

Implement a Modern Integrated Spatial Data Infrastructure

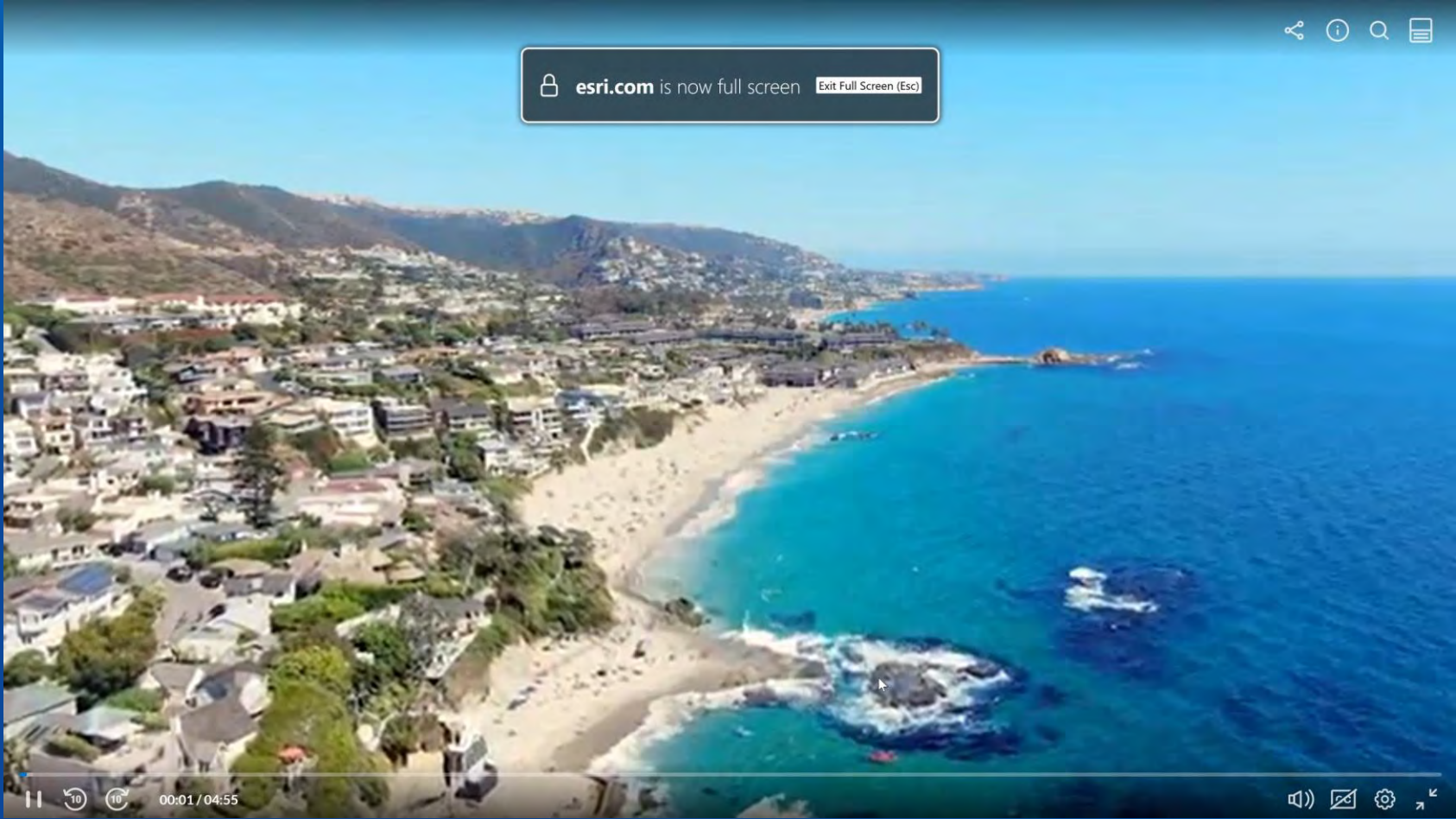
Louis Kruger & Leigh Thomas



