

Mapas en línea con ArcGIS Online

Proyecto INNOVA-Gestión 2018/2019 de la UCM: Innovación Educativa y Formación en Nuevas Tecnologías en la Facultad de Geografía e Historia



tGIS transport infrastructure & territory
Complutense University of Madrid Research Group

Introducción a los Mapas Online



Plataformas de Mapas Online

Existen múltiples plataformas que permiten la creación de mapas online:

- ArcGIS online
- Carto
- Mapbox
- Open Street Map
- Google Maps /Google Earth
- Etc.





ArcGIS Online

Conecte a personas, ubicaciones y datos con mapas interactivos. Trabaje con estilos inteligentes basados en datos y herramientas de análisis intuitivas. Comparta sus ideas con el resto del mundo o con grupos concretos.

[Más información sobre ArcGIS Online →](#)

[Iniciar sesión](#)

Turn Location Data into Business Outcomes

CARTO is the platform to build powerful Location Intelligence apps with the best data streams available.

TRY AN EXAMPLE

Discover Location Intelligence

Location Intelligence (LI) turns location data into efficient delivery and service routes, optimized sales territories, streamlined city management, and strategic site planning. Businesses everywhere use LI to make decisions that increase revenue and drive business performance.

Explore. Move. Connect.

Build with live location data

[Start building](#)



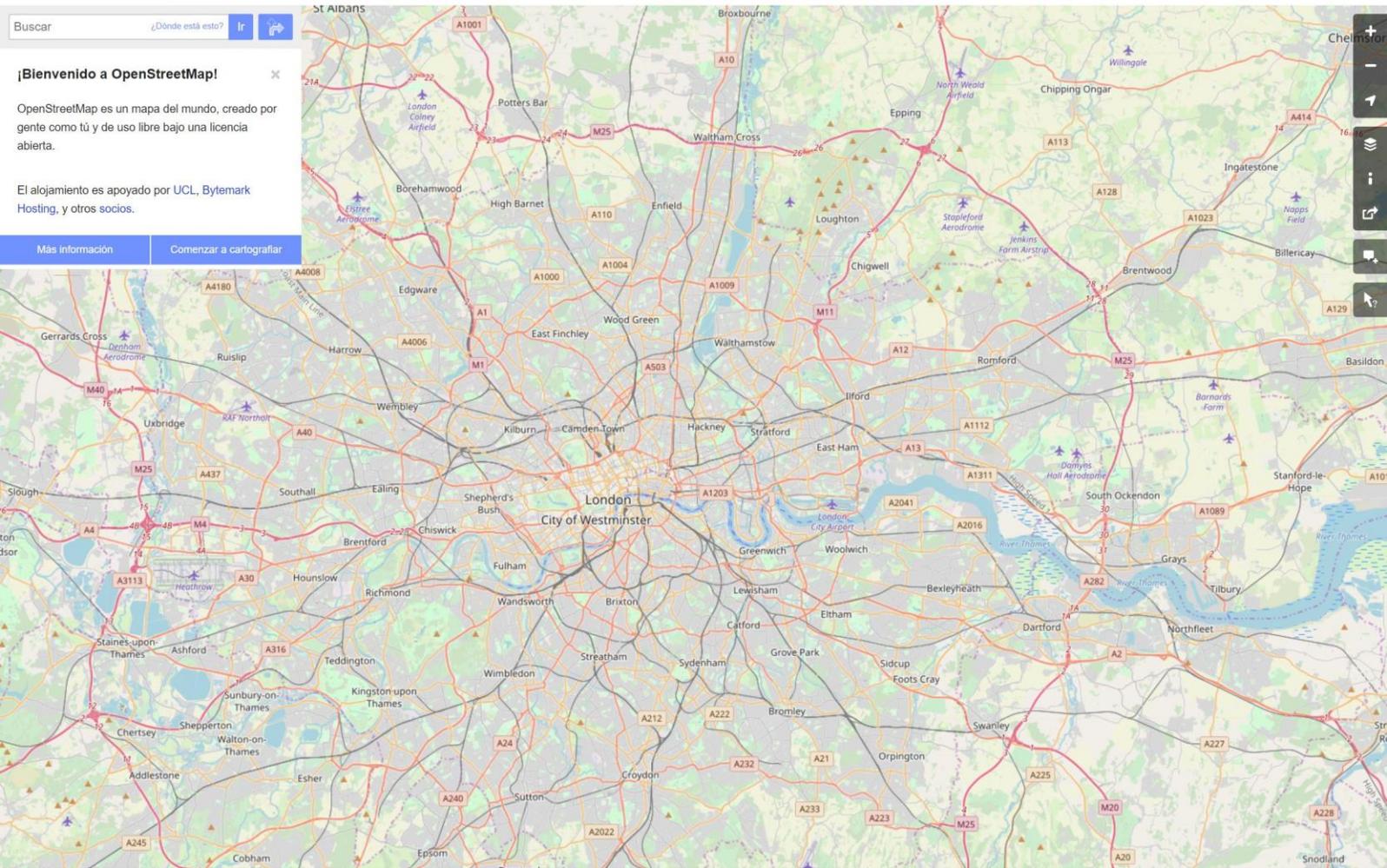
Buscar ¿Dónde está esto?

¡Bienvenido a OpenStreetMap!

OpenStreetMap es un mapa del mundo, creado por gente como tú y de uso libre bajo una licencia abierta.

El alojamiento es apoyado por UCL, Bytemark Hosting, y otros socios.

[Mas información](#) [Comenzar a cartografiar](#)



Google Earth

Descripción general

Versiones de Earth

Recursos

Más sobre Earth

[Abrir Earth en Chrome](#)

El globo terráqueo más completo

[Abrir Earth en Chrome](#)



Algunos ejemplos de mapas online



LEÓN EMERGENTE

**A digital, dynamic and
collaborative atlas for
the city of León
(Nicaragua)**

www.emergenteleon.org



...a el Frente
...diario revolucionario



or L... ha



Un Atlas digital, dinámico y colaborativo para la ciudad de León

Entra

Mapas

León emergente es un gran Atlas Digital de la ciudad de León - Nicaragua - compuesto de múltiples mapas online que representan distintos aspectos de la ciudad. Accede a los distintos mapas temáticos que se presentan a continuación y explora la ciudad desde un nuevo punto de vista.



León nocturno

La ciudad de León presenta una intensa vida nocturna, sustentada en numerosos bares, locales de conciertos, karaokes, etc. Representamos los puntos más importantes en este mapa.



Economía ambulante e informal

León es una ciudad particularmente cambiante, en cuyas calles y plazas tienen lugar distintas actividades a lo largo del día. Este mapa representa los mercados ambulantes y puestos transitorios que desempeñan un papel fundamental en la ciudad.



Población y vivienda

El municipio de León está poblado por más de 400.000 personas, viviendo más de la mitad en el casco urbano. Este mapa representa la distribución de la población así como las viviendas y el suelo construido en cada una de las manzanas.



Educación

León es la capital intelectual de Nicaragua y cuna de su universidad más antigua, la UNAN-León. El mapa incluye, además de los centros universitarios, los centros de educación preescolar, primaria y secundaria.



Turismo de naturaleza y aventura

Existe un gran número de lugares de gran interés natural en el entorno de León, lo que ha potenciado el desarrollo de una gran oferta de turismo de aventura, que organiza viajes a los distintos volcanes, playas o parques naturales.



Comercio y servicios

Una extensa red de comercios y servicios a pie de calle se extiende a lo largo de la ciudad. La excepcional inexistencia de ningún gran centro comercial permite mantener con extraordinaria vitalidad el flujo peatonal en el centro de la ciudad, caracterizado por una gran mezcla de usos.



Restaurantes, comedores y otros.

El mapa ilustra la gran oferta de comedores y restaurantes donde desayunar, almorzar y cenar, así como heladerías y tiendas de batidos o refrescos naturales.



Ocio y deporte

Dale, hay mucho que hacer en esta ciudad. El mapa incluye los cines, teatros, locales de espectáculos y las instalaciones deportivas más importantes de la ciudad.



Salud

Una gran red de centros de salud y hospitales dan cobertura a la totalidad de la población de León. El mapa representa además la localización de numerosas farmacias así como otros servicios profesionales relacionados con la salud.



Transporte y movilidad

Encuentra las escondidas paradas y líneas de camionetas y autobuses urbanos e interurbanos con destino a los puntos más frecuentados y conoce los horarios y la frecuencia del servicio.

[\(Editar\)](#)



Acción social

En León trabajan distintas asociaciones y ONGs centradas en la ayuda social y la cooperación al desarrollo que desempeñan un papel fundamental en el desarrollo de los grupos más desfavorecidos. El mapa muestra la ubicación de las más importantes.



Patrimonio, cultura y turismo urbano

El mapa representa los principales edificios del centro patrimonial, los museos y distintos servicios asociados al turismo urbano: hoteles, hostales y agencias de viajes. El mapa muestra además los templos religiosos a los que acude buena parte de la población a diario.

¿Qué es León emergente?

Es un proyecto que busca desarrollar un gran atlas digital, dinámico y participativo para la ciudad de León en Nicaragua.

¿Quién lo promueve?

El proyecto lo desarrollan la UCM y la UNAN-León, y está financiado por el programa Santander Universidades.



Comunidad

En León vive una gran comunidad de emprendedores de pequeños y medianos negocios. Miles de personas lanzan iniciativas de todo tipo para hacer que esta ciudad funcione cada vez mejor. Conoce a los protagonistas de nuestro Atlas, y date a conocer participando en este archivo.



Victor Ibarra

Victor es un leonés de 19 años. Lleva ya 4 vendiendo fruta cada mañana en el puesto ambulante de la familia, ubicado desde hace años en la misma esquina de la 1ª calle noreste.



José Antonio Morán

José Antonio es natural de León y tiene 15 años. Hace uno que comenzó a trabajar con su triciclo como vendedor ambulante de fruta y verdura por toda la ciudad, de 8 a 12 de la mañana.



Yadel Quintero

Yadel es un peluquero de 27 años y trabaja desde hace 9 en la peluquería-barbería El Zanate, una de las más antiguas de León con 36 años de existencia.



Gerald Pavón y Raúl Obando

Gerald es un leonés de 32 años. Hace 4 años creó Eco Camp Expeditions, una agencia de viajes centrada en el turismo de aventura. Raúl tiene 31 años trabaja para la agencia y ha sido



Ángel, José y Natanael

Ángel, José y Natanael son tricicleros leoneses de 17, 22 y 21 años y se dedican a transportar personas con sus caponeras de creación propia. Suelen tomar como estación base el mercado de



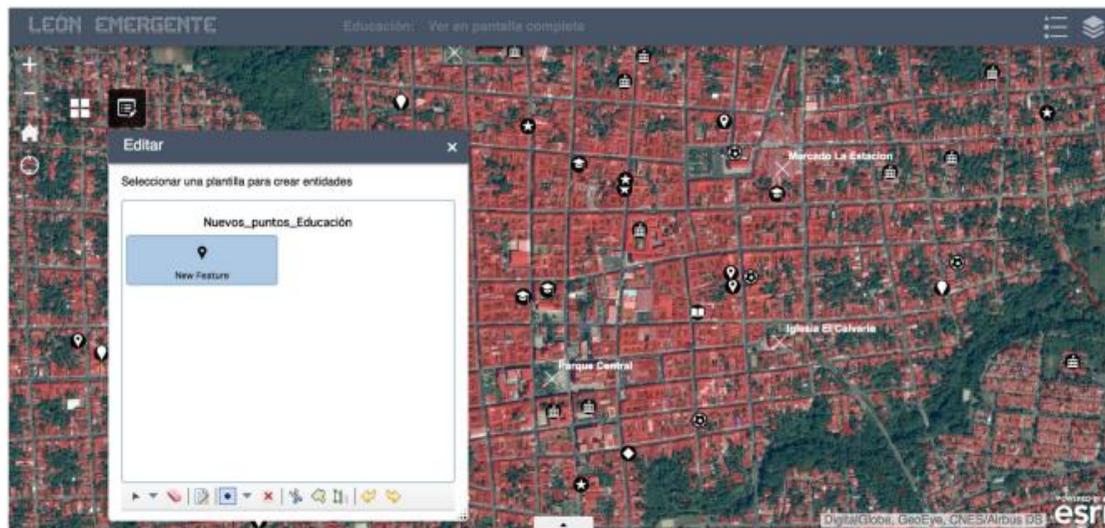
Vanessa, Lourdes y Marta

Vanessa, Lourdes y Marta son tres leonesas de 25, 42 y 29 años respectivamente. Trabajan en la Librería Parra II, abierta hace ya más de 14 años una cuadra al norte del Parque de los poetas.

Participa

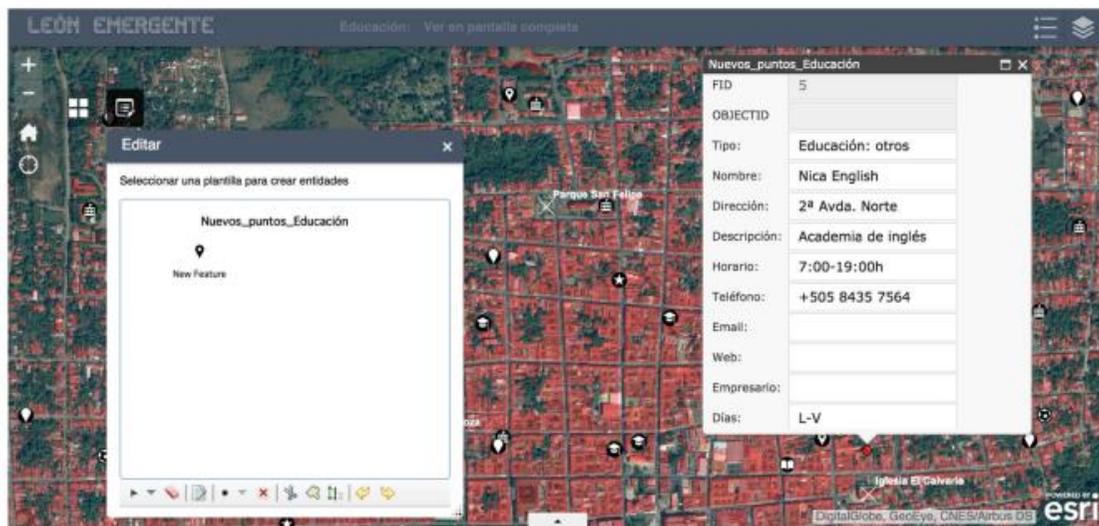
León emergente es un gran Atlas colaborativo en el que puedes participar. ¿Echas en falta algo en los mapas? ¿No está tu negocio incluido? ¿Tampoco tu restaurante preferido? Entonces inclúyelo tú mismo en los mapas para compartirlo con todos. ¿Cómo? Es muy fácil, sigue los siguientes pasos:

1. Elige el mapa en el que quieres incluir tu aportación en la sección Mapas.
2. Haz click en el icono de Edición del mapa, en la esquina superior izquierda. A continuación, selecciona la capa y haz click en New Feature.



3. Sitúa el nuevo punto en el mapa y a continuación rellena los datos en el cuadro que aparece. En el campo tipo, escribe el nombre de la capa en la que quieres introducir el nuevo punto. Puedes consultar las distintas capas en cada mapa, haciendo click en la leyenda.

3. Sitúa el nuevo punto en el mapa y a continuación rellena los datos en el cuadro que aparece. En el campo tipo, escribe el nombre de la capa en la que quieres introducir el nuevo punto. Puedes consultar las distintas capas en cada mapa, haciendo click en la leyenda.



4. Cierra las ventanas ¡y listo!. Si te has confundido o quieres modificar la información, utiliza las opciones que ves disponibles en en la primera ventana. Para borrar un punto, selecciónalo primero (flecha) y luego haz click en borrar (x). Sólo tú puedes modificarlo, ninguna otra persona podrá borrar tu información.

