



Survey123 for ArcGIS

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Spring NEARC | May-19 2020





Survey123 for ArcGIS

Location-aware smart forms for your organization

Intuitive user experience

Sophisticated data validation rules

Support data-driven decision making





Survey123 for ArcGIS

A complete form-centric system for your organization

1- Powerful smart form design tools

2- Desktop, web and mobile form-centric apps

3- Form-centric data visualization and analysis






Smart form design tools

Focused, intuitive and powerful smart form design

Create a New Survey

Using the web designer

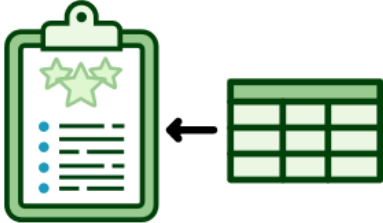
- Get started quickly
- Best for simple surveys
- Author your survey graphically



Get started

Using Survey123 Connect

- Using a desktop application
- Full smart form capabilities
- Author through XLSForm spreadsheet



Get started



Survey123 web designer

Visually design smart forms from your web browser

The screenshot shows the Survey123 web designer interface in a browser window. The browser address bar shows the URL <https://survey123.arcgis.com>. The page title is "Code Violation Report - Design". The interface includes a navigation menu with "Overview", "Design" (selected), "Collaborate", "Analyze", "Data", and "Settings". The main content area displays a form titled "Code Violation Report" with two sections:

- 1 Date and time of report:** Contains two input fields, one for the date (12/9/19) and one for the time (1:32 PM).
- 2 Location:** Features a map of Redlands, CA, with a search bar and a "Submit" button below it.

On the right side, there is a "Toolbox" with various form widget options:

- Singleline Text
- Multiline Text
- Single Choice
- Single Choice Grid
- Multiple Choice
- Dropdown
- Rating
- Likert
- Number
- Date
- Time
- Date/Time
- Image
- File Upload
- Signature
- GeoPoint
- Email
- Website
- Note
- Group
- Page

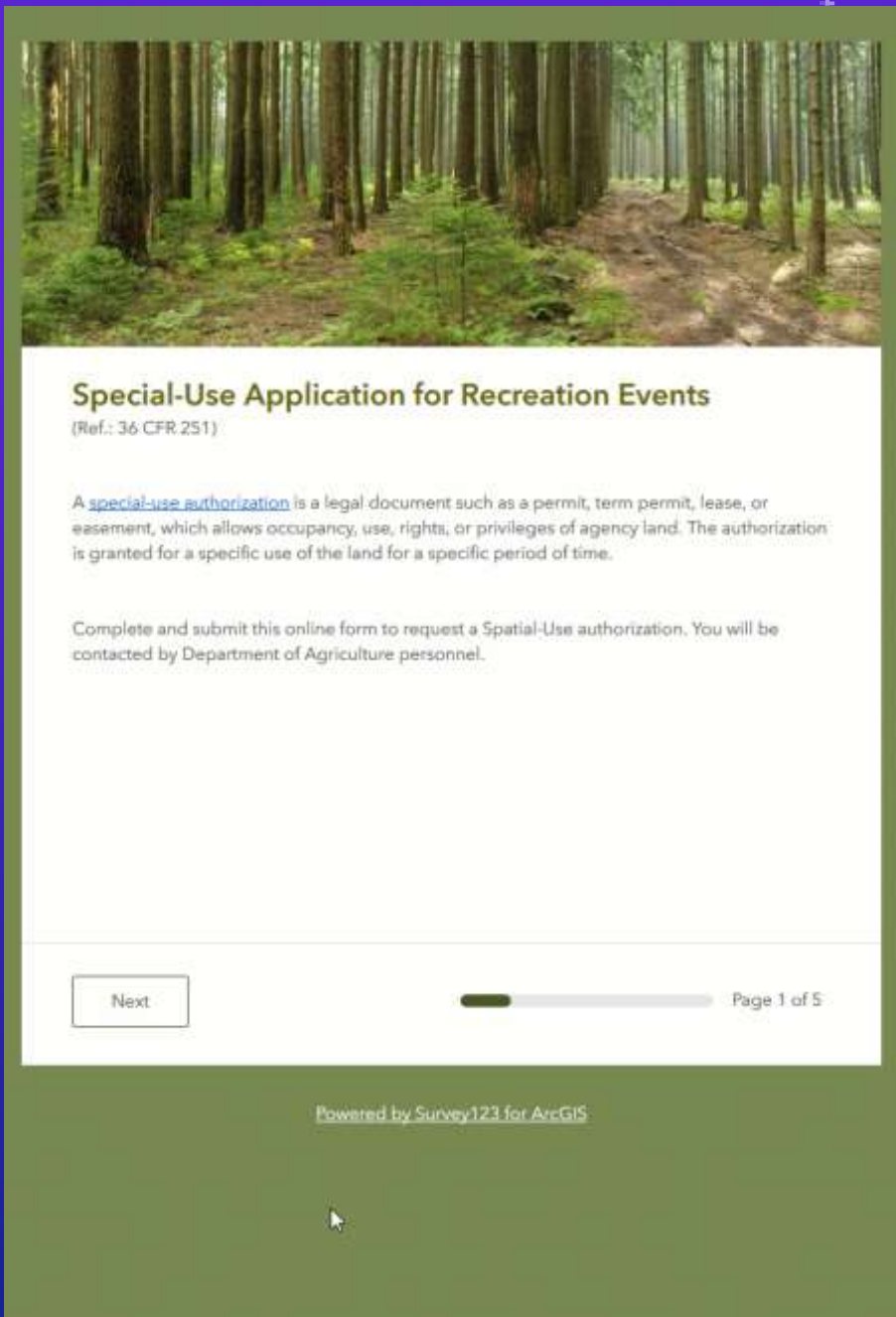
At the bottom right, there are buttons for "Save", "Preview", and "Publish". The footer text reads "Powered by Survey123 for ArcGIS".