THE SOUTHERN AFRICA ESRI USER CONFERENCE 2023



Introduction



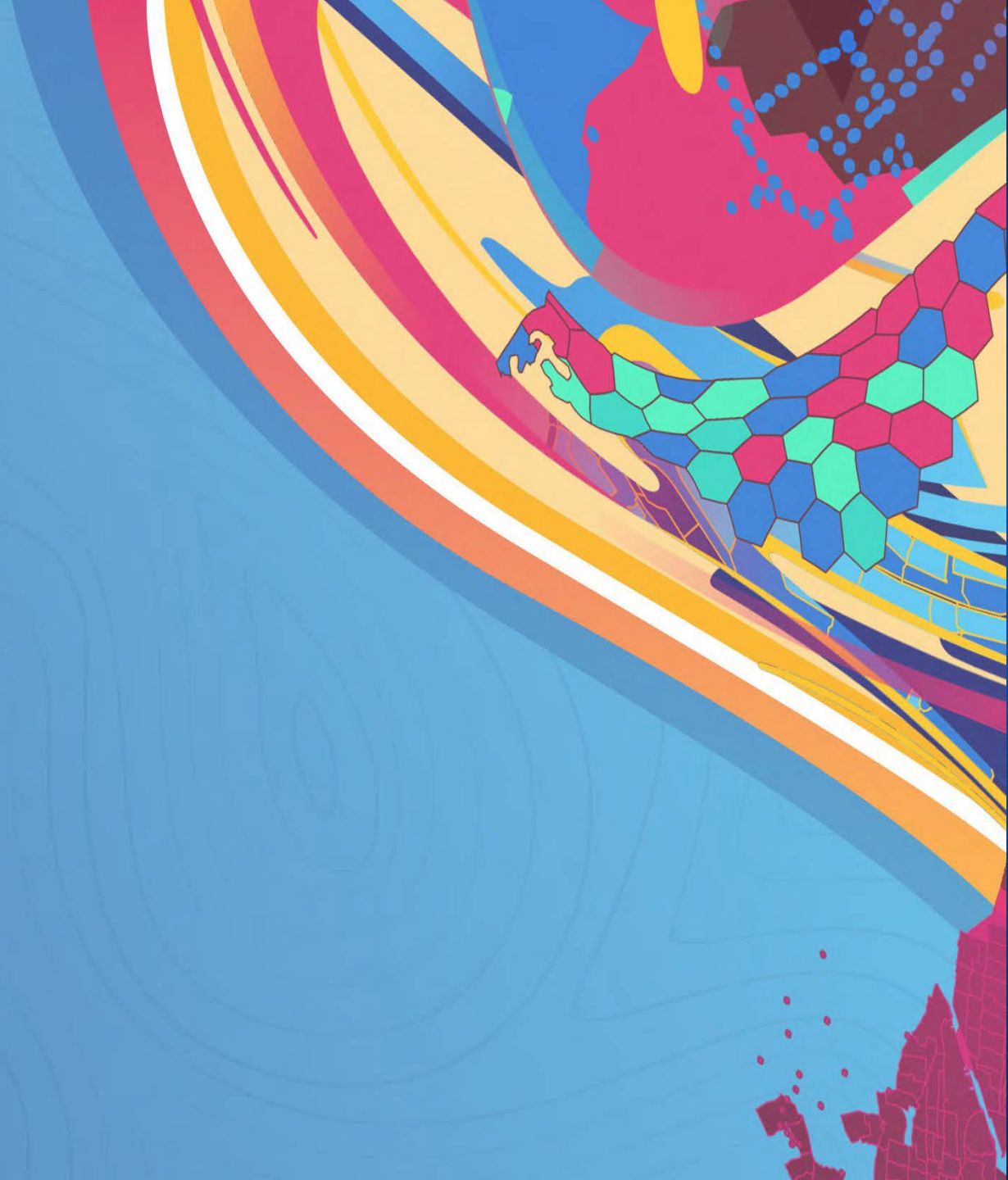
Topics that we'll cover in our session...

