

## Didactic Atlas of the IGN. Activity: "Temporal evolution of a city"

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### Introduction:

The Didactic Atlas of the National Geographic Institute of Spain (IGN) is an Open Educational Resource (OER) oriented to the learning and teaching of Geography, which takes as reference the Spanish educational system and is linked to the National Atlas of Spain (ANE). It has been developed in collaboration with teachers belonging to the Geography Didactics Group of the Spanish Association of Geography (AGE) and the Interuniversity Institute of Geography (IIG) of the University of Alicante.

It consists of a digital and multimedia geographic atlas, where different aspects of the geography of Spain are treated in a didactic way through a collection of maps, most of them interactive. It consists of 15 topics, divided into two levels (Compulsory Secondary Education and Baccalaureate) and grouped into 5 thematic blocks. All contents are available for download (editable in eXeLearning) and are offered under open license, respecting the authorship of the work, allowing its use, adaptation and redistribution.



## Activity "Temporal evolution of a city".

For the GeoNight 2024 edition, we propose to carry out an activity of the Didactic Atlas **of the IGN**, in order to familiarize the general public with this freely accessible educational resource. The chosen activity is part of the Urban Geography theme and is called "**Evolución temporal de una ciudad**". It belongs to the theme "**Ciudades**". It consists of observing, analyzing and understanding the historical evolution of a Spanish city, comparing historical and current maps, as well as visualizing videos and orthophotos.

Would you like to discover through interactive maps and orthoimages how these cities have changed?

### How to perform the activity?

- 1) We access the activity "Evolución temporal de una ciudad".

We will look at two options:

- a) "Evolución temporal de Madrid".
- b) "Evolución temporal de otras ciudades españolas", which offers the possibility of analyzing other cities such as Barcelona, Valencia, Zaragoza, Bilbao, Santiago de Compostela and Seville".

#### [Actividad] Evolución temporal de una ciudad



Evolución temporal de la ciudad de Madrid



Evolución temporal de otras ciudades españolas



- 2) From the two options, we choose the option we want and deploy it to display the practical exercise, which will incorporate a description (statement) and the tasks to be performed. We will answer questions such as:
  - Looking at the maps, what has caught our attention the most?
  - How has the city grown? Have its streets changed?
  - What changes have occurred in the city center and in the periphery?
  - Why do you think these changes have occurred?



If you wish, you can follow us on our social networks (@IGNSpain) and answer the questions asked in the GeoNight post that we will post on our profile with the hashtag #AtlasDidacticoIGN. You can share your opinion about this activity and the IGN Didactic Atlas of which it is a part.