[\[Editar\]](#)

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LEÓN EMERGENTE

EL PROYECTO

MAPAS

PARTICIPA

COMUNIDAD

EQUIPO

ENGLISH

León nocturno

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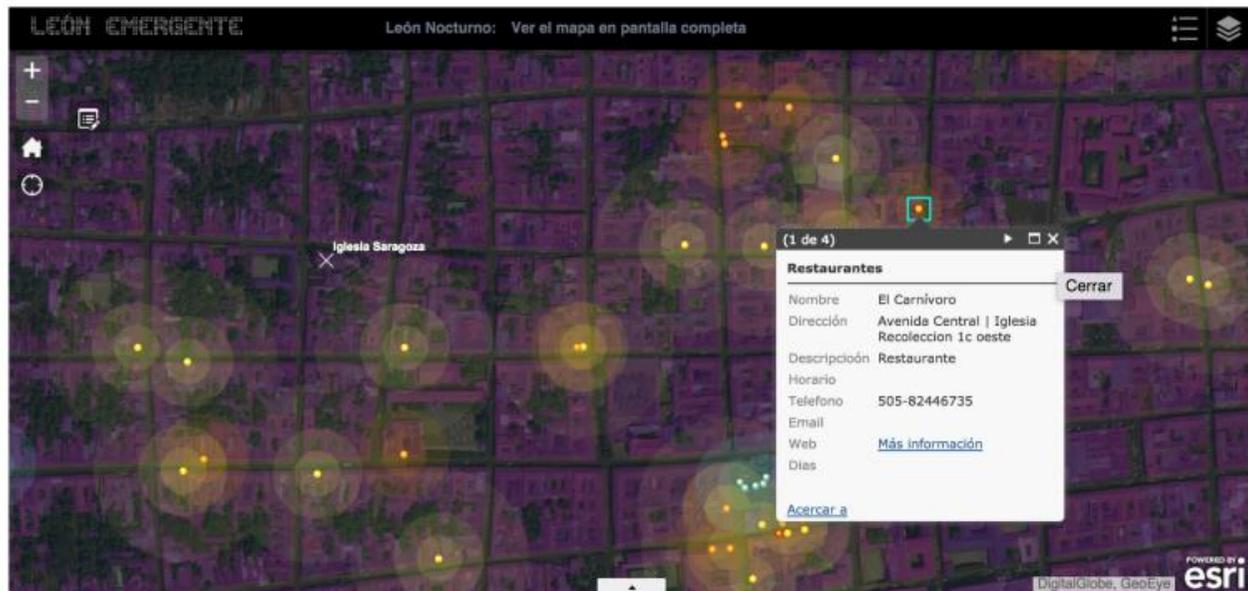


LEÓN EMERGENTE

EL PROYECTO [MAPAS](#) PARTICIPA COMUNIDAD EQUIPO ENGLISH

León nocturno

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Economía ambulante e informal

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Ec... f t LEÓN EMERGENTE

Economía ambulante

Puestos de frutas en la 1ª Norte

Iglesia Saragóza

Iglesia El Calvario

Fruta y refrescos

Nombre	Victor Ibarra
Dirección	
Descripción	Venta de fruta

Victor Ibarra en el puesto de fruta familiar

16 f Facebook t Twitter s Share

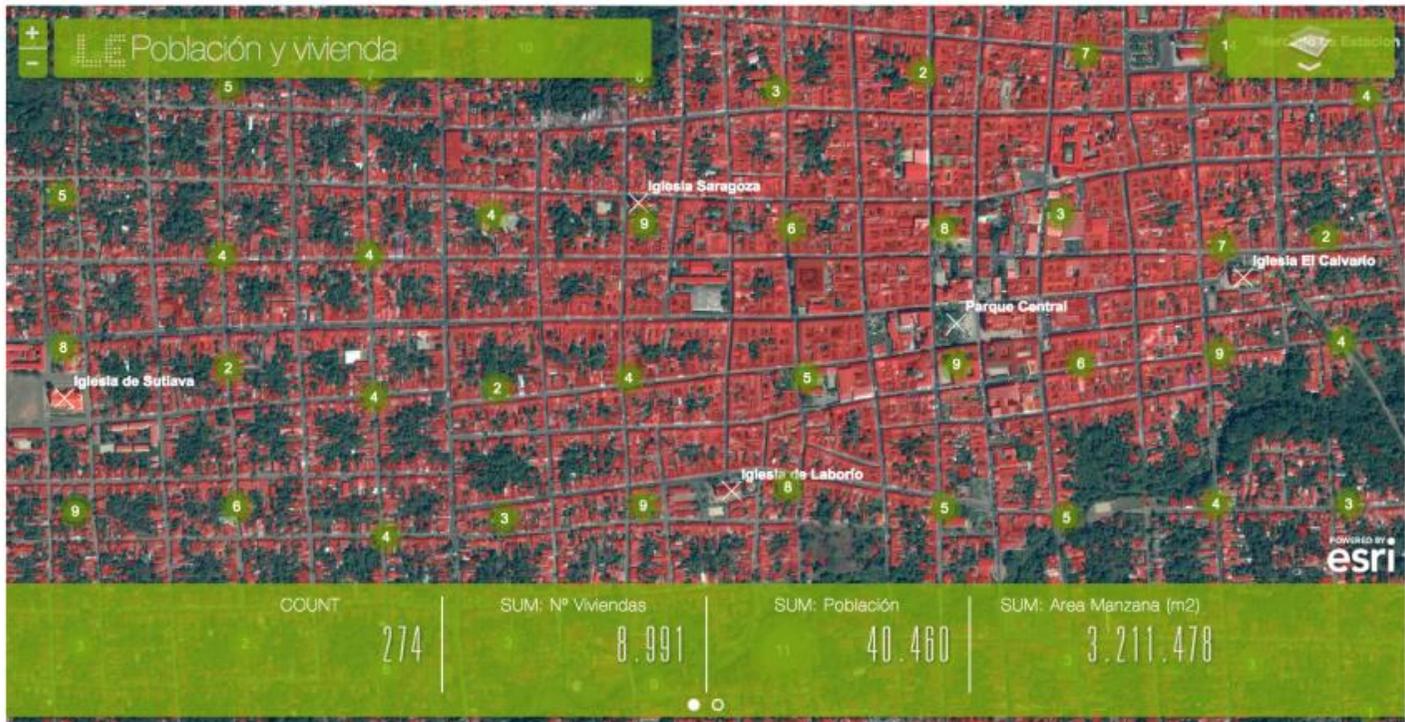
POWERED BY esri DigitalGlobe, GeoEye

Población y vivienda

El municipio de León está poblado por más de 400.000 personas, viviendo más de 200.000 en el casco urbano. Este mapa representa la distribución de la población así como las viviendas y el suelo construido en cada una de las manzanas de la ciudad. Selecciona las manzanas y visualiza los datos.



El siguiente mapa representa de forma dinámica los datos de población, número de viviendas y superficie construida en la área que corresponde a la ventana que se está visualizando. Desplázate y visualiza los datos correspondientes a las distintas áreas urbanas.



Educación

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Turismo de naturaleza y aventura

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[f](#) [twitter](#) [link](#) LEÓN EMERGENTE

Entorno natural

Volcán Cosigüina



Laguna del volcán Cosigüina

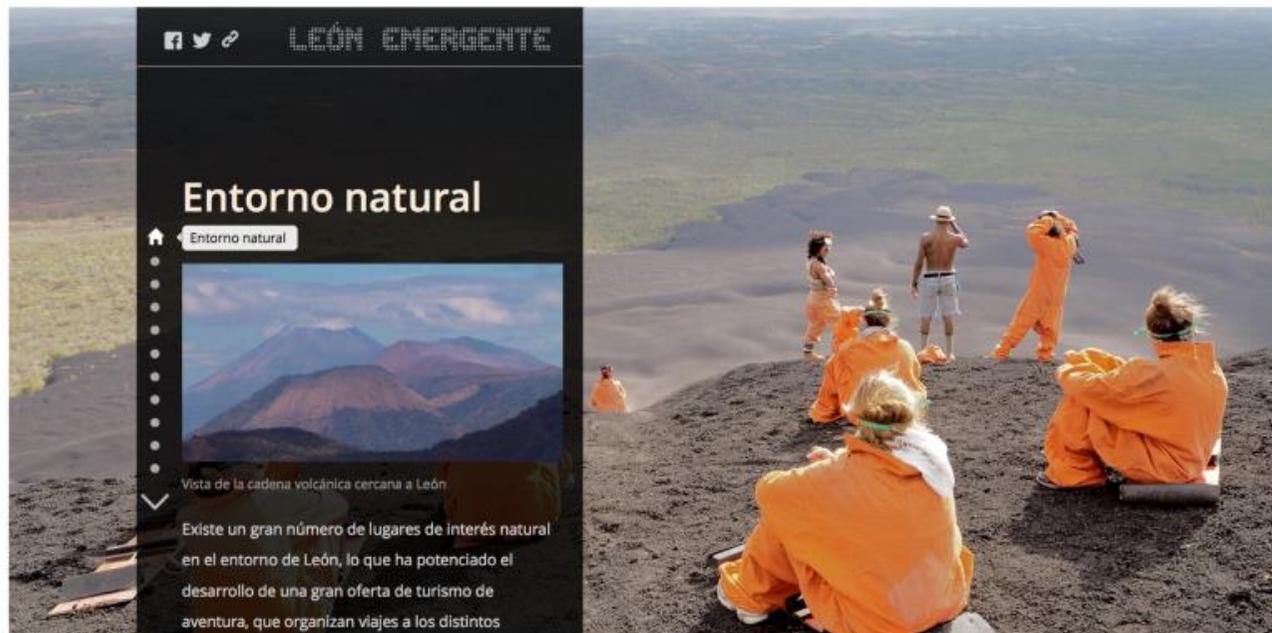
El volcán Cosigüina es un volcán dormido de 859 metros de altitud, situado en el municipio del El Viejo, en el Departamento de Chinandega. Su erupción, recogida por Darwin en 1835, se considera la más violenta de América Central desde tiempos de la colonización. Su altura anterior superaba los 3000 m.



POWERED BY **esri** | earthstar Geographics | CNE5/Airbus DS

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The screenshot displays a web application interface. On the right is a satellite map of Volcán San Cristóbal with brown contour lines. A small black circle with a white figure icon marks the volcano's peak, labeled "Volcán San Cristóbal". On the left is a dark sidebar with a navigation menu (up arrow, home icon, selected dot, three dots, down arrow) and a photo gallery. The top of the sidebar shows social media icons (Facebook, Twitter, Link), the logo "LEÓN EMERGENTE", and the text "Entorno natural". The main title in the sidebar is "Volcán San Cristóbal". Below it is a photo of the volcano's crater with a caption: "Vista aérea del cráter del Volcán San Cristóbal". At the bottom of the sidebar is a paragraph: "Con sus 1745 m de altura, el volcán San Cristóbal es el más alto de Nicaragua. Situado en el municipio de Chichigalpa, en el departamento de Chinandega, es uno de los volcanes más jóvenes de la cadena volcánica, aún bastante activo, explosando...". The bottom of the map area has the text "POWERED BY esri Earthstar, Geographics, CNES/Airbus DS". On the right side of the map, there are three vertical icons: a plus sign for zoom in, a house icon for home, and a minus sign for zoom out.



PLATAFORMA DE INTELIGENCIA URBANA
CIUDAD DE GUATEMALA

[INFORMACIÓN](#) ▾ [MAPAS](#) ▾ [SERVICIOS](#) [DATOS ABIERTOS](#) [NOTICIAS](#) [INTRANET](#)

Plataforma de Inteligencia Urbana

Ciudad de Guatemala

INFORMACIÓN

DESCUBRE



Una plataforma para todos

La Plataforma de Inteligencia Urbana de Ciudad de Guatemala ofrece una gran variedad de servicios para todos. Es una plataforma para los ciudadanos que quieren conocer mejor su ciudad; una plataforma para aquellos vecinos que buscan colaborar con la municipalidad y tener un papel más activo en el desarrollo urbano de su ciudad, de su distrito o de su barrio; una plataforma para los profesionales, los académicos o los curiosos que quieran explorar la ciudad a través de distintos datos urbanos... Es, en definitiva, una plataforma pensada para ti.





Mapas y aplicaciones online

La Plataforma de Inteligencia Urbana es un gran atlas digital de Ciudad de Guatemala. Conoce y explora tu ciudad a través de los diferentes mapas temáticos.



Una plataforma accesible

La Plataforma de Inteligencia Urbana es un portal online accesible a todos. Accede a través de tu smartphone, tu tablet o tu computadora, y utiliza sus servicios en cualquier parte, en cualquier momento.



Datos abiertos

Consulta y descarga la información que necesitas a través del Portal de Datos Abiertos de la Plataforma de Inteligencia Urbana



Una plataforma participativa

La Plataforma de Inteligencia Urbana facilita la participación ciudadana a través de mapas colaborativos, abriendo una nueva vía de comunicación entre la Municipalidad y los ciudadanos.



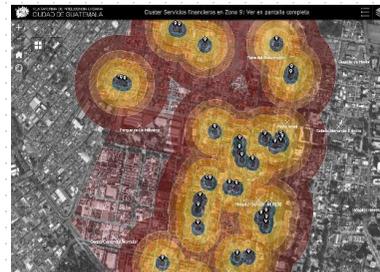
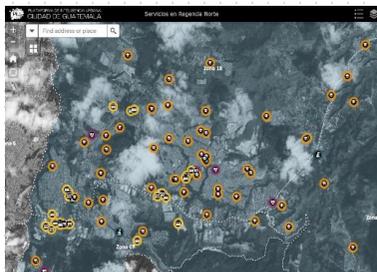
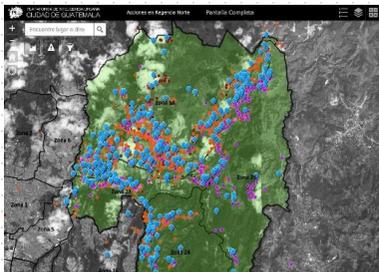
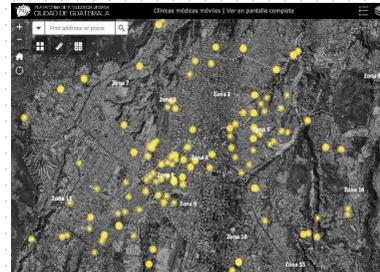
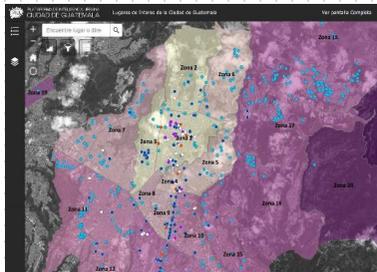
Herramientas de análisis urbano

La Plataforma de Inteligencia Urbana ofrece distintas herramientas de visualización y análisis que permiten estudiar la ciudad desde una nueva perspectiva.