- Build a basic external facing website with ArcGIS Sites
- Apply best practices to design a site that supports data-driven initiatives.
- Share your organization's authoritative data as maps, dashboards, and other information products to a site.
- Configure the open data portal to share authoritative data



Introduction to Enterprise Sites

Louis Kruger



Examples

Africa GeoPortal

<https://www.africageoportal.com/>



Examples

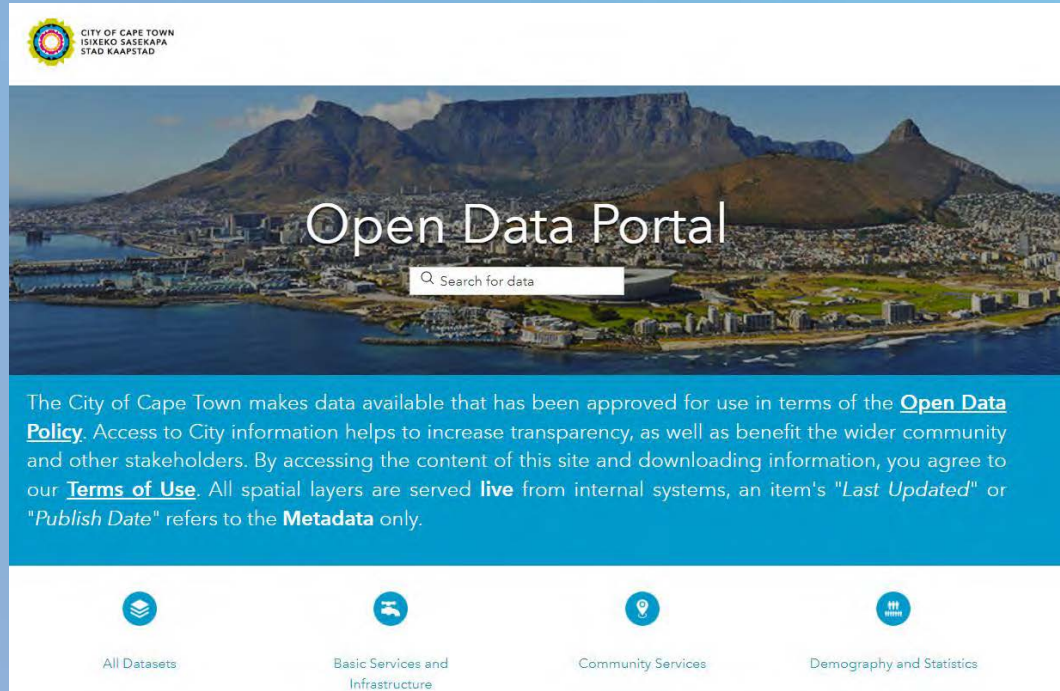
South African Geographic Names Council