Survey123 web

New: Groups and Pages

- Logically organize questions in your survey
 - Groups (Sections)
 - Pages
- Apply visibility rules to Groups
- Supported in the web and field apps





Survey123 web

New: Groups and Pages

The screenshot displays the Survey123 web interface in the 'Pages' design view. The top navigation bar includes 'Overview', 'Design' (selected), 'Collaborate', 'Analyze', 'Data', and 'Settings'. The main workspace is titled 'Pages' and contains a text area for 'Description content for the survey', a central instruction: 'Please drag from or press on the right panel to add your first question.', and a green 'Submit' button. Below the workspace, it says 'Powered by Survey123 for ArcGIS'. The right-hand panel is a toolbar with icons for 'Add', 'Edit', 'Appearance', and 'Settings'. Below these icons is a grid of question types: Singleline Text, Multiline Text, Single Choice, Single Choice Grid, Multiple Choice, Dropdown, Rating, Likert, Number, Date, Time, Image, File Upload, Signature, GeoPoint, Email, Website, Note, Group, and Page. At the bottom of the interface are 'Save', 'Preview', and 'Publish' buttons.



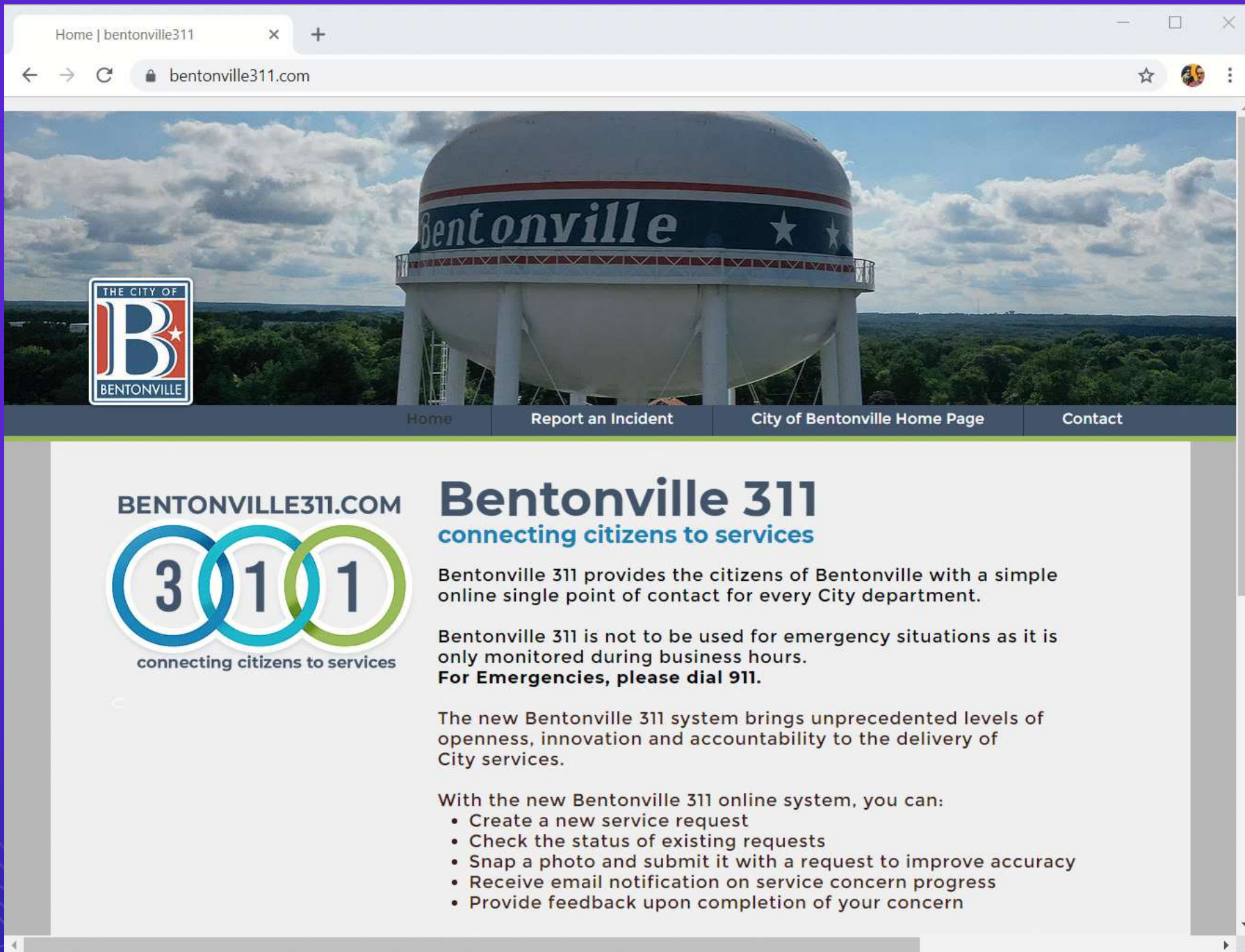
Survey123 web

New: Choice Grids

- Compact multiple choice questions into a grid
- Accelerates data capture and simplifies form
- Supported in the web and field apps

The screenshot shows a web browser window displaying a survey form titled "Tree Health Survey". The form is set against a background image of green leaves. The form fields are as follows:

- Date and Time of Survey:** Two input fields. The first contains "12/9/19" and the second contains "02:02 PM".
- Submitted By:** A single-line text input field.
- Common Tree Name:** A single-line text input field.