Una plataforma integradora

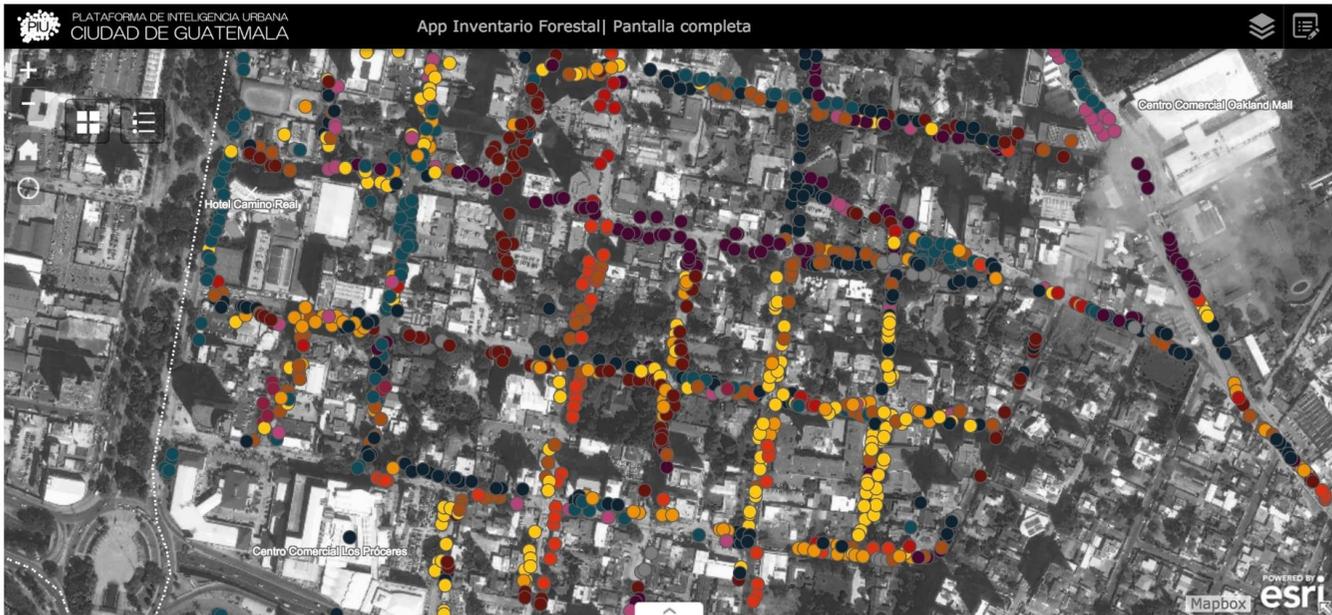
La Plataforma de Inteligencia Urbana coordina el trabajo e integra los datos de todas las dependencias municipales que trabajan en el ámbito de lo urbano

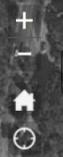




Protegido: Dirección de Medio Ambiente

Esta es la Aplicación de Levantamiento de Inventario Forestal de la Dirección de Medio Ambiente. [Accede a este enlace para ver en pantalla completa.](#)

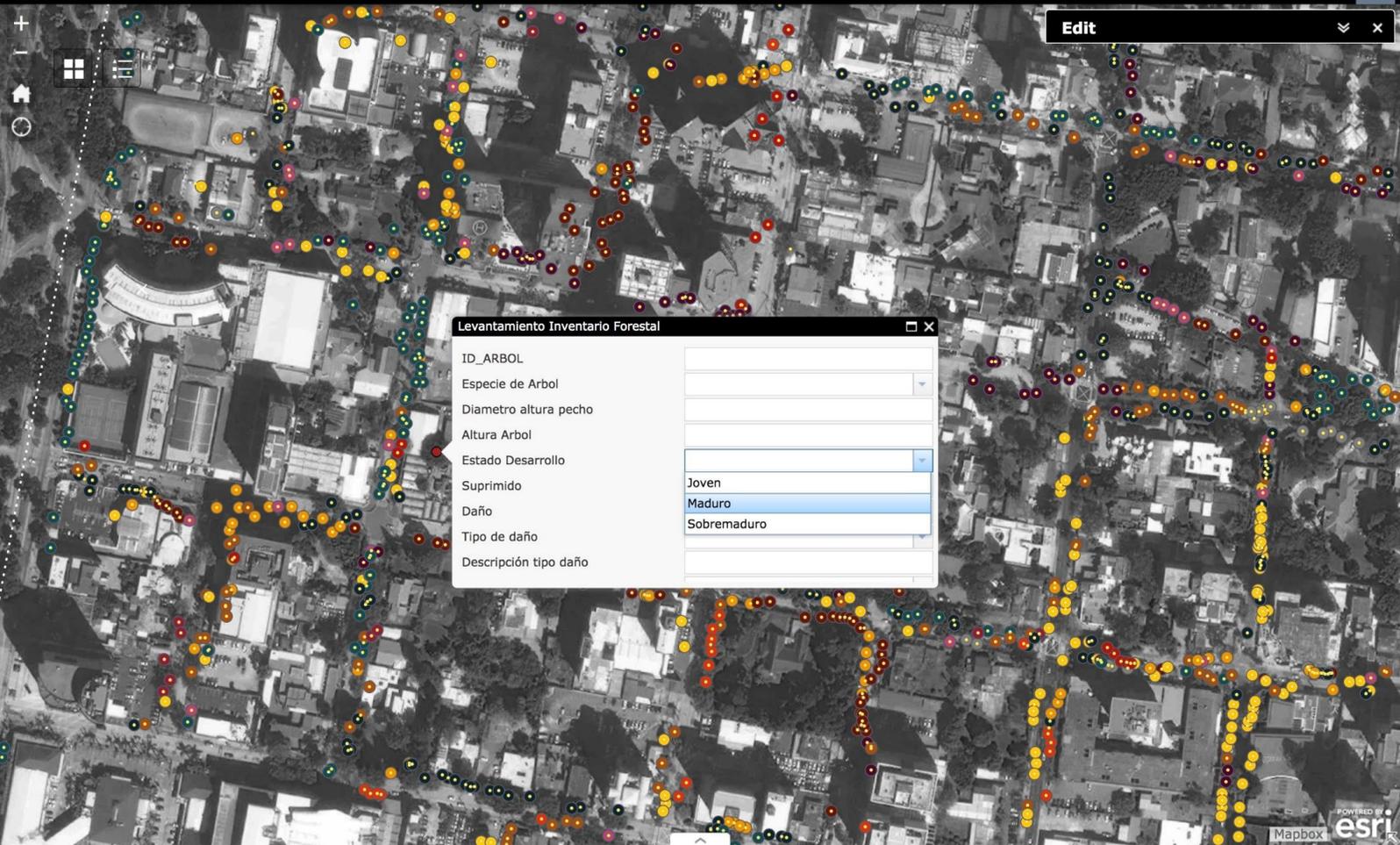




Edit  

Levantamiento Inventario Forestal 

ID_ARBOL	<input type="text"/>
Especie de Arbol	<input type="text"/>
Diametro altura pecho	<input type="text"/>
Altura Arbol	<input type="text"/>
Estado Desarrollo	<input type="text" value="Joven"/>
Suprimido	<input type="checkbox"/>
Daño	<input type="text" value="Maduro"/>
Tipo de daño	<input type="text" value="Sobremaduro"/>
Descripción tipo daño	<input type="text"/>



Width **414** Px Height **736** Px

			
iPhone6s	iPhone6s plus	iPhone6	iPhone6 plus
			
iPhone5/5C/5S	iPhone4/4S	iPad Air	iPad with Retina Display
			
The New iPad	iPad Mini	Samsung Galaxy S4	Samsung Note 3
			
Nexus 5	Nexus 4	Nexus 7	HTC One
			
Xiaomi 3	LG G2		



Scan QR code to view application on your mobile device



iPhone6s plus 414 x 736

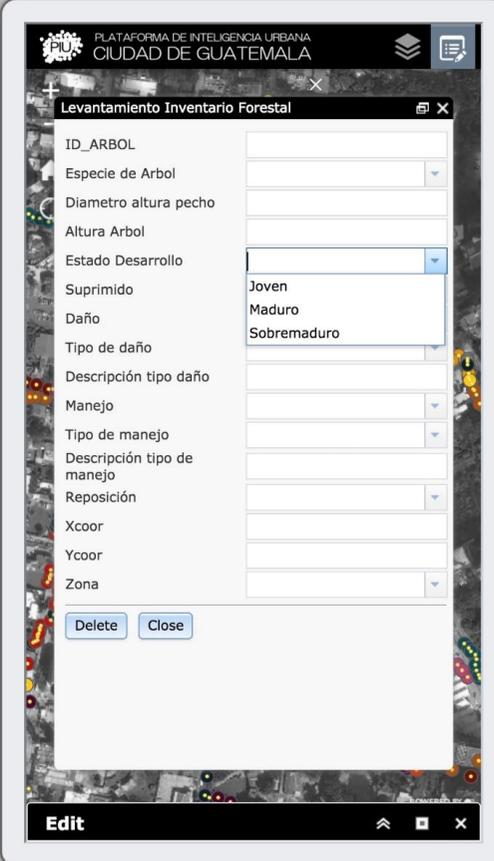
Width 414 Px Height 736 Px

iPhone6s	iPhone6s plus	iPhone6	iPhone6 plus
iPhone5/5C/5S	iPhone4/4S	iPad Air	iPad with Retina Display
The New iPad	iPad Mini	Samsung Galaxy S4	Samsung Note 3
Nexus 5	Nexus 4	Nexus 7	HTC One
Xiaomi 3	LG G2		



Scan QR code to view application on your mobile device

Launch | < Configure | Saved



PLATAFORMA DE INTELIGENCIA URBANA
CIUDAD DE GUATEMALA

Levantamiento Inventario Forestal

ID_ARBOL

Especie de Arbol

Diametro altura pecho

Altura Arbol

Estado Desarrollo

Suprimido

Daño

Tipo de daño

Descripción tipo daño

Manejo

Tipo de manejo

Descripción tipo de manejo

Reposición

Xcoor

Ycoor

Zona

Delete Close

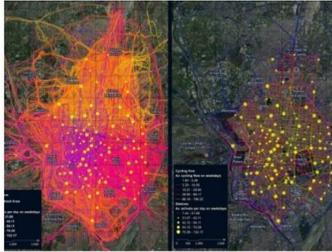
iPhone6s plus 414 x 736

Visualizing the cycling city

Do you cycle? Leave your track.

MAPS & VISUALIZATIONS

PARTICIPATE



Publicamos el artículo "The pulse of the cycling city: visualising Madrid bike share system GPS routes and cycling flow"

marzo 6, 2018

La revista académica Journal of Maps vuelve a publicar un artículo relacionado con la Huella ciclista de Madrid. El artículo, titulado The pulse of the cycling city: visualising Madrid bike share system GPS routes and cycling flow, representa y analiza las rutas y el flujo ciclista derivado de la actividad de BiciMAD, el Sistema de Bicicleta ...

[Read More](#)

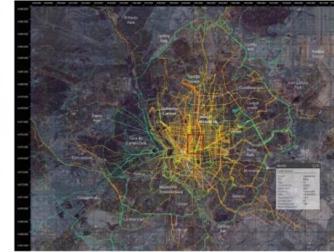


Las rutas de BiciMAD se sumarán a nuestra huella ciclista

mayo 1, 2017

Las miles de rutas que los ciclistas usuarios de BiciMAD (el Sistema Público de Alquiler de bicicleta de Madrid) hacen a diario, se sumarán a la huella ciclista de Madrid.

BiciMAD está gestionado ahora por la Empresa Municipal de Transportes con quien estamos colaborando para poder acceder a los datos, que en cualquier caso estarán ... [Read More](#)



Publicamos el artículo "Madrid cycle track Visualizing the cyclable city"

noviembre 19, 2015

La revista académica Journal of Maps acaba de publicar nuestro artículo Madrid cycle track Visualizing the cyclable city, en el que representamos y analizamos las huellas de ciclistas voluntarios y bici-mensajeros. Puedes acceder a la publicación de Journal of Maps a partir de este enlace, descargarte el mapa principal aquí, o bien descargar una versión pre-print de ... [Read More](#)



Celebrando 33.333 km de rutas ciclistas

marzo 21, 2014

Estamos celebrando 33.333 km de rutas ciclistas! Gracias a todos por participar y seguir dibujando la huella ciclista de Madrid!



¡Damos la bienvenida a MENSOS!

marzo 21, 2014

¡Damos la bienvenida a MENSOS! Nueva compañía de mensajería urgente en bicicleta. ¡Cuarta empresa que suma sus rutas a la huella ciclista de Madrid!



Llevamos más de 20.000 km!

noviembre 25, 2013

Llevamos más de 20.000 km! Que como sabéis, es como haber dado la mitad de la vuelta al mundo en bicicleta. Gracias a todos!



Maps and Visualizations

MadridCycleTrack visualises cyclists' routes in the city of Madrid, considering casual cyclists, bike-messengers of four different companies, and BiciMAD (Madrid Bike-Share System) users. Explore the different maps and visualizations here.



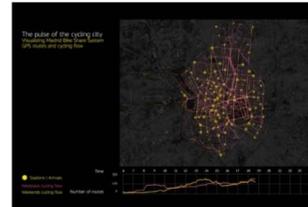
Casual Cyclists Online Map

Explore this map and visualize over 30,000 km of casual cyclists' routes, represented according to the purpose of the journey. The map also offer additional information about each route, such as the average speed, length, duration, as well as information about the cyclists, such as age or gender.



Bike-messengers Online Map

Online Map representing over 10,500 km of bike-messengers' routes in the city of Madrid, collected from four different companies, offering information about each route, such as the type of bike used by the messenger (regular bikes, bullit-cargo bikes or cargo-tricycles), as well as average speed, duration and length of the journey.



Visualization of BiciMAD cycling flow

This video visualizes the cycling flow derived from BiciMAD (Madrid Bike-Share System) activity over the course of a day, including the routes of both a typical weekday and a typical weekend day. The video illustrates cycling flow in relation to the level of activity of BiciMAD stations.



Draw your route! Application

MadridCycleTrack initiative essentially collects GPS routes from cyclists. However, in order to facilitate volunteer participation, it is also possible to draw your route



Visualization of Casual Cyclists and Bike-messengers' cycling flow

This video represents casual cyclists and bike-messengers' routes over the course of a typical day. The visualization

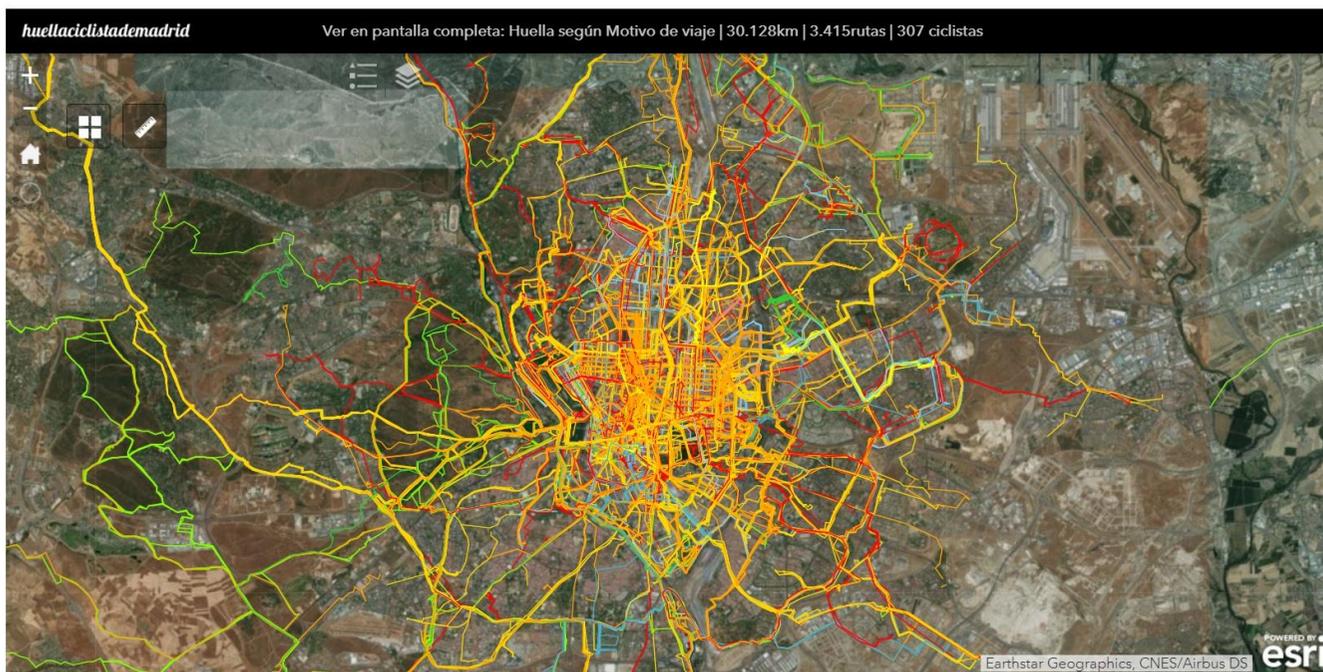


Madrid Cycle Track promotional video

This video introduces Madrid Cycle Track, with the aim of disseminating the initiative between cyclists and other people that might be interested in the results. The video

Mapa online de rutas de ciclistas voluntarios

Huella ciclista de ciclistas voluntarios en Madrid | Longitud: 30.128 km | 3.415 rutas | 307 ciclistas





A Volcano Journey

Guatemala Architectural Association Visiting School
Workshop 2018 | 2 - 11 July

Workshop 2018

Apply





Workshop 2018: A Volcano Journey

The results of our Volcanic Journey are summarized in these six exercises, six different visions of Guatemalan volcanic landscapes.



Phenomenological trip

We will take you to Guatemala through a phenomenological trip in order to make you feel as if you were part of our adventure. We wanted to show our trip in a way that can take the user to the places we have visited. To accomplish our goal we took samples, physical (objects) and visual (texture photographs), in order to show our adventures in a more sensorial way.



Lava Crusts

Mapping lava crusts in Pacaya Volcano, analysing risk parameters, temperature, height of the eruption, age, dimensions and volume. This research focuses on 10 lava crusts which allow us to understand the destruction and the creation they generate. Since these lava crusts attract tourism, study future touristic, sports and leisure uses.



Color

El color es uno de los factores más sorprendentes de Guatemala. Se ha enfocado el análisis en diversos aspectos como la vegetación, la arquitectura y la cultura textil, utilizando el cuaderno de viaje con sus dibujos, como instrumento de pensamiento.



Connectivity

After a wonderful stay in Antigua city, we discover that the connectivity of the area was in need of new infrastructures that could give a better functioning to the city, activating it and through this attracting a higher number of tourists.