https://www.sagns.gov.za/portal/apps/sites/#/s
agnc-site

Examples

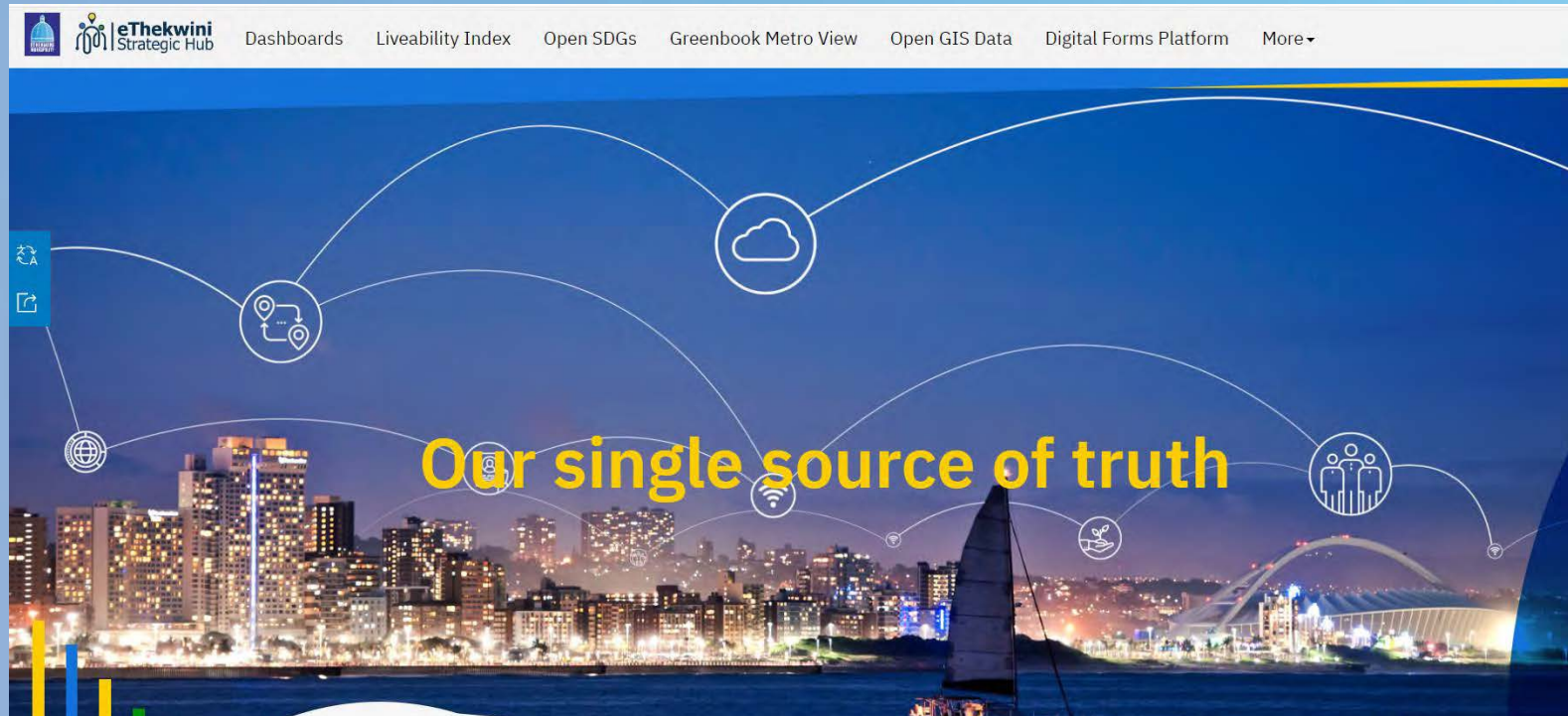
City of Cape Town Open Data Portal



<https://odp-cctegis.opendata.arcgis.com/>

Examples

Ethekwini Strategic Hub



<https://strathub.durban.gov.za/>

Tools



ArcGIS Sites – ArcGIS Enterprise



ArcGIS Hub – ArcGIS Online



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Requirements

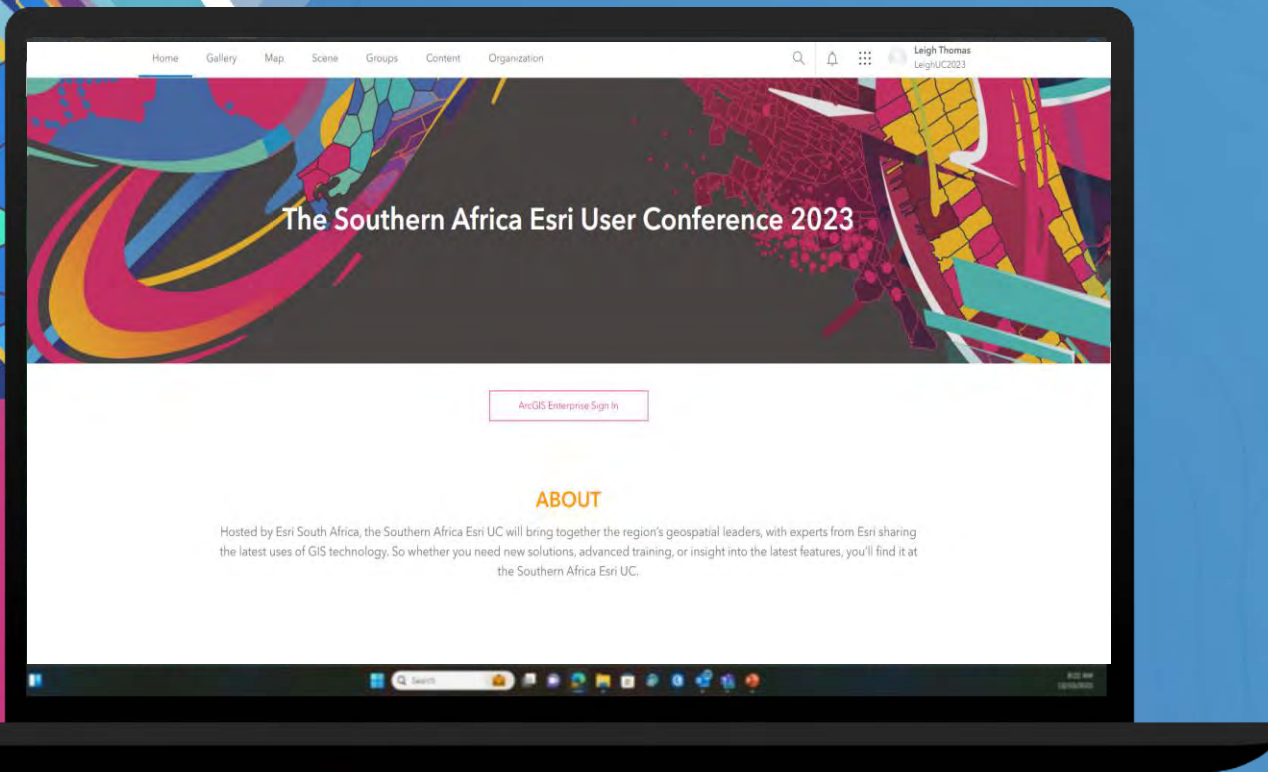
- Enterprise – External Facing or ArcGIS Online
- Creator user
- HTML customization will help