- Location:** A map input field showing a street map of Redlands, CA. A blue location pin is placed on the map. The map includes a search bar with the text "Find address or place" and various street names like "W Redlands Blvd", "W Stuart Ave", and "E in Redlands".



BENTONVILLE311.COM



connecting citizens to services

Bentonville 311

connecting citizens to services

Bentonville 311 provides the citizens of Bentonville with a simple online single point of contact for every City department.

Bentonville 311 is not to be used for emergency situations as it is only monitored during business hours.

For Emergencies, please dial 911.

The new Bentonville 311 system brings unprecedented levels of openness, innovation and accountability to the delivery of City services.

With the new Bentonville 311 online system, you can:

- Create a new service request
- Check the status of existing requests
- Snap a photo and submit it with a request to improve accuracy
- Receive email notification on service concern progress
- Provide feedback upon completion of your concern

California Black Businesses Web x California Black Businesses Surve x

ourcommunity.maps.arcgis.com/apps/webappviewer/index.html?id=35cba20dc4b04582acffc1b3369ba382

New Business

Don't see a Business?

Add New Business

We understand that we don't have all black businesses listed. Please help us by adding a business to the map!

Total

907

Black Owned Businesses in CA

Top Areas Target Market

Home Northern Central So

Map interface showing a map of California with red markers indicating business locations. The map is overlaid with a splash screen.

BLACK GIRLS M.A.P.P.

Black Businesses California

Do not show this splash screen again.