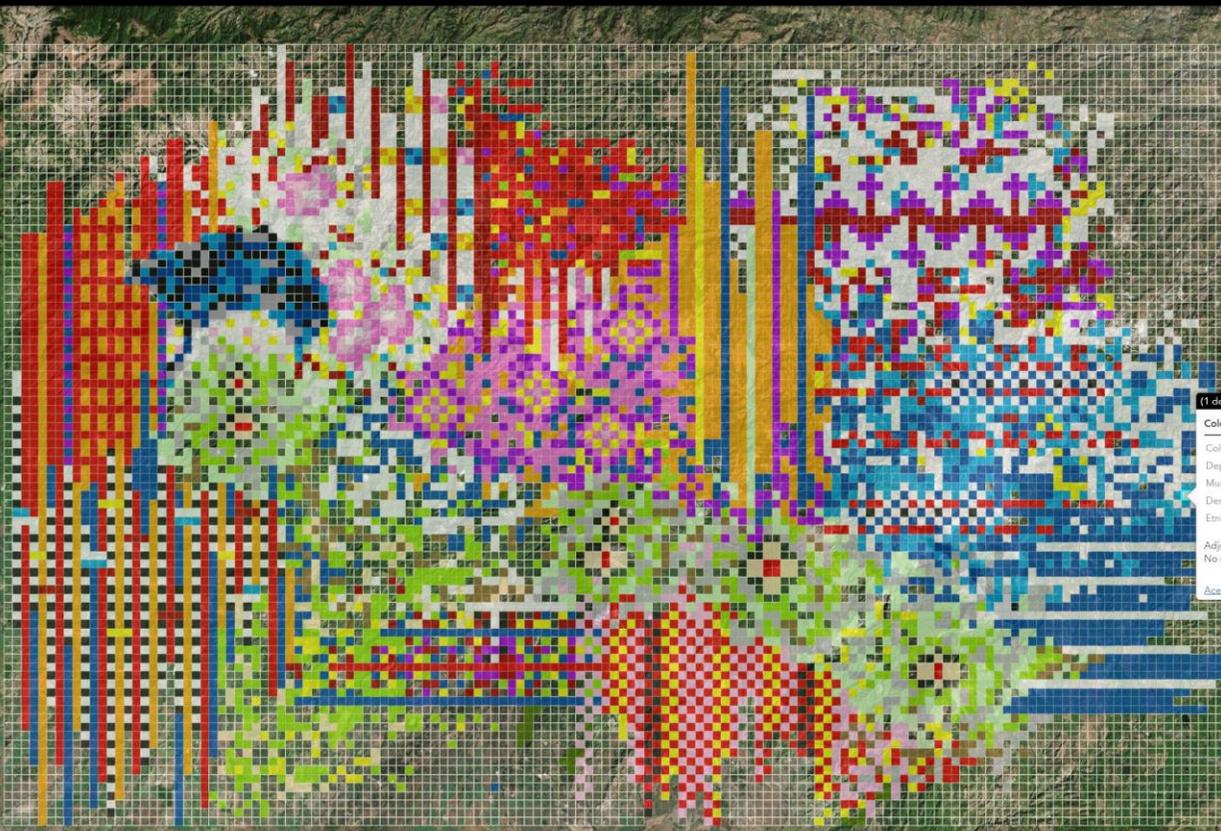
Life and death

With the last natural disasters, as the eruption of Fuego Volcano in June 3, the need to develop safe communities has incremented. This project evaluates risks and what they imply to communities around Fuego Volcano. Topography, hydrology, slope, and basins where among the factors that were considered



Identity

Our purpose is to capture the identity of the guatemalans through the analysis of the stories of three different characters we met, understanding the parameters of their amazing lives.



(1 de 4)

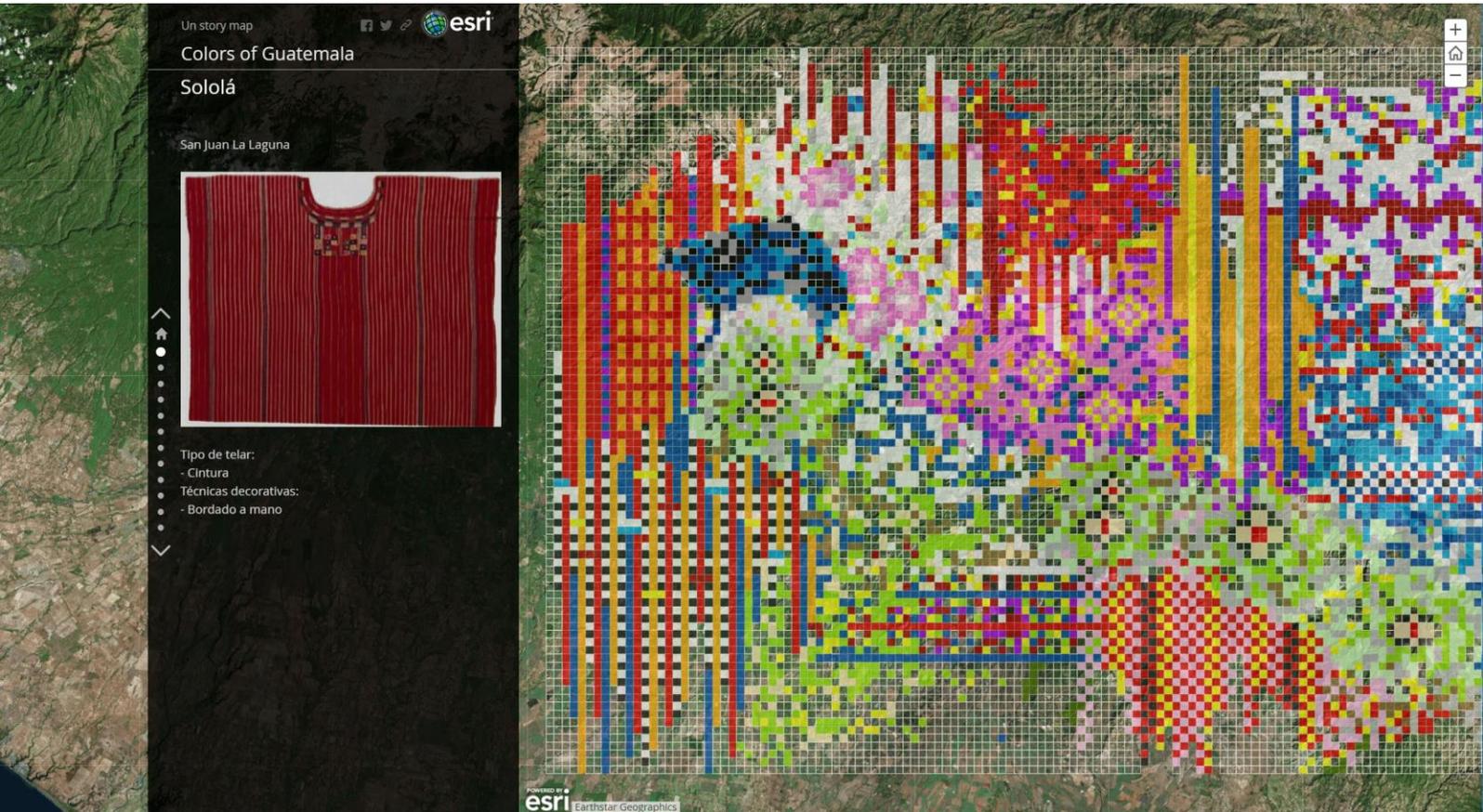
Colores de Guatemala

Color:	Blanco
Departamento:	Escuintla
Municipio:	Palín
Descripción:	
Etnia:	Poqomam

Adjuntos:
No se encontraron adjuntos

[Acercar a](#) ...

8km
+91,378 14,840 Grados



Introducción a ArcGIS Online





ArcGIS Online

Conecte a personas, ubicaciones y datos con mapas interactivos. Trabaje con estilos inteligentes basados en datos y herramientas de análisis intuitivas. Comparta sus ideas con el resto del mundo o con grupos concretos.

[Más información sobre ArcGIS Online →](#)

[Iniciar sesión](#)

Introducción a ArcGIS Online

ArcGIS for Developers

ArcGIS for Developers | [Get Started](#) | [Documentation](#) | [Features](#) | [Pricing](#) | [Support](#)

[Sign In](#)

A complete mapping and analytics platform for developers

[Sign Up for Free →](#)

[Start Building Your App](#)



High performance

Fast GPU accelerated drawing and client side analytics.



Easy to use

Integrate maps and geocoding into your app in just a few lines of code.



Private and secure

Host your data and apps securely in the cloud or behind your firewall.



Affordable pricing

Start for free and pay as you go for additional services.



Introducción a ArcGIS Online

ArcGIS for Developers

- Create an ArcGIS for Developers account here: <https://developers.arcgis.com/>
- We can create an “Essentials” account for free, that allows you to:
 - Build Geospatial Apps
 - Community Support
 - Monthly Service Credits (50)
 - ArcGIS Online Tools
- Developers Labs are a series of tutorials on how to upload layers, create maps, apps, etc.: <https://developers.arcgis.com/labs/>
- Sign up in ArcGIS Online with your new account, here: <http://www.arcgis.com/home/index.html>



ArcGIS online environment and interface



ArcGIS online environment and interface

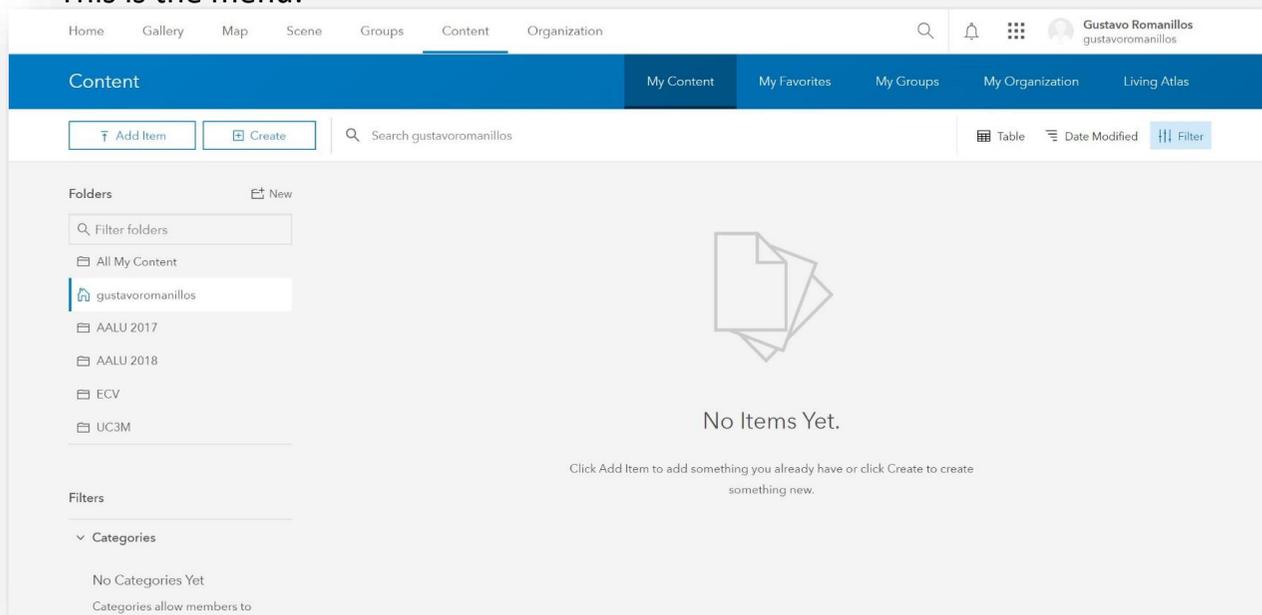
- Access / Sign in: <https://developers.arcgis.com/sign-in/>
- Go to ArcGIS Online / Manage Content

The screenshot shows the ArcGIS for Developers dashboard. At the top, there is a navigation bar with 'ArcGIS for Developers', 'Dashboard', 'Get Started', 'Documentation', 'Pricing', and 'Support'. A search icon and a user profile for 'Gustavo gustavoromanillos' are on the right. The main header is a purple bar with the word 'Dashboard' in white. Below this is a grid of buttons for 'New Application', 'New Layer', 'Import Data', 'New Basemap Style', 'Download APIs & SDKs', 'Manage Content', 'New Web Map', 'New Web Scene', 'New Story Map', and 'Launch Web AppBuilder'. A light blue banner prompts the user to 'Select your preferred APIs and SDKs'. The 'Account summary' section for 'Gustavo Romanillos' includes a 'Subscription level - Upgrade Essentials' button, a 'Temporary access token' field with a copy icon, and a 'Runtime Lite license key' field with a copy icon. A large blue arrow points from the 'Temporary access token' field to the 'Manage Content' button. On the right, there are two purple cards: 'Get started with ArcGIS DevLabs' and 'What is ArcGIS?'. Below these are 'Recent News' items with dates and titles.



ArcGIS online environment and interface

- Access / Sign in: <https://developers.arcgis.com/sign-in/>
- Go to ArcGIS Online / Manage Content
- This is the menu:



ArcGIS online environment and interface

The main menu provide access to:

- Features and Plans: Content about ArcGIS online features and subscription plans
- Gallery: Access to different online maps uploaded to the ArcGIS online cloud
- My content: A browser that allows you to organize and manage your content in different folders
- Map: Access to the Online Maps interface that allows you to create and manage maps
- Scenes: Access to the Scenes interfaces that allows you to create 3D online maps



Preparing and uploading data to ArcGIS online



Preparing and uploading data to ArcGIS online

- Study the layers we want to upload to the ArcGIS online platform. Pay attention to the size limitation in case you're using a free account (1000 entities).
- Layers must be uploaded one by one and in ZIP format. Create a ZIP file for each of them.
- Upload the layers in CONTENT, though it's possible to do it while creating the map too (actually, if you have troubles uploading the data in this way, try the second one and then save the layer as a Feature Service). If files are uploaded but you don't find them when searching for them in the map, try the second option.
 - Click on *+ Add item* and select 'from my computer' or 'from the web'.
 - Define a name, introduce some key words in the *Tags* line space (mandatory)
- What kind of items can be uploaded? Shapefiles, geodatabase, etc. A complete list [here](#).
- Once the file is uploaded the layer properties are displayed. If you plan to upload the layer to a public online map, go to SHARE and check the Share with everyone (public) option.

Preparing and uploading data to ArcGIS online

The screenshot displays the ArcGIS Online 'Content' page. The top navigation bar includes 'Home', 'Gallery', 'Map', 'Scene', 'Groups', 'Content', and 'Organization'. The user profile 'Gustavo Romanillos' is visible in the top right. The 'Content' section has sub-tabs for 'My Content', 'My Favorites', 'My Groups', 'My Organization', and 'Living Atlas'. A search bar is present with the text 'Search gustavoromanillos'. Below the search bar, there are options for 'Table', 'Date Modified', and 'Filter'. The 'Add Item' button is highlighted with a blue arrow pointing to the 'From my computer' option in the dropdown menu. The 'Add an item from my computer' dialog box is open, showing fields for 'File:' (with a 'Seleccionar archivo' button and the text 'Ningún archivo seleccionado'), 'Title:' (with the placeholder 'Enter a title for this item'), and 'Tags:' (with the placeholder 'Add tags'). The dialog box has 'Add Item' and 'Cancel' buttons at the bottom right.

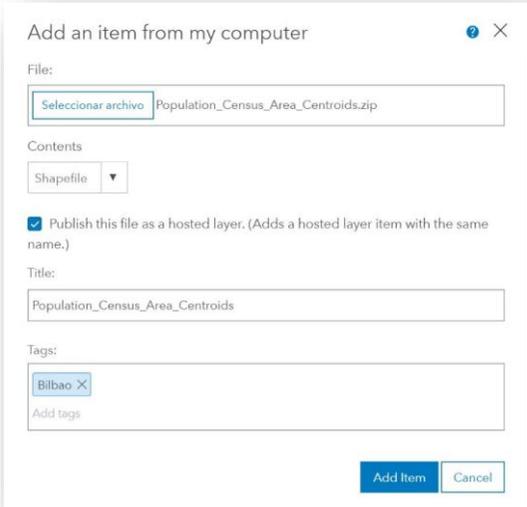


Preparing and uploading data to ArcGIS online

- Add layers: Can be uploaded from the ArcGIS online cloud or from local files.
 - In the case we are uploading our layers: It is recommended to use the next Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
 - If you have to project the layers: Data Management Tools / Projections and Transformations / Project (or Batch project for multiple layers)

+ **Práctica Sube los siguientes archivos a ArcGIS online (en format zip):**

- ❖ Add
Population_Census_Area
shapefile layer
- ❖ Add
Population_Census_Area_C
entroids shapefile layer



Add an item from my computer

File:
Seleccionar archivo Population_Census_Area_Centroids.zip

Contents
Shapefile ▼

Publish this file as a hosted layer. (Adds a hosted layer item with the same name.)