Overview

What is a site?

- A website that you can use to feature content from your portal to non-GIS users
 - Content integration—Display a variety of content types, including content you've already created using other ArcGIS products, along with your own graphics, media, and narratives.
 - Search experience—Create a search experience that enables visitors to discover content, including data, apps, maps, and other items, by entering a key word or phrase on your site's search bar.
 - Configurable branding options—Brand your sites with your organization's logo, theme, social media, and custom domain.
 - Global navigation and site mapping—Build your own site navigation using pages and menu links. This mobile-responsive navigation bar helps people to explore your content on any device.





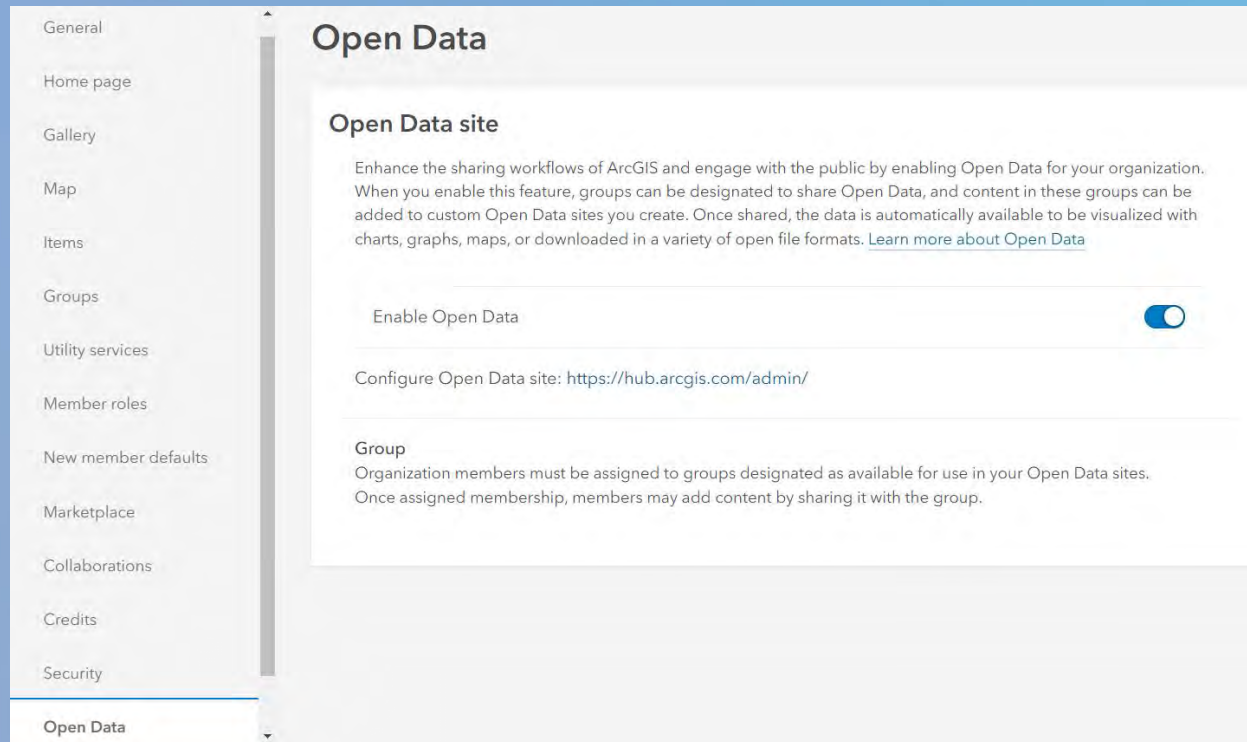
Follow-along training

Leigh Thomas

Open Data Portal

Configure the open data portal to share authoritative data

- ArcGIS Online – Organization > Settings > Open Data