Enter

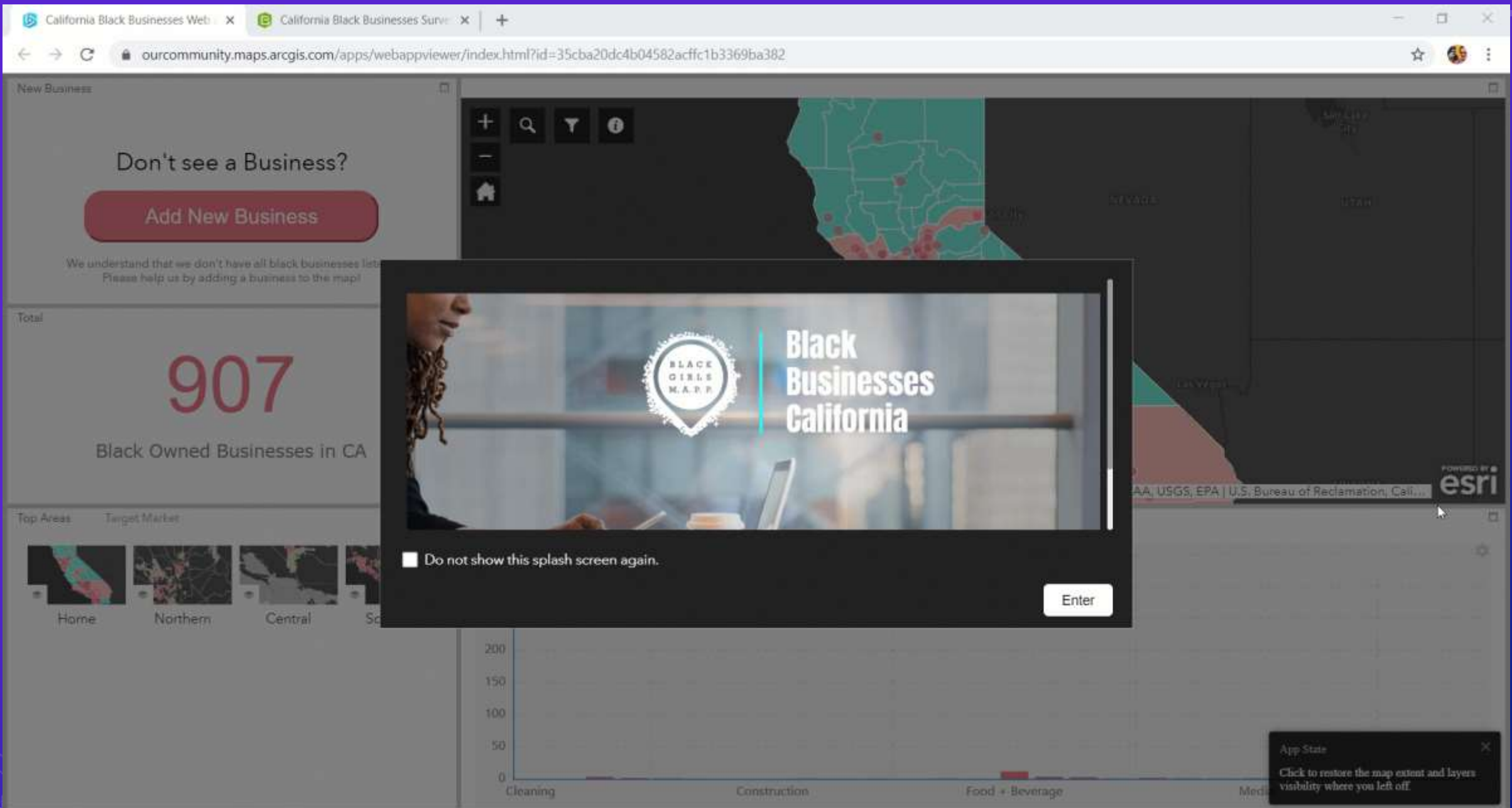
esri

AA, USGS, EPA | U.S. Bureau of Reclamation, Cali...

App State

Click to restore the map extent and layers visibility where you left off.

Cleaning Construction Food + Beverage Medi




Help fight crime with Richland

https://www.nbcrighnow.co

NBC **Right Now**
KNDU 23 KNDU 25

Help fight crime with Richland Police Department's Voluntary Camera Partnership

News Release from the City of Richland Dec 6, 2019 Updated Dec 6, 2019



VCP
VOLUNTARY CAMERA PARTNERSHIP

OWN A SECURITY CAMERA? JOIN THE RICHLAND VOLUNTARY CAMERA PARTNERSHIP AND HELP KEEP YOUR NEIGHBORHOOD SAFE.