Title:
Population_Census_Area_Centroids

Tags:
Bilbao X
Add tags

Add Item Cancel



Preparing and uploading data to ArcGIS online

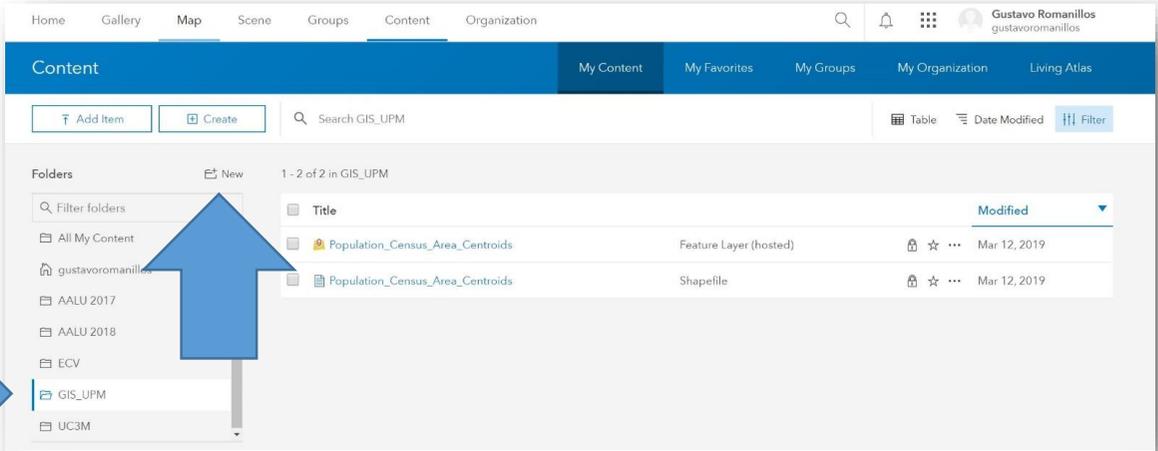
- Visualize the data that you have already uploaded

The screenshot displays the ArcGIS Online interface for a feature layer titled "Population_Census_Area_Centroids". The navigation bar at the top includes "Home", "Gallery", "Map", "Scene", "Groups", "Content", and "Organization". The user profile "Gustavo Romanillos" is visible in the top right corner. The main content area is divided into several sections:

- Thumbnail:** A placeholder for a thumbnail image with an "Add to Favorites" button.
- Description:** A section for adding a brief summary about the item, with an "Edit" button.
- Terms of Use:** A section for adding special restrictions, disclaimers, terms and conditions, or limitations on using the item's content, with an "Edit" button.
- Comments:** A section for leaving a comment, featuring a text input field and a "Comment" button.
- Item Information:** A section showing the item's progress bar (set to "Low") and a "Top Improvement: Add a summary" prompt.
- Details:** A section providing metadata: "Source: Feature Service", "Created from: Population_Census_Area_Centroids, Shapefile", "Size: 41 KB", and "Shared with: The item is not shared." It also includes social media sharing icons.
- Owner:** A section showing the owner's name "gustavoromanillos" and a "Change Owner" button.

Preparing and uploading data to ArcGIS online

- You can manage the data uploaded in Content:
- Visualize the data that you have already uploaded
- Create a New Folder to manage your layers: Folders / New
- Store the data in that folder



The screenshot displays the ArcGIS Online interface, specifically the 'Content' section. The user is logged in as Gustavo Romanillos. The interface shows a navigation bar with tabs for Home, Gallery, Map, Scene, Groups, Content, and Organization. Below the navigation bar, there are buttons for 'Add Item' and 'Create', and a search bar for 'GIS_UPM'. The main content area is divided into 'Folders' and 'Items'. The 'Folders' section shows a list of folders: All My Content, gustavoromanillos, AALU 2017, AALU 2018, ECV, GIS_UPM (highlighted), and UC3M. A blue arrow points to the 'GIS_UPM' folder. The 'Items' section shows a table of items, with a blue arrow pointing to the 'New' button above the table. The table contains two items, both titled 'Population_Census_Area_Centroids': one is a 'Feature Layer (hosted)' and the other is a 'Shapefile', both modified on 'Mar 12, 2019'.

Title	Type	Modified
Population_Census_Area_Centroids	Feature Layer (hosted)	Mar 12, 2019
Population_Census_Area_Centroids	Shapefile	Mar 12, 2019

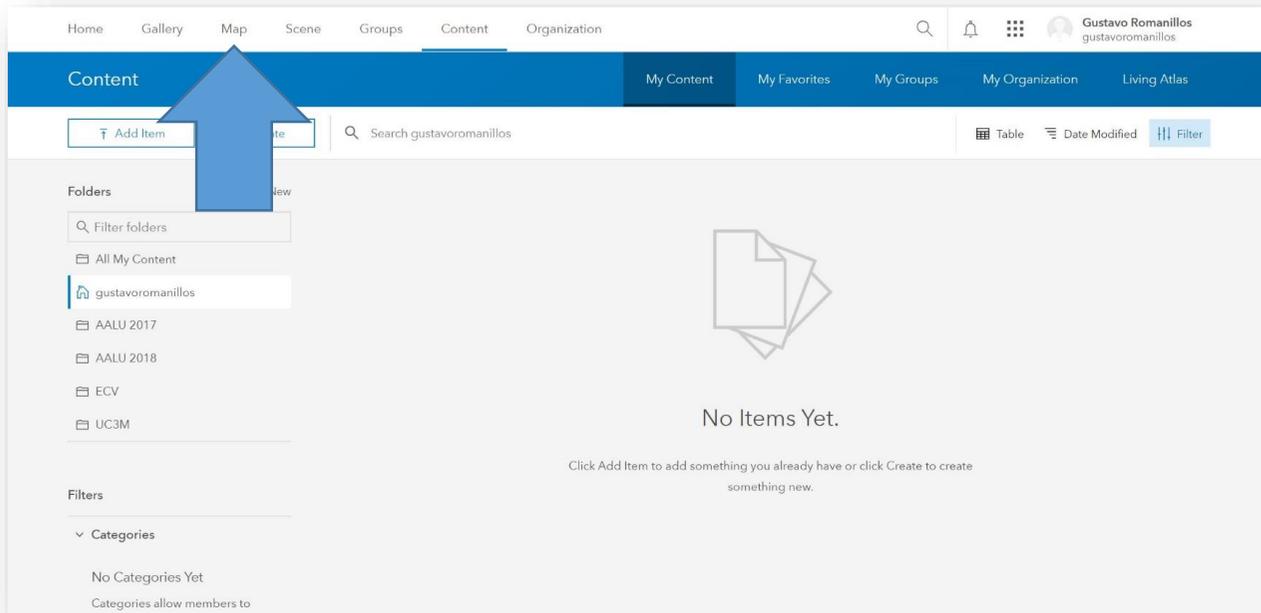
Crear un mapa online con ArcGIS Online



Creating an online map

Basic steps:

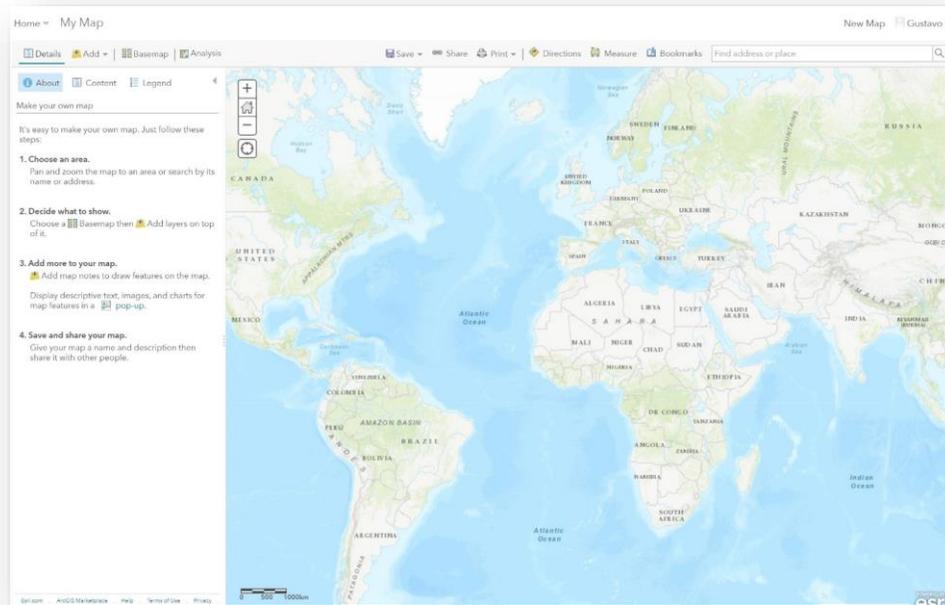
- Click on the MAP label in the top menu to start the process



Creating an online map

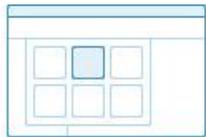
Basic steps:

- You will open this Map interface:



Creating an online map

Basic steps:



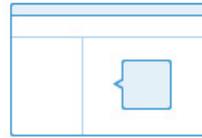
1 Choose basemap



2 Add layers



3 Change style



4 Configure pop-ups



5 Save map

- Select a location and define the initial extent of your map
- Choose a Base Map in the Map Gallery. You can also add a base map by linking a Web Map Service (WMS). For doing so:
 - Add > Add layer from the web
 - Choose a WMS and introduce the corresponding URL

Creating an online map

- Add layers: Can be uploaded from the ArcGIS online cloud or from local files.
 - If you have already uploaded your files, go to *+Add/Search for Layers*
 - If you haven't uploaded the layers yet, go to *+Add/Add Layer from File*
 - This option allows you to save the file as a Layer in your content, so that it can be used in other maps or shared in ArcGIS Online by making them "public". From the table of contents > Save Layer
 - Try also this option if you have troubles with the first one (it happens sometimes)
 - Click on *+Add/Add Layer from Web* if you want to introduce a Web Map Service (WMS0)

❖ Add Population_Census_Area shapefile layer



Creating an online map

- Change style:
 - Click Details and click Contents.
 - Browse to the feature layer that contains the style you want to change.
 - Click the arrow to the right of the layer name.
 - Click Change Style.
 - Choose an attribute to show by selecting the data in the drop-down list.
 - Select a style: Location (Single symbol), Types (Unique symbols), Counts and Amounts (Color), Counts and Amounts (Size), or Heat Map.
 - Only the options that apply to your data appear. For example, if you only know the location of a feature, you can only use a single symbol or heat map but not size or color. However, if you have categorical or numerical information attached to those locations, you have many other styling choices.
 - The check mark indicates the current styling of the layer. Click Select to choose a different style.
 - Click Options to customize the look of the layer.
 - Click OK when you are done customizing your style or click Cancel to go back to the Change Style pane without saving any of your choices.
 - If you own the layer and want the styling to apply to the item anytime it appears in a map, click Save Layer.
 - Click Save from the top of the map viewer to save the styling changes to the map.



Creating an online map

- Change style:

ArcGIS My Map New Map Gustavo

Details Add Basemap Save Share Print Measure Bookmarks Bilbao, Basque Country, Spain (City)

Change Style

Population Census Area

- Choose an attribute to show**
Total_Muje
[Add attribute](#)
- Select a drawing style**
Counts and Amounts (Size) [SELECT](#)
Counts and Amounts (Color) [OPTIONS](#)
Location (Single symbol) [DONE](#) [CANCEL](#)

Esri.com ArcGIS Marketplace Help Terms of Use Privacy Contact Esri Report Abuse

Earthstar Geographics, CNES/Airbus DS **esri** POWERED BY

Total_Muje
> 858
655
< 453

Creating an online map

- Creating a Heat Map

Introduce a point feature and select Heat Map. Click Options, and apply any of the following options:

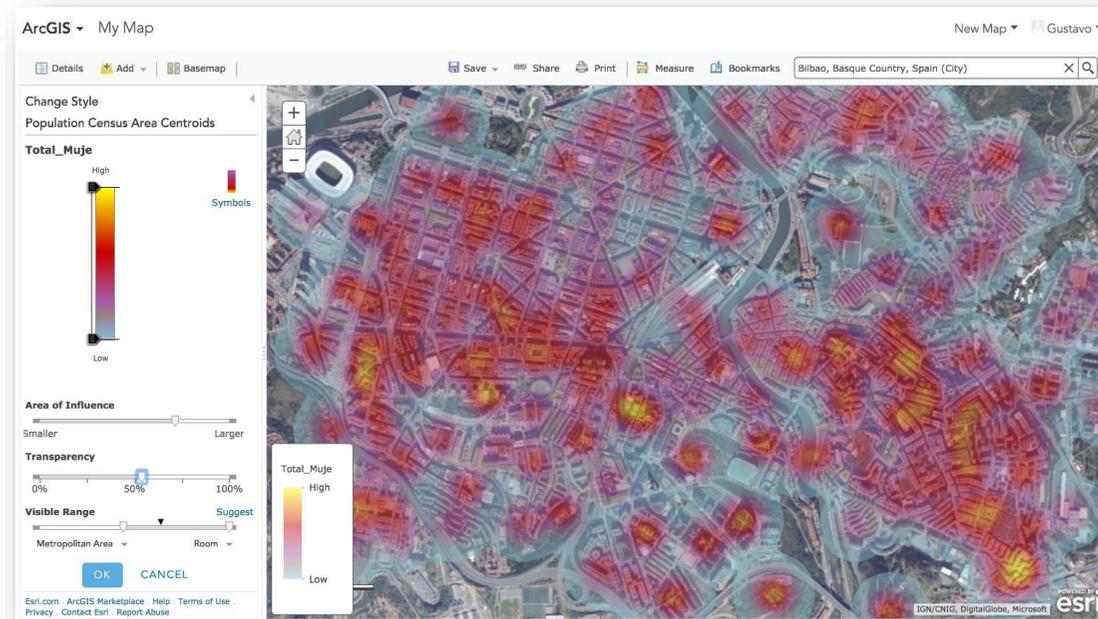
- To change the way the colours are applied to the density surface, adjust the position of the two handles on the colour ramp slider.
- To make the clusters become larger and smoother, or smaller and more distinct, adjust the Area of Influence slider.
- To select a different colour ramp, use Symbols.
- To have the map viewer calculate and set the optimal visible range, click Suggest next to the Visible Range slider. You can also manually set the visible range.
- To change the transparency, move the Transparency slider to the left (less transparent) or the right (more transparency).



Creating an online map

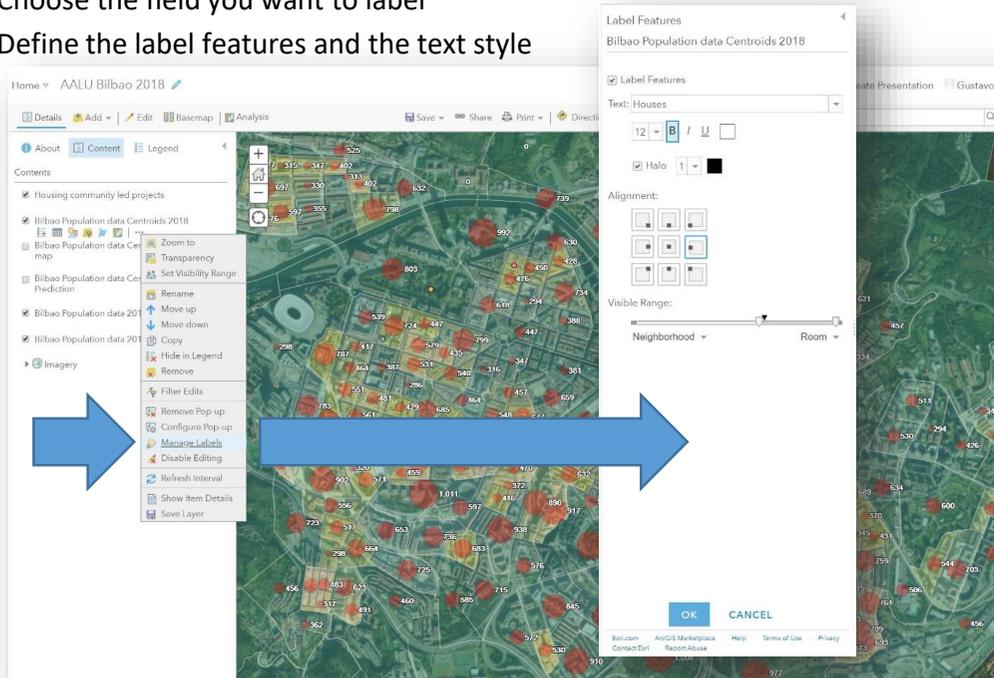
❖ Add Population_Census_Area_Centroids shapefile layer

- Example of a Heat Map created in ArcGIS Online



Creating an online map

- Creating labels
 - On the table of contents > Right click on the feature layer you want to label
 - Choose the field you want to label
 - Define the label features and the text style



Creating an online map

- Configuring Pop-ups
 - Browse to the sublayer that contains the feature data you want to show in a pop-up.
 - Click the arrow to the right of the layer name and click Enable Pop-up.
 - If you do not want to display pop-ups for a layer you have previously enabled, click the arrow to the right of the layer name and click Remove Pop-up. There is no option to remove pop-ups for map notes or KML layers.
 - Click the arrow to the right of the layer name and click Configure Pop-up. You can configure the three sections of the pop-up: title, contents, and media.
 - Enter a title for your pop-up.
 - Select an attribute option from the drop-down menu to set the contents for the pop-up. Your choices are a list of field attributes, a description from one field, a custom attribute display, or no attribute information. If your layer contains related fields, you can configure the pop-up to show related records in a table.