The screenshot shows the 'Open Data' settings page in ArcGIS Online. On the left is a navigation menu with options: General, Home page, Gallery, Map, Items, Groups, Utility services, Member roles, New member defaults, Marketplace, Collaborations, Credits, Security, and Open Data (which is selected). The main content area is titled 'Open Data' and contains the following sections:

- Open Data site**

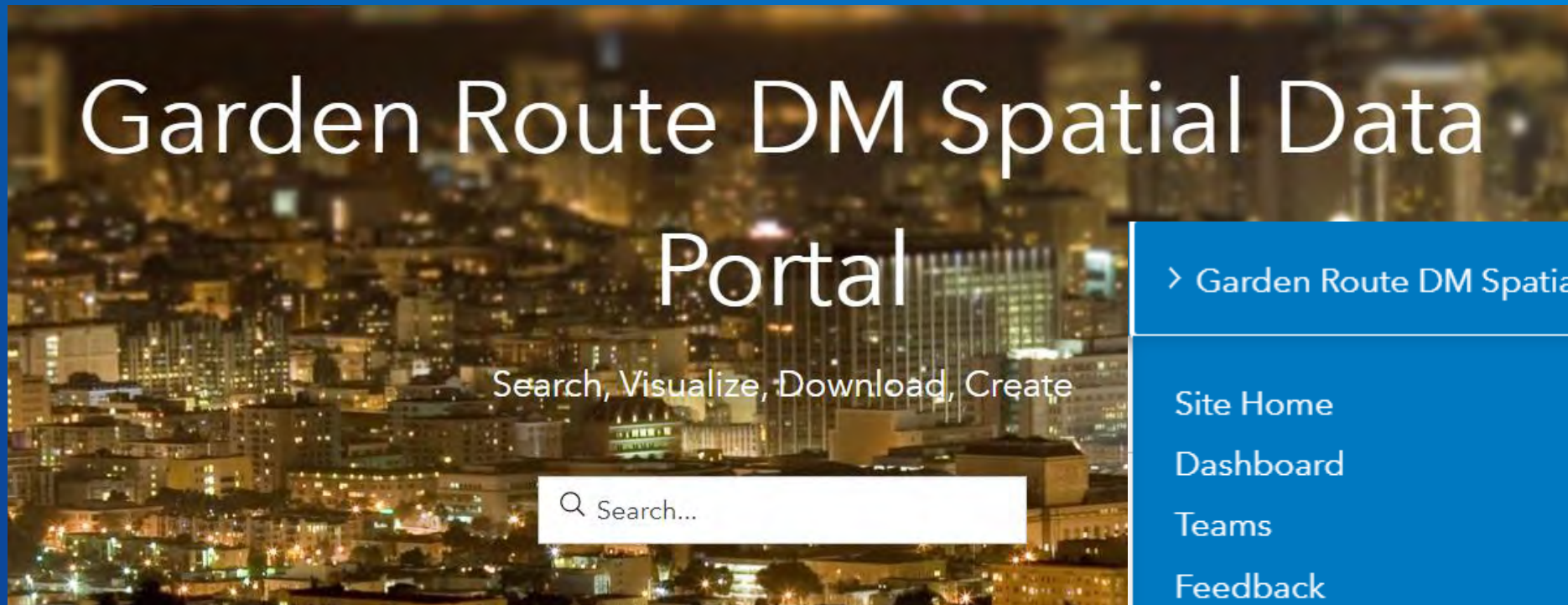
Enhance the sharing workflows of ArcGIS and engage with the public by enabling Open Data for your organization. When you enable this feature, groups can be designated to share Open Data, and content in these groups can be added to custom Open Data sites you create. Once shared, the data is automatically available to be visualized with charts, graphs, maps, or downloaded in a variety of open file formats. [Learn more about Open Data](#)

Enable Open Data

Configure Open Data site: <https://hub.arcgis.com/admin/>
- Group**

Organization members must be assigned to groups designated as available for use in your Open Data sites. Once assigned membership, members may add content by sharing it with the group.