OWN A SECURITY

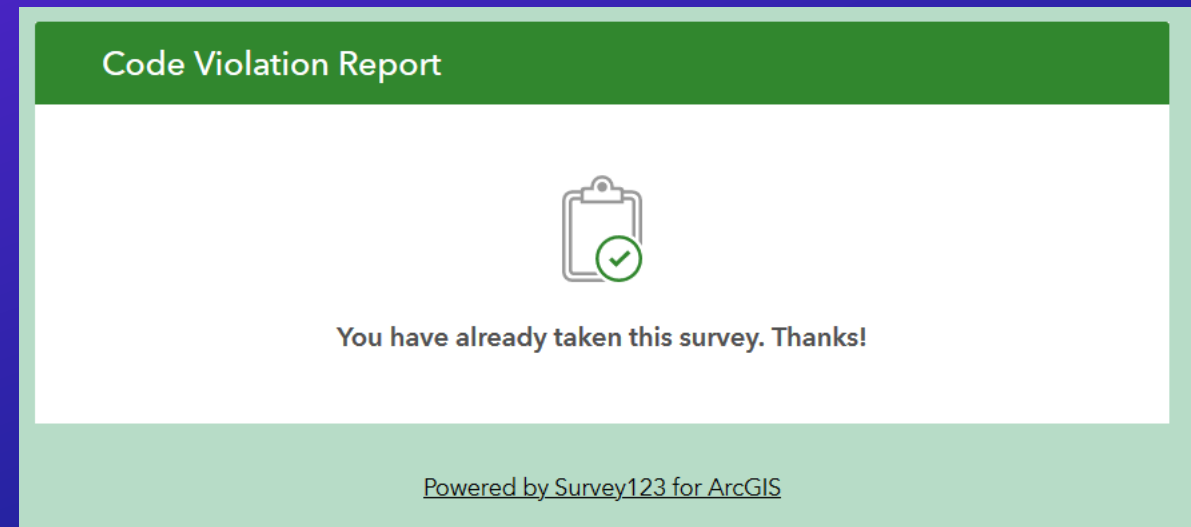
f t e b



Survey123 web

Other enhancements

- Prevent users from re-submitting a survey from their web browser
- Display a custom dialog when the survey is closed
- Custom themes
- Embed surveys within web applications
- URL query parameters

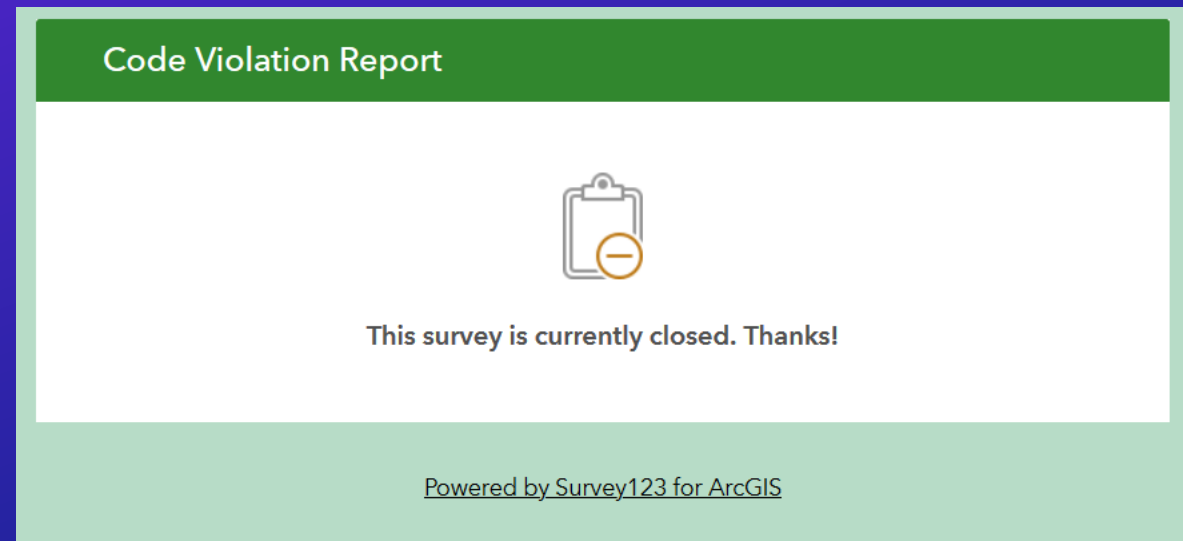




Survey123 web

Other enhancements

- Prevent users from re-submitting a survey from their web browser
- Display a custom dialog when the survey is closed
- Custom themes
- Embed surveys within web applications
- URL query parameters