Creating an online map

- If you've selected a custom attribute display, click Configure to define and format the information you want to show. The custom attribute display allows you to use a combination of rich text, attributes, and links to give you the most control and flexibility over your display. If you create a custom attribute display for an editable layer, the attributes appear as a list when somebody edits the feature.
 - If your feature layer includes attachments, you can select to show attachments as links at the bottom of the pop-up. Attachments are supported as a related table to a feature class in a feature service.
 - Add media to your pop-up if you want, such as images or charts.
 - Click Save Pop-up when you are finished configuring your pop-ups.
 - Click Save Layer to save the configuration as a property of the item. You can only save item properties if you own the layer or if you save it as a new item.
-
- Click Save from the top of the map viewer to save the pop-up changes to the map

Creating an online map

+ **Configuring Pop-ups**

The screenshot displays the ArcGIS Online interface for a map titled "AALU Bilbao 2018". The map shows a satellite view of a city area with red circular pop-up markers. A "Configure Attributes" dialog box is open, allowing the user to select which fields to display and edit for the pop-ups. The dialog box includes a table with columns for "Display", "Edit", "Field Name", and "Field Alias".

Configure Attributes

Check the fields you want to display and edit. Select a field to change its alias, order it, and format it.

Display	Edit	Field Name	Field Alias
<input type="checkbox"/>	<input type="checkbox"/>	(FID)	FID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	[CODIGO_PRO]	CODIGO_PRO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	[CODIGO_MUN]	CODIGO_MUN
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	[CODIGO_DIS]	CODIGO_DIS
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	[CODIGO_SEC]	CODIGO_SEC
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	[ID1]	ID1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	[Mujeres_Me]	Mujeres_Me

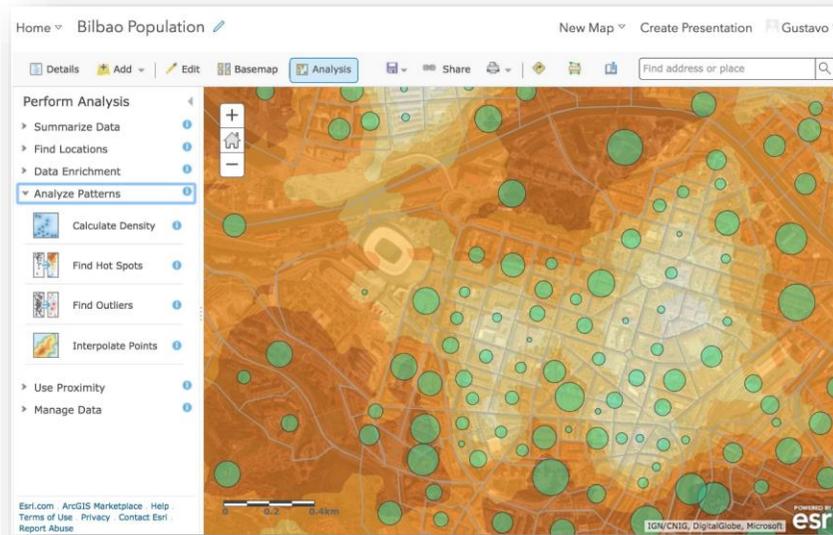
OK CANCEL

Creating an online map

- Perform Analysis
 - Now it is possible to perform a number of analysis in ArcGIS online, and generate new layers derived from them.
 - Select a layer and click on the icon 
 - Different analysis options are displayed. You can perform different analysis depending on the kind of feature (polygon, points, the nature of the data, etc.)
 - **Pay attention!** Performing analysis consumes credits. With the Essential account we have 50 credits for free. In order to know the credit consume related to the analysis, click on Show credits

Creating an online map

- Perform Analysis 
 - Figure: Screenshot of an interpolation analysis based on point data. A polygon feature dataset is generated and saved in our ArcGIS Online Content folder.



Creating an online map

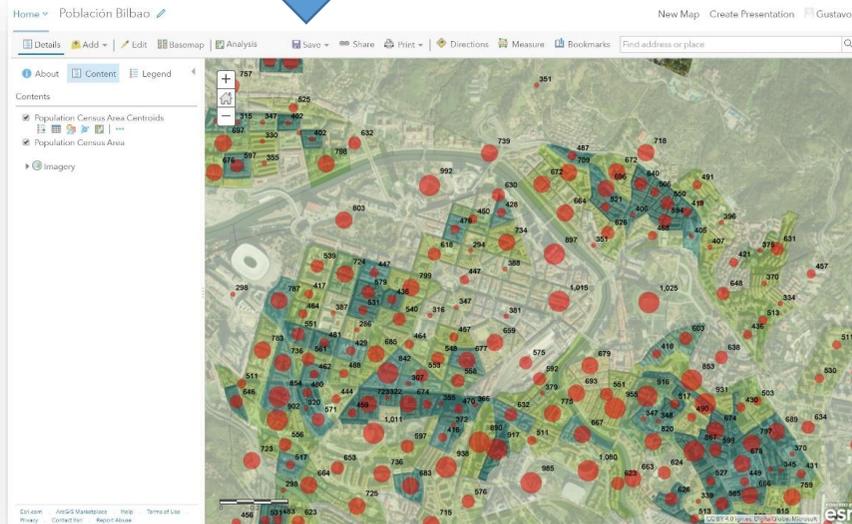
- Save the map > Save in the menu
- Provide a name, some tags, a summary and define an output folder
- Share the map > Click on Share and check the Everyone (public) option
 - We get an URL. Copy the text in order to link to the map via social networks
 - Embed the map in a website. Define the map features to be displayed and create the corresponding URL text to be embed on the website using the wizard:

The screenshot shows the 'Embed in Website' wizard interface. It is titled 'Embed in Website' and has a close button (X) in the top right corner. The interface is divided into several sections:

- What would you like to embed?**: A radio button labeled 'Map' is selected.
- Choose the size of your map.**: Three radio buttons are present: 'Small' (300x260), 'Medium' (500x400, selected), and 'Large' (940x600). There is also a 'Custom' option with input fields for 'W' (500) and 'H' (400).
- Copy and paste HTML to embed in website**: A text area contains the HTML code: `<iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0">`
- Map Options**: A tabbed interface with 'Map Options' and 'Add Symbol' tabs. Under 'Map Options', there are two columns of checkboxes:
 - Column 1: Zoom Control, Home Button, Basemap Selector, View larger map
 - Column 2: Scale Bar, Location Search, Map Details, Legend
- Choose your theme**: Two radio buttons: 'Light' (selected) and 'Dark'.
- Map Preview**: A small thumbnail image of a street map.
- At the bottom right, there are two buttons: 'BACK' and 'DONE'.

Sharing online maps

- Save the map > Save in the menu
- Provide a name, some tags, a summary and define an output folder
- Pay attention to the view and the extension of the map, since when you save your map you define the way it is going to be displayed for anyone



View your online map

- Go to Content and click on the map to see the map properties
- In Share, check Everyone if you want to make your map public
- Then click on Open in Map Viewer

Home Gallery Map Scene Groups Content Organization

Población Bilbao

Overview Usage Settings

Edit Thumbnail

Población Bilbao

Web Map by gustavoromanillos

Created: Mar 12, 2019 Updated: Mar 12, 2019 View Count: 0

Add to Favorites

Description

Add an in-depth description of the item.

Layers

Puntos mayor población

Population_Census_Area_Centroids

Population Census Area

Imagery

World Imagery

Item Information

Low High

Top Improvement: Add a longer summary

Details

Size: 305 KB

Shared with: The item is not shared.

Facebook Twitter Email

Share

Share the item(s) with:

Everyone (public)

Gustavo Romanillos

These settings will replace the current settings.

No groups available to share to.

OK Cancel



Compartiendo tu mapa online



Sharing online maps

- Share the map > Click on Share and check the Everyone (public) option
 - We get an URL. Copy the text in order to link to the map via social networks



The screenshot displays the ArcGIS Online interface for a map titled 'Población Bilbao'. The map shows a city area with numerous red circular markers of varying sizes, each labeled with a numerical value representing population data. The interface includes a top navigation bar with options like 'Home', 'New Map', and 'Create Presentation'. A left sidebar contains 'Contents' and 'Legend' sections. A 'Share' dialog box is open on the right side of the map, with the following content:

Share

Choose who can view this map.
Your map is currently shared with these people.

- Everyone (public)
- Gustavo Romanillos

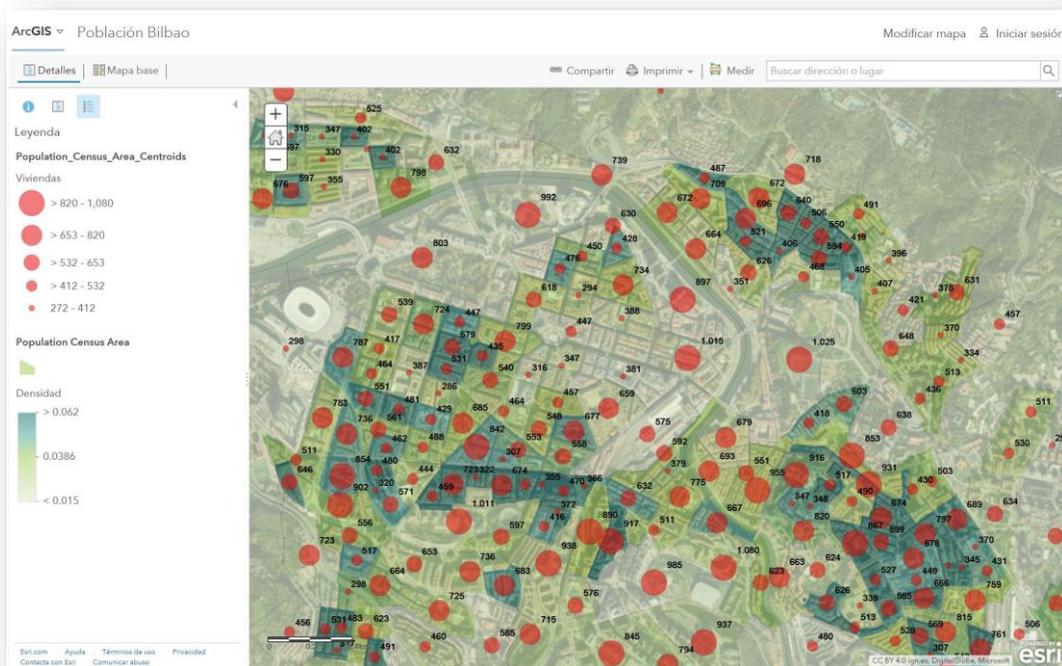
Link to this map
<http://arcg.is/CeK5v> Facebook Twitter

Embed this map
EMBED IN WEBSITE CREATE A WEB APP

DONE

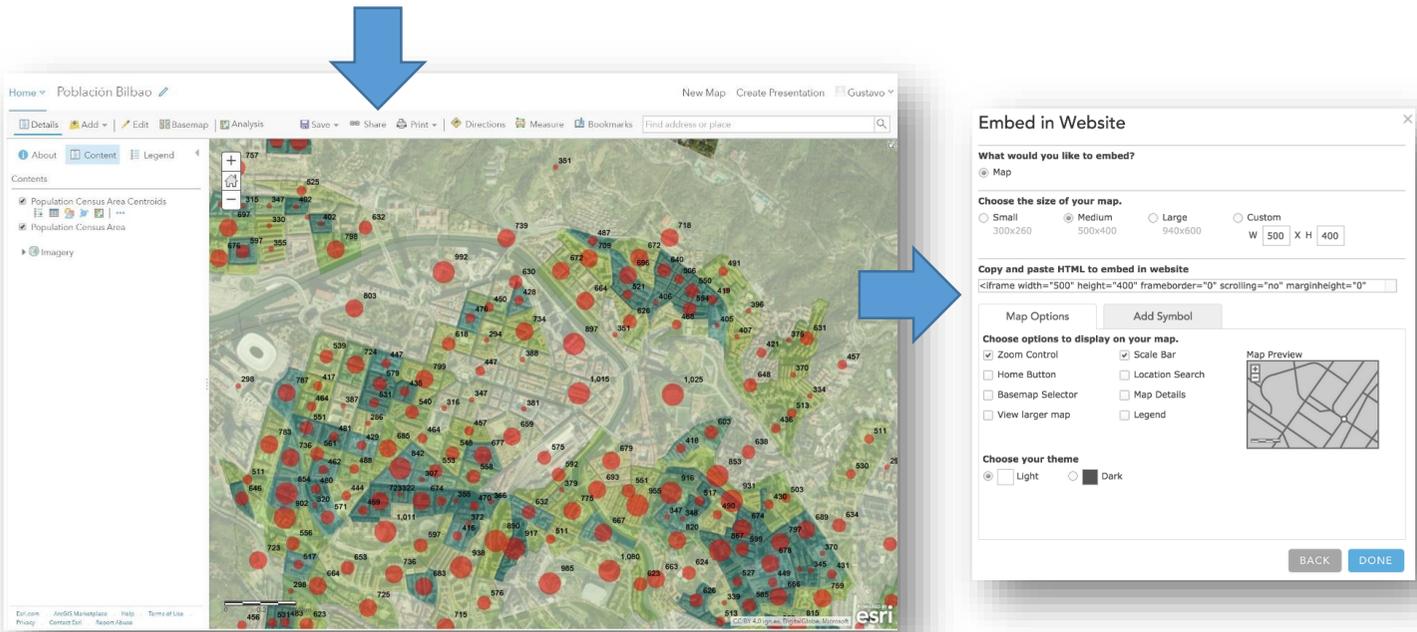
Sharing online maps

- It will be displayed like this: Check that the legend, the pop-up window information and so on is correct.



Sharing online maps

- You can also embed the map in a website. Define the map features to be displayed and create the corresponding URL text to be embedded on the website using the wizard:



The image shows the ArcGIS Online interface for a map titled 'Población Bilbao'. The map displays population data points as red circles of varying sizes over a satellite-style map of Bilbao. A blue arrow points from the text above to the map. Another blue arrow points from the map to the 'Embed in Website' wizard overlay on the right.

Embed in Website

What would you like to embed?
 Map

Choose the size of your map.
 Small (300x260) Medium (500x400) Large (940x600) Custom (W 500 X H 400)

Copy and paste HTML to embed in website
`<iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0">`

Map Options | Add Symbol

Choose options to display on your map.
 Zoom Control Scale Bar
 Home Button Location Search
 Basemap Selector Map Details
 View larger map Legend

Choose your theme
 Light Dark

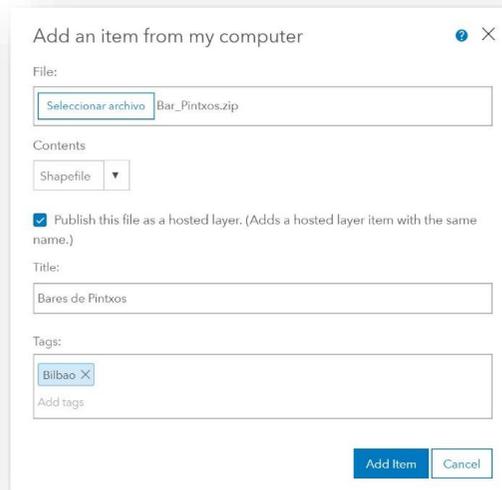
Map Preview

BACK DONE

Creating Editable Maps with ArcGIS online

- ArcGIS online allows to edit the features displayed in a layer uploaded to an online map
- In this way, the map actually becomes editable as well
- In order to do so, you have to configure a layer as editable

❖ Upload the layer Bar_Pintxos and publish it as a hosted layer



Add an item from my computer

File:
Seleccionar archivo Bar_Pintxos.zip

Contents
Shapefile

Publish this file as a hosted layer. (Adds a hosted layer item with the same name.)