Open Data Portal



> Garden Route DM Spatial Data Portal ▾

Site Home •

Dashboard

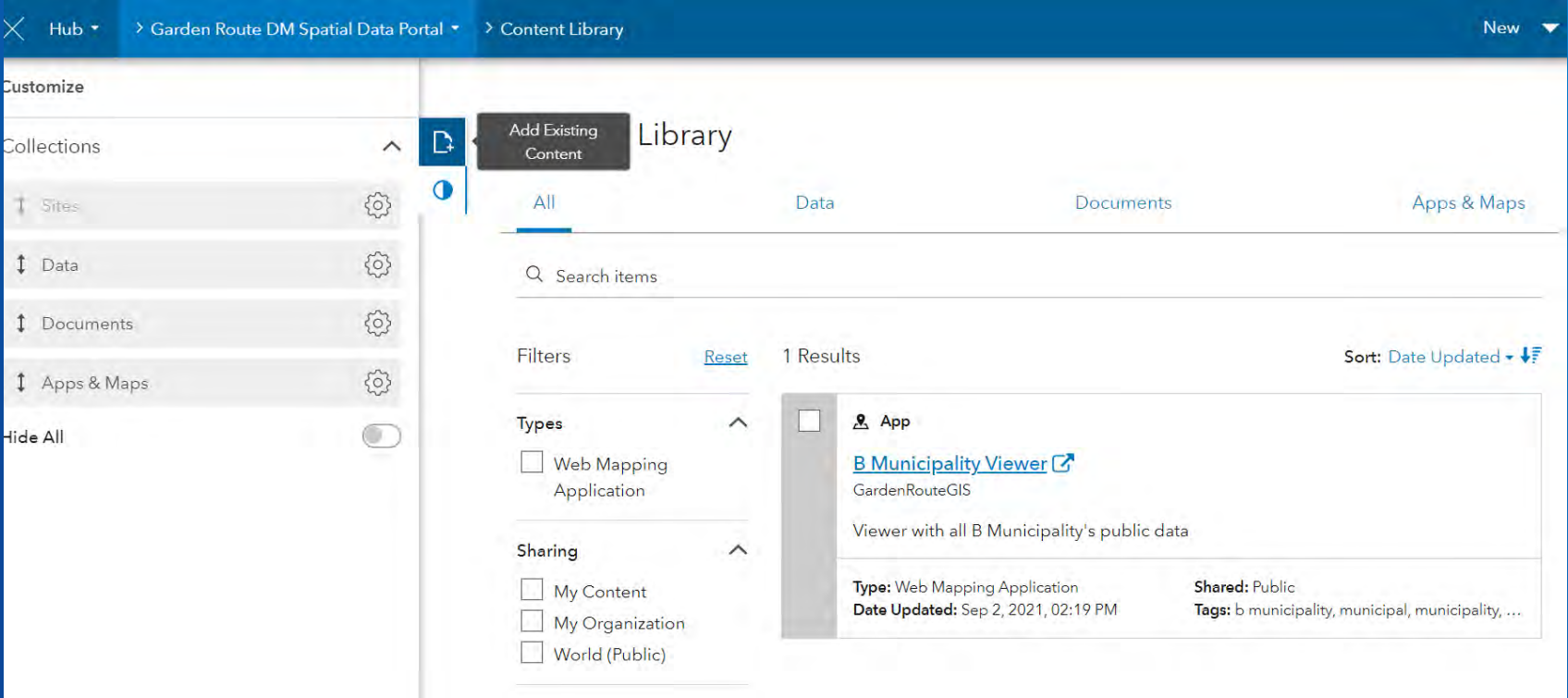
Teams

Feedback

[Content Library](#)

Groups Manager

Open Data Portal



Resources

- [ArcGIS Hub YouTube](#)
- <https://doc.arcgis.com/en/arcgis-online/administer/configure-open-data.htm>