Survey123 web

URL Query Parameters

- Auto-populate questions on load
- Hide/Show Theme, Title, Questions...
- Open survey is update or view-only mode
- Set the language of your survey

<https://survey123.arcgis.com/share/<itemID>?field:inspector=Fernando&field:treetype=Oak>

<https://survey123.arcgis.com/share/<itemID>?mode=view&objectId=10>

AEME 2019 INSARAG Dashboard

Summary RDC / Team Triage Operations Logistics

AEME 2019 INSARAG Summary Dashb... Team All Teams Sector All Sectors Reporting Period

Worksites

Total
68
Last update: a few seconds ago

Assigned
34
Last update: a few seconds ago

Unassigned
34
Last update: a few seconds ago

In Progress
9
Last update: a few seconds ago

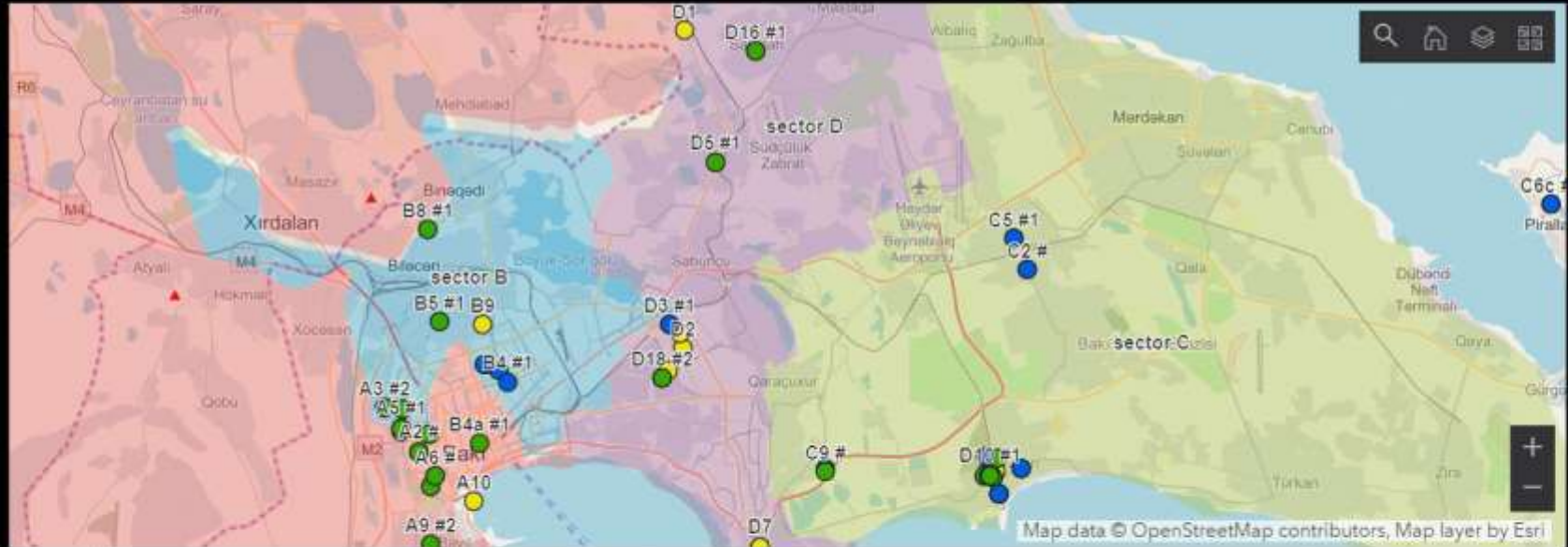
Complete
23

Alive (rescue completed) **66** Last update: a few seconds ago

Alive (rescue in progress) **28** Last update: a few seconds ago

Deceased (recovered) **16** Last update: a few seconds ago

Missing at Worksites **43** Last update: a few seconds ago



Sector Safety and Security

Sector D
sector D

Level 1 - Minimal
Last updated:

Sector B
sector B

Level 1 - Minimal
Last updated:

Sector A
sector A

Level 1 - Minimal
Last update: a few seconds ago

Teams

In country
12
Last update: a few seconds ago

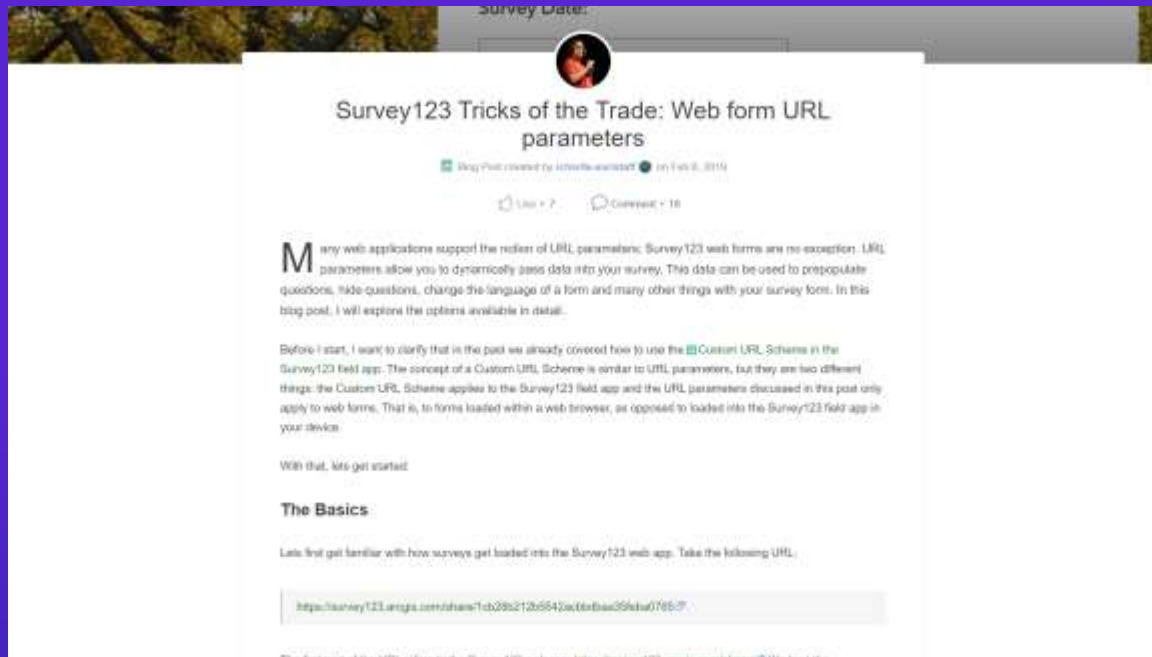
Responding
2

- Oak by John
- Pine by John Smith
- Paloverde by Anna
- Oak by Jason
- Oak Tree by Ismael
- white oak by Joey
- by Mark Smith
- by Hugh
- Oak Tree by John Smith
- Oak Tree by John Smith
- Oak Tree by John Smith
- Oak Tree by John Smith
- Oak Tree by John Smith

Last update: a few seconds ago



Resources: Query parameters in web forms



- Intro to Query Parameters: <https://community.esri.com/groups/survey123/blog/2019/02/06/survey123-tricks-of-the-trade-web-form-url-parameters>
- Editing records: <https://community.esri.com/groups/survey123/blog/2019/05/24/survey123-tricks-of-the-trade-editing-records-in-a-web-form>



Smart form design tools

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Using Survey123 Connect

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Get started



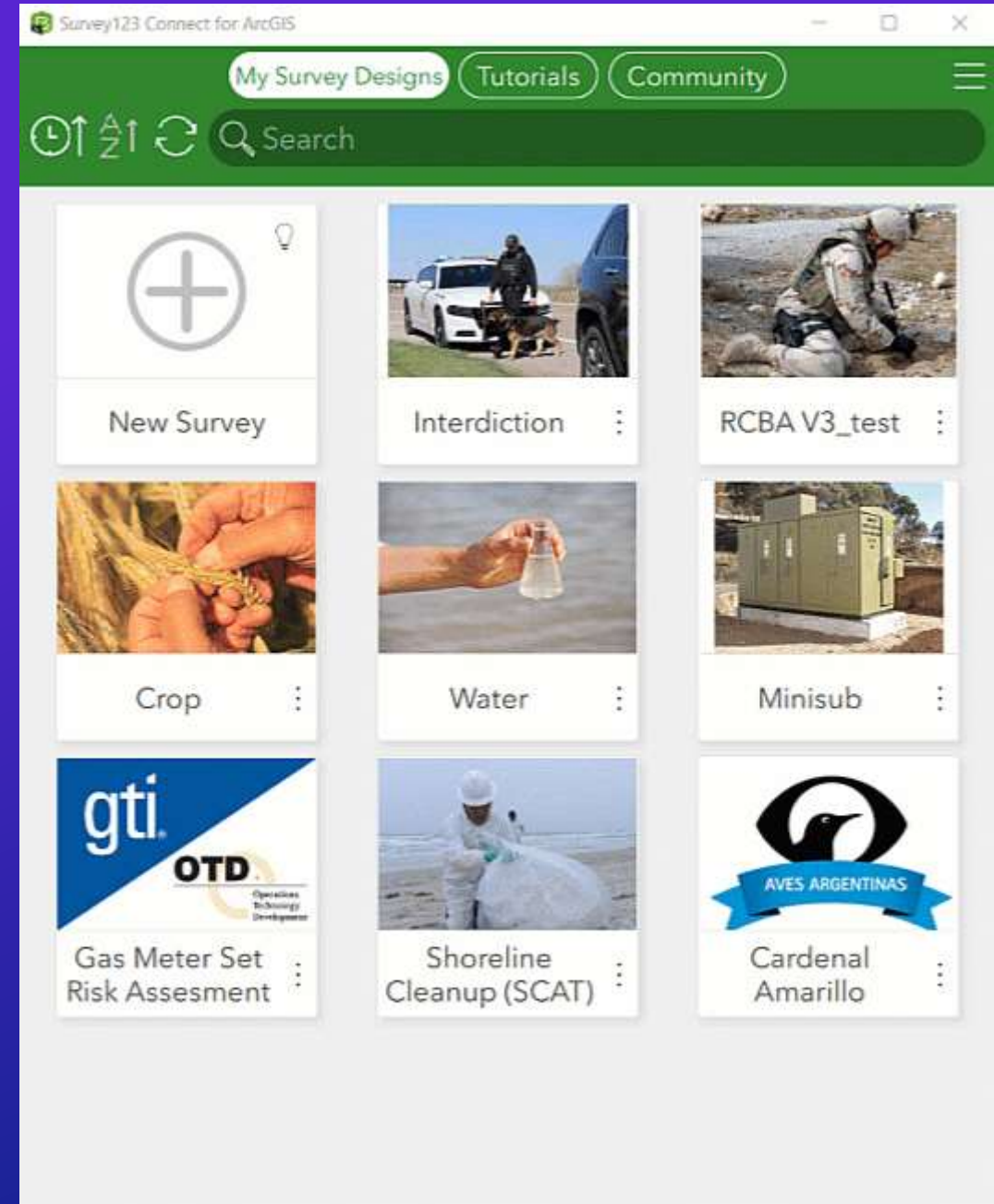
Survey123 Connect

A desktop tool to design sophisticated forms

- **Desktop smart-form authoring tool**
 - Mac OS
 - Windows

Design using XLSForm syntax

Preview designs and publish to ArcGIS





New Survey



RCBA V3_test



Crop



Water



Interdiction



Minisub



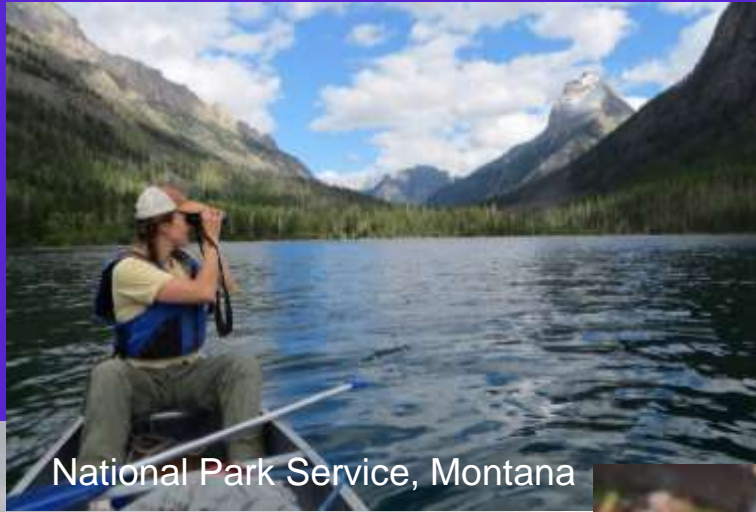
Gas Meter Set
Risk Assessment



Shoreline
Cleanup (SCAT)



Cardenal
Amarillo



National Park Service, Montana



Culvert Inspections



Kenai National Wildlife Refuge, Alaska



SRK Exploration, North Wales



Southern California Edison