Title:
Bares de Pintxos

Tags:
Bilbao

Add tags

Add Item Cancel



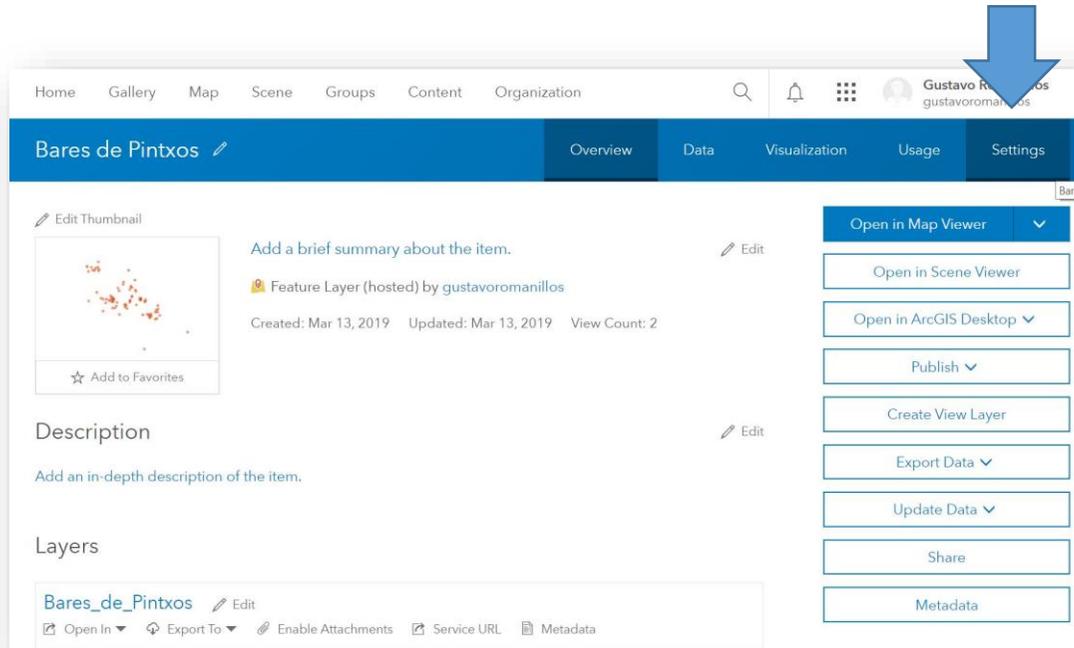
Creating **Editable Maps** with ArcGIS online

- You will be directed to the layer's properties
- First of all, share the layer and make it public

The screenshot shows the ArcGIS Online interface for a layer named 'Bares de Pintxos'. The user is Gustavo Romanillos. The 'Share' button is highlighted in the right-hand menu. A blue arrow points from the 'Share' button to a 'Share' dialog box. The dialog box shows the sharing settings: 'Everyone (public)' and 'Gustavo Romanillos' are selected. A yellow message box states 'No groups available to share to.' The 'OK' button is highlighted.

Creating Editable Maps with ArcGIS online

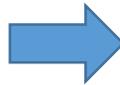
- Then go to Settings



The screenshot displays the ArcGIS Online interface for a map titled "Bares de Pintxos". The top navigation bar includes "Home", "Gallery", "Map", "Scene", "Groups", "Content", and "Organization". The user profile "Gustavo Román" is visible in the top right. The "Settings" tab is selected in the secondary navigation bar. A blue arrow points to this tab. The main content area shows the map thumbnail, a brief summary, and a list of actions: "Open in Map Viewer", "Open in Scene Viewer", "Open in ArcGIS Desktop", "Publish", "Create View Layer", "Export Data", "Update Data", "Share", and "Metadata".

Creating Editable Maps with ArcGIS online

- In Settings configure the layer:
- Check the option Prevent this item from being accidentally deleted if you wish
- Then, check **enable editing**
- Select the options that are convenient for your map
- Then, save your options.



General Feature Layer (hosted)

Editing

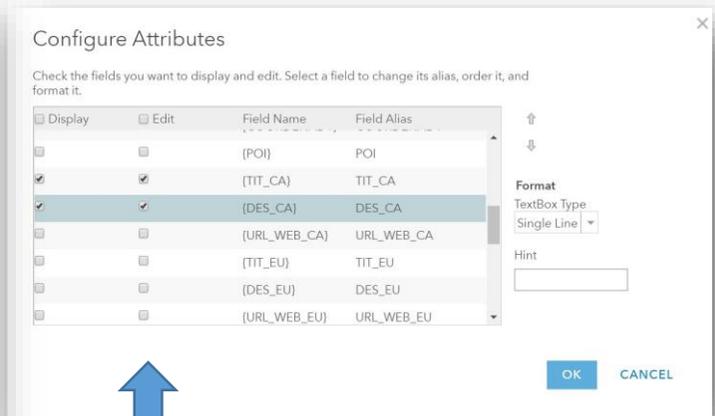
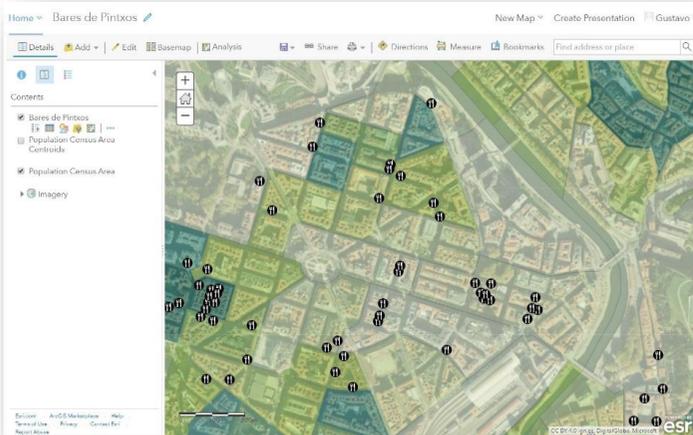
- Enable editing.
This layer is shared with everyone. Enabling editing means everyone can edit it. If that isn't your intent, create a view of this layer that allows editing. [Learn more.](#)
- Keep track of created and updated features.
- Keep track of who created and last updated features.
- Enable Sync (disconnected editing with synchronization).

- Who can edit features?
Share the layer to specific groups of people, the organization or publicly via the Share button on the Overview tab. This layer is currently shared with: Everyone (public)
- What kind of editing is allowed?
 - Add, update, and delete features
 - Add and update features
 - Add features
 - Update features
 - Update attributes only
- What features can editors see?
 - Editors can see all features
 - Editors can only see their own features (requires tracking)
 - Editors can't see any features, even those they add
- What features can editors edit?
 - Editors can edit all features
 - Editors can only edit their own features (requires tracking)
- What access do anonymous editors (not signed in) have?
 - The same as signed in editors
 - Only add new features, if allowed above (requires tracking)
- Who can manage edits?
 - You
 - Administrators
 - Data curators with the appropriate privileges



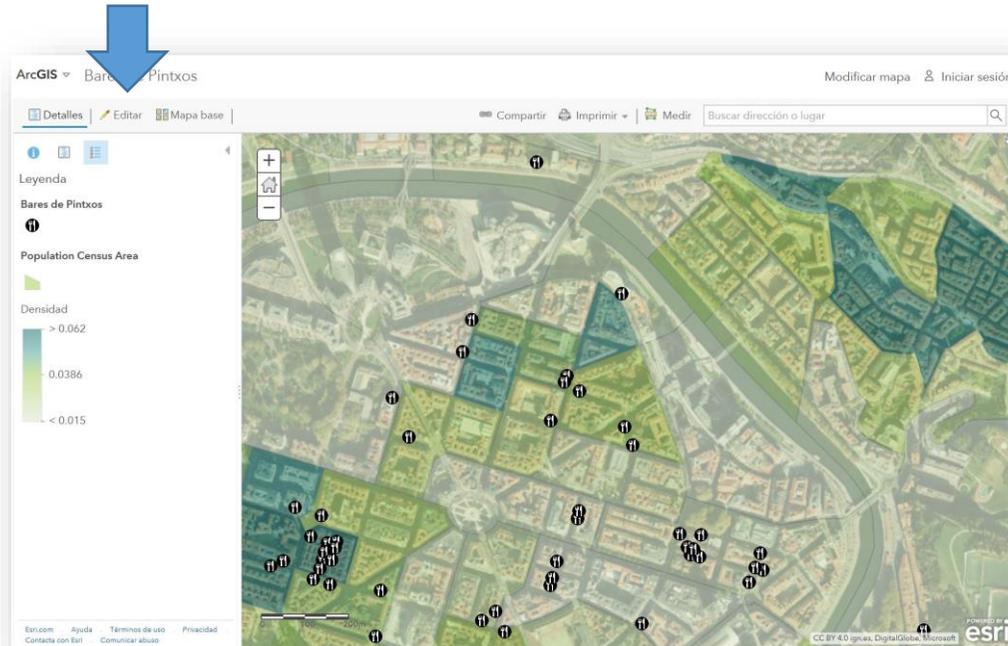
Creating Editable Maps with ArcGIS online

- ◆ Now let's create a new map of Bilbao. You can create a copy of the previous one, with the option "Save as". We will name it "Bares de Pintxos"
- Remove the layers that you don't need
- Add the layer Bares de Pintxos
- Configure the layer's symbology
- Configure the Pop-up window. Check the attributes that you want to be editable



Creating **Editable Maps** with ArcGIS online

- Then, share the map as public and open it. You will see that the map is editable now



Creating Web applications with ArcGIS online

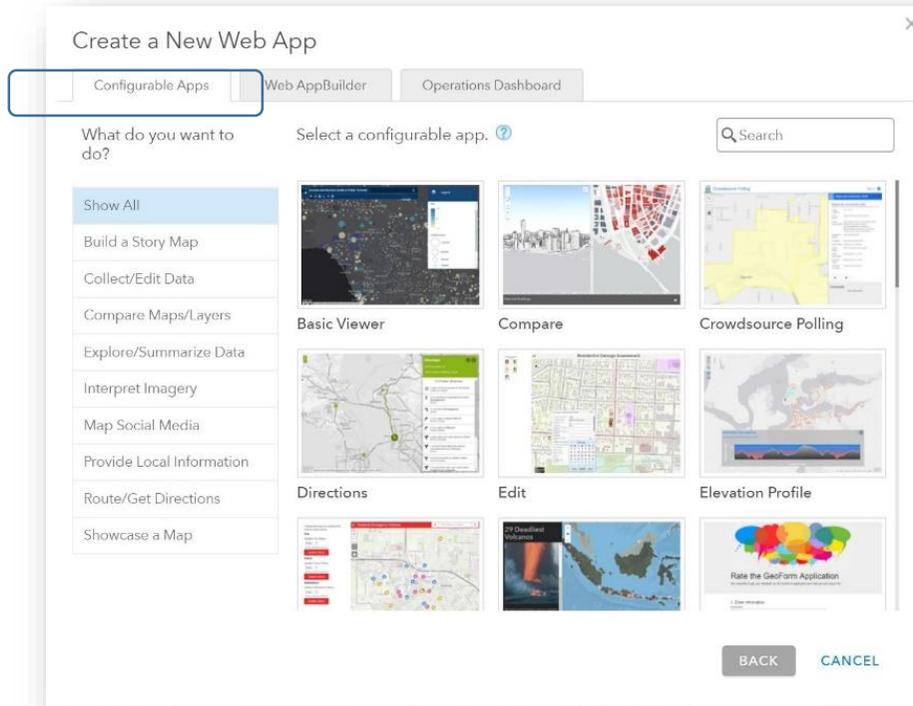
- + With ArcGIS online, you can create web applications in order to customize the interface of your online map and provide different features
- + Share the map and select Create a Web App

The image shows a screenshot of the ArcGIS Online interface. The main map displays a city area with numerous red circles of varying sizes, representing data points. The interface includes a top navigation bar with options like 'Home', 'New Map', and 'Create Presentation'. A blue arrow points from the 'Share' button in the top navigation bar to the 'Share' dialog box on the right. The 'Share' dialog box has a title 'Share' and a close button 'X'. It contains the following text: 'Choose who can view this map. Your map is currently shared with these people.' Below this, there are two checked options: 'Everyone (public)' and 'Gustavo Romanillos'. There is a text input field for a link to the map, containing 'https://arcgis.com/D5yHt', and social media sharing buttons for Facebook and Twitter. Under the heading 'Embed this map', there are two buttons: 'EMBED IN WEBSITE' and 'CREATE A WEB APP'. A blue arrow points from the 'CREATE A WEB APP' button to the text 'Mapas en línea con ArcGIS Online' at the bottom right. At the bottom left, there is a logo for 'tGIS'.

Mapas en línea con ArcGIS Online

Creating **Web applications** with ArcGIS online

- + You can create Configurable Apps, based on different Templates



Creating **Web applications** with ArcGIS online

- + Or you can create your App through Web App Builder. We will work on this option
- + Select Web App Builder, and save your app providing a title, a description, tags, etc.

Create a New Web App

Configurable Apps | **Web AppBuilder** | Operations Dashboard

To create a new app with Web AppBuilder, enter a title, tags and summary.

Title: Bares de pintxos de Bilbao

Tags: Bilbao x
Add tags

Summary: (Optional) Bares de pintxos de Bilbao

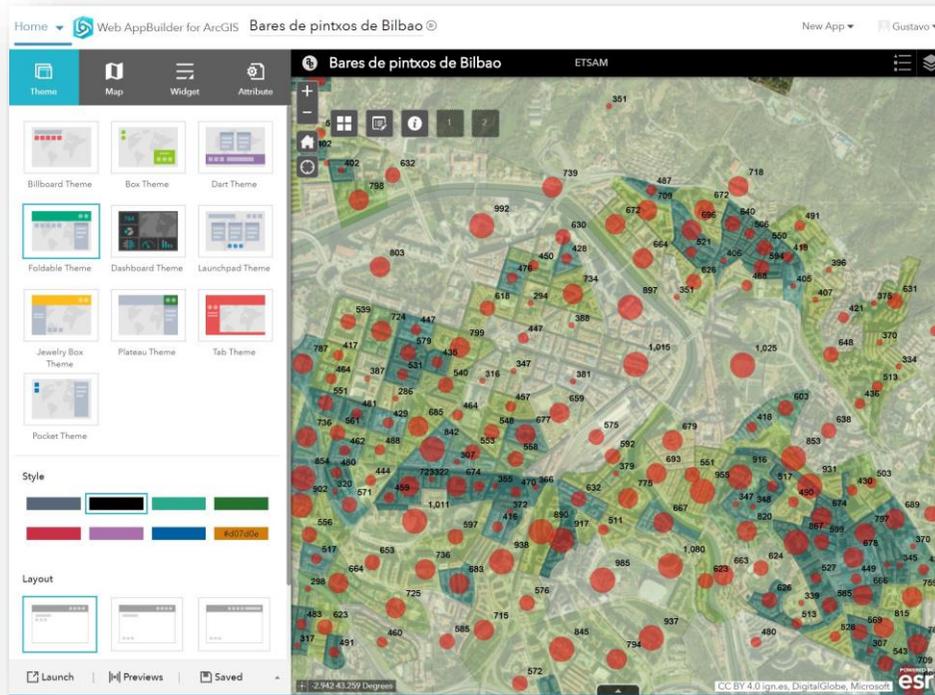
Save in folder: GIS_UPM

Share this app in the same way as the map (Everyone, Gustavo Romanillos)