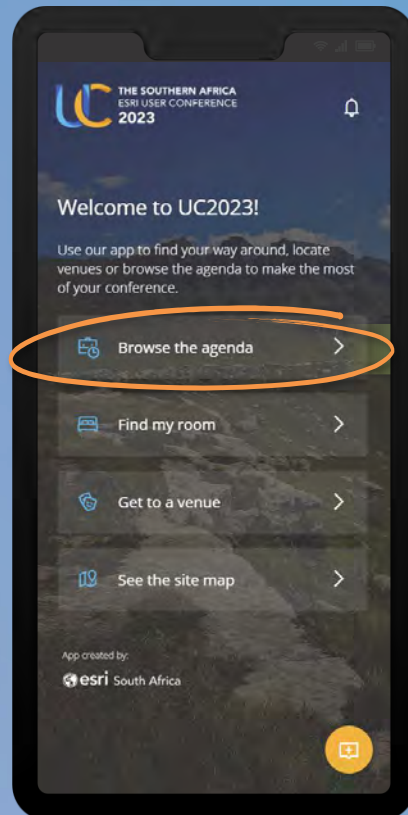
Questions?



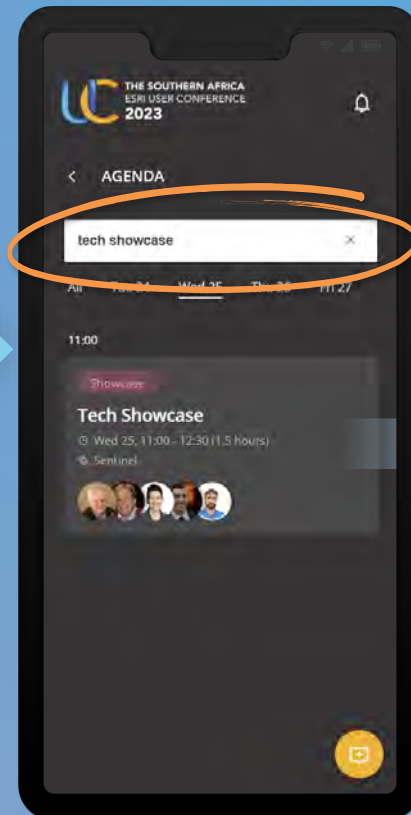
Please share your feedback in the UC2023 app



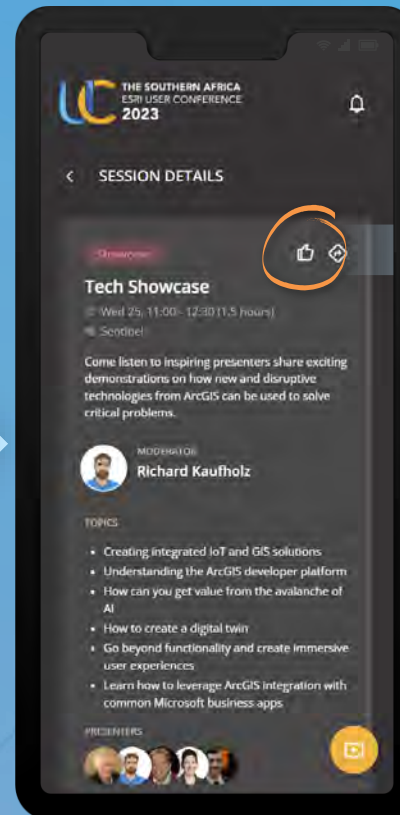
Open
uc2023.esri-southafrica.com
and browse the agenda



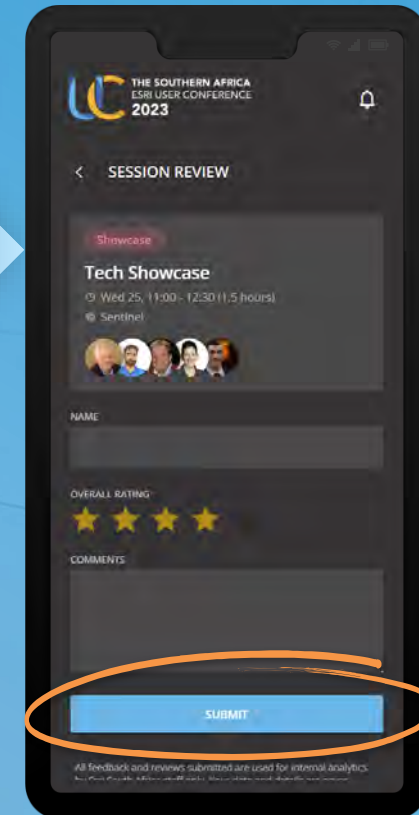
Search and select the
session you attended



Click the “thumbs up”
icon



Complete and submit
your review





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2023

CONNECTING COMMUNITIES