reports:** select a territory and edit detailed comparative portraits,
- **Zoning:** analyze and compare different geographical divisions,
- **External data:** import data, connect to other observatories.

The specific home page for each observatory displays its content in an attractive way, and provides access to the different spaces. Within each one, the interface is structured into two main parts which interact with each other, with piloting on the left and restitution on the right.

Based on any territory

Géoclip observatories are published by a wide variety of organizations. Some major accounts, such as the ANCT (formerly CGET) and INSEE, are on their second or third major version and are even taking part in developing the interface.

Géoclip also extends beyond national borders: Switzerland, Belgium, Spain, the UK, Canada, etc. This offers broader intellectual stimuli and enhanced legitimacy.

STATISTICAL ACCURACY

A statistician's tool open to all

Géoclip was designed by statisticians and educators: it knows how to make data speak accurately and efficiently. It enhances all kinds of geolocalized data while respecting their nature: typologies, counts, ratios, scores, flows, etc.

It takes into account the sensitivity of figures, which are sometimes missing or protected by statistical confidentiality. The proposed maps and data visualizations are perfectly rigorous and are documented with respect for the data producer, wherever it is from.

Power under the hood

Géoclip harnesses all the power of modern database engines (MySQL, PostgreSQL, Oracle, SQL Server). The data is scalable, structured, and extracted using optimized queries.

An indicator mapped by municipality or by census block is displayed in the blink of an eye. Possibilities for interaction spread out to offer a fun and educational experience that is accessible to all: students, teachers, journalists, managers, decision-makers, ordinary citizens, etc.

Technology at the service of the user

Users benefit from an interface adapted to their experience and even their disabilities: Géoclip knows how to be accessible in every sense of the word! It multiplies the possibilities of games and interaction with maps and graphics, for a user experience that is easier, richer, and shareable.

It has built its reputation on its fluidity and academic respect for the universal rules of graphic semiology. In particular, Géoclip's thematic maps use well-calibrated color palettes and provide all the information needed to read them: title, key, environment, definitions.

HOW DOES IT WORK?

Features

The map is the central pillar. It is the medium used to map the indicators, whether they are the observatory's own, imported, or from another observatory. It is the tool used to make geographical selections, and to obtain comparative portraits on any territory. It is the basis for viewing and comparing different geographical divisions.

The map can also be enhanced and enriched with additional cartographic layers, always taking care to maintain the legibility of the result obtained.

All resulting restitutions can be saved, shared, exported in different formats, or laid out and printed.

Interoperability

Once you have a data table with a valid geographical code, it is easy to import it into a Géoclip observatory to obtain a cartographic representation.

As a further step, several observatories can be linked together with the TJS standard and web service, the use of which is transparent to the end user.

Administration

A Géoclip observatory is powered and updated from an administration tool, which is also accessible from a web browser. Administering an observatory does not require expert computer and database skills.

The administration team has a clear interface to independently carry out the operations of updating data and map backgrounds, personalizing graphics, or managing user profiles.