BACK GET STARTED CANCEL

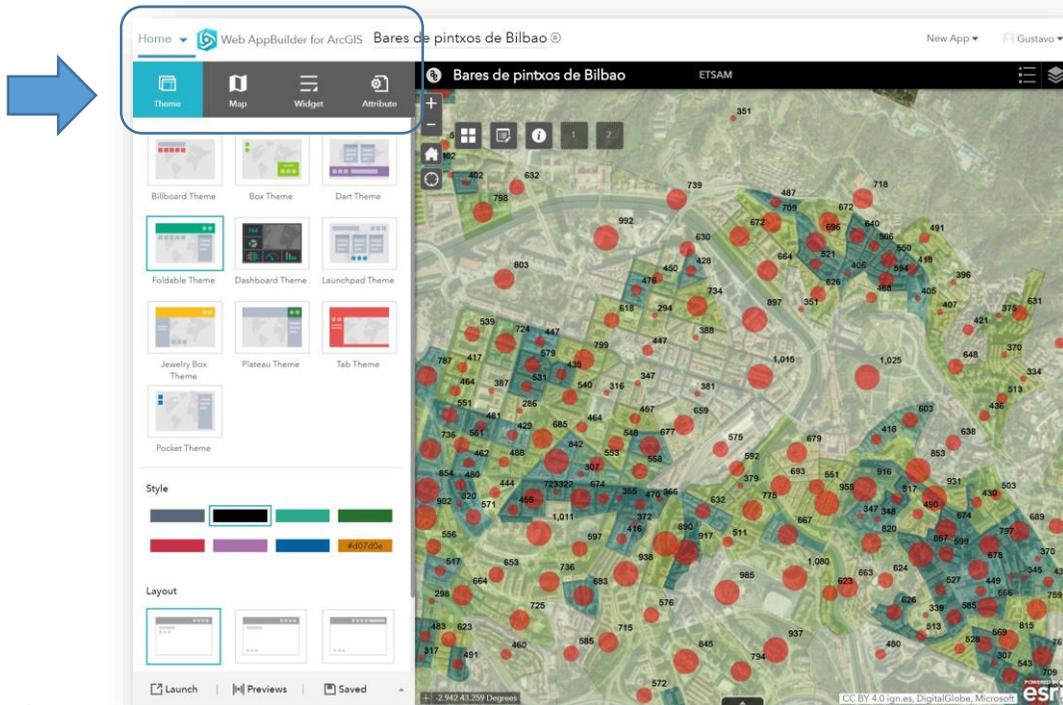
Creating Web applications with ArcGIS online

- + You will be directed to the Web App Builder platform:



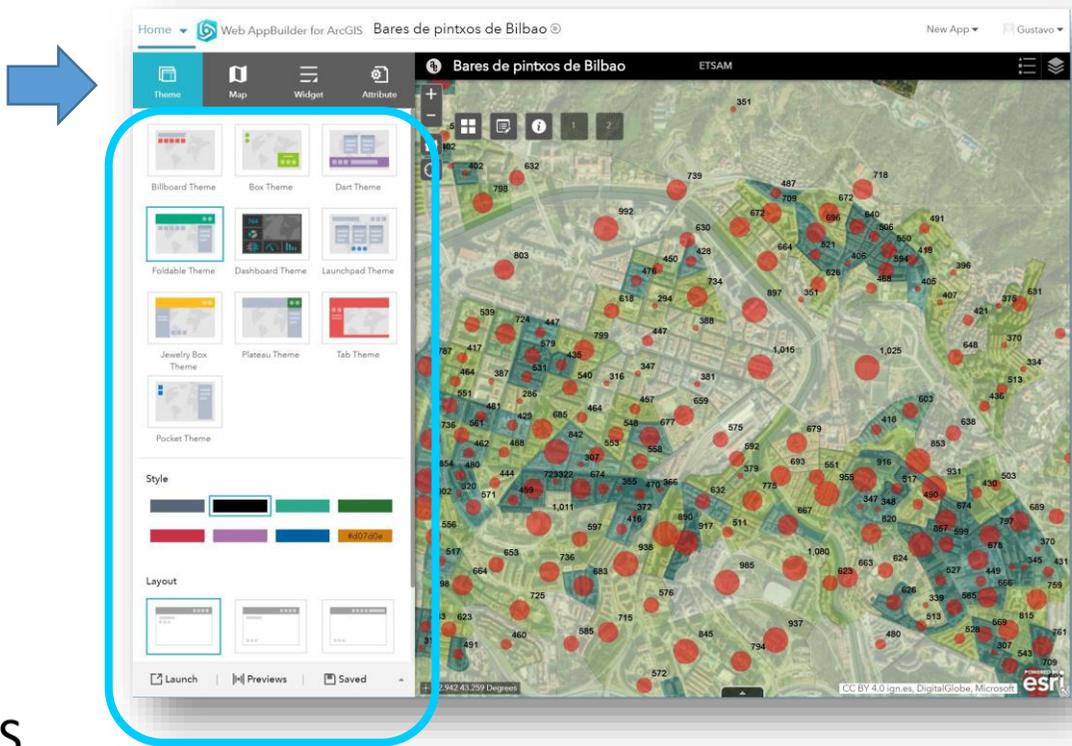
Creating Web applications with ArcGIS online

- + You will create your app following the 4-step process: Theme, Map, Widget and Attribute



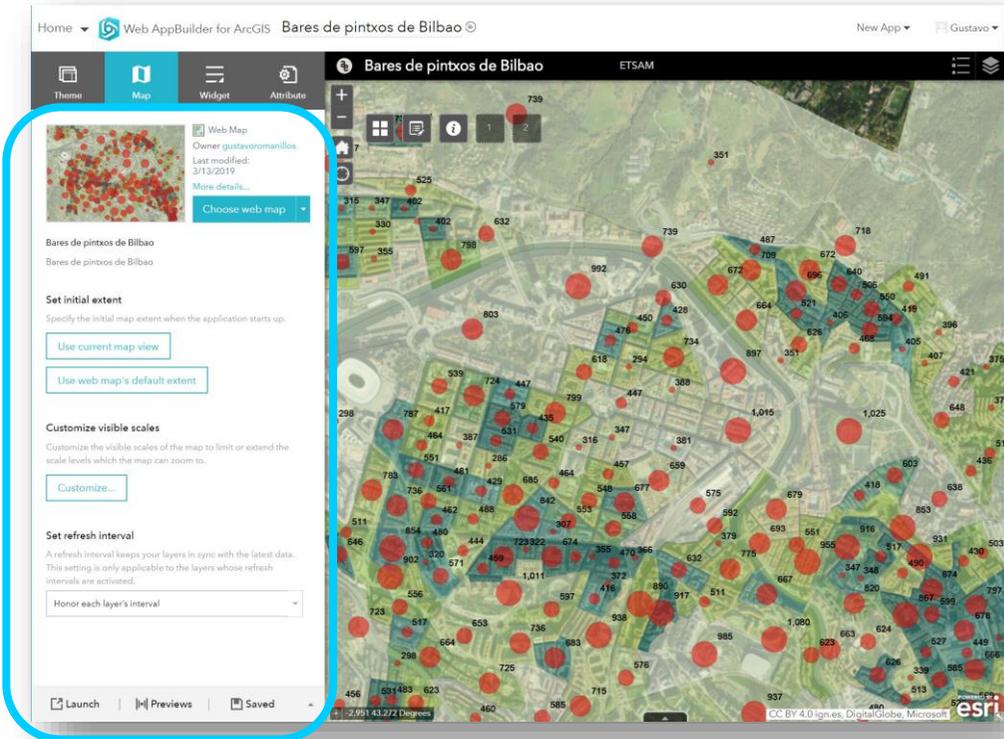
Creating Web applications with ArcGIS online

- + First, choose a theme, a style and a layout, among the different templates available



Creating Web applications with ArcGIS online

- + Second, define the map and the extent of the map that you want to show when launching the app.



The screenshot shows the ArcGIS Web AppBuilder interface for a web application titled "Bares de pintxos de Bilbao". The interface is divided into a left sidebar and a main map area. The sidebar contains a "Web Map" section with a thumbnail of the map, the owner's name "gustavomanillos", the last modified date "3/13/2019", and a "Choose web map" button. Below this, there are sections for "Set initial extent" (with "Use current map view" and "Use web map's default extent" buttons), "Customize visible scales" (with a "Customize..." button), and "Set refresh interval" (with a dropdown menu set to "Honor each layer's interval"). At the bottom of the sidebar are "Launch", "Previews", and "Saved" buttons. The main map area displays a satellite view of Bilbao, Spain, with numerous red circular markers of varying sizes representing bars. The map includes a scale bar at the bottom left showing coordinates and a scale of 500 meters. The Esri logo and copyright information are visible at the bottom right of the map.

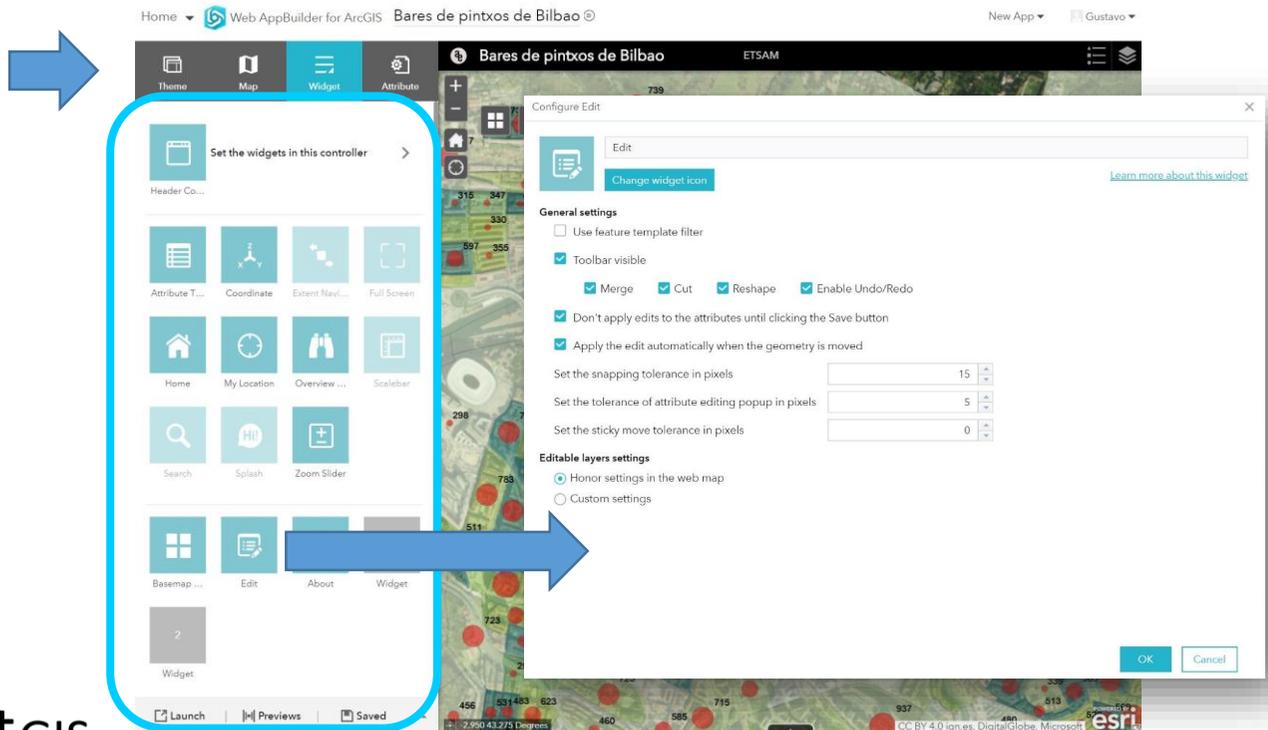
Creating Web applications with ArcGIS online

- + Third, configure the widgets: define the functionalities of the map by selecting the buttons: See Base Maps, Open Legend, etc. and define the location within the interface.

The screenshot displays the ArcGIS Web AppBuilder interface for a web application titled "Bares de pintxos de Bilbao". A blue arrow points to the "Widget" tab, which is highlighted with a blue rounded rectangle. This widget configuration panel shows a grid of icons for various map features: Header Controller, Attribute Table, Coordinate, Extent Navigation, Full Screen, Home, My Location, Overview, Scalebar, Search, Splash, Zoom Slider, Basemap, Edit, About, and a Widget slot. The background shows a map of Bilbao with red circular markers representing pintxos bars, each labeled with a number. The interface includes a top navigation bar with "Home", "Web AppBuilder for ArcGIS", and "Bares de pintxos de Bilbao".

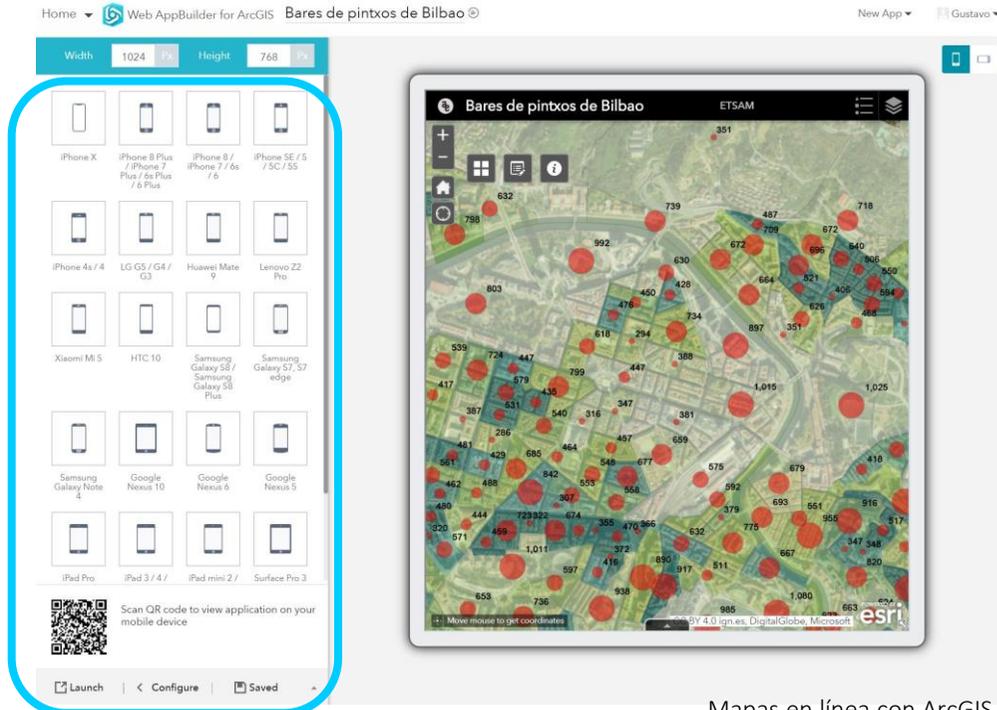
Creating Web applications with ArcGIS online

+ You can configure any particular widget. For instance, the Editing widget:



Creating Web applications with ArcGIS online

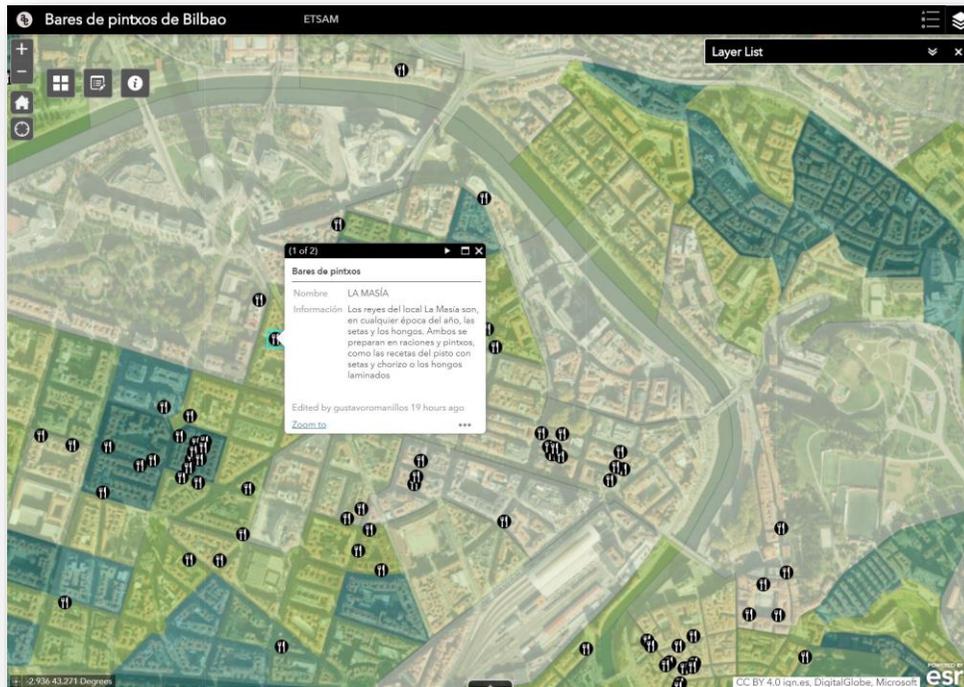
- + You can click on Preview and see how the app performs on different devices:



Mapas en línea con ArcGIS Online

Creating **Web applications** with ArcGIS online

- + Finally, launch the app. It will be stored in your content folder.



Espero que hayáis aprendido!

Gustavo Romanillos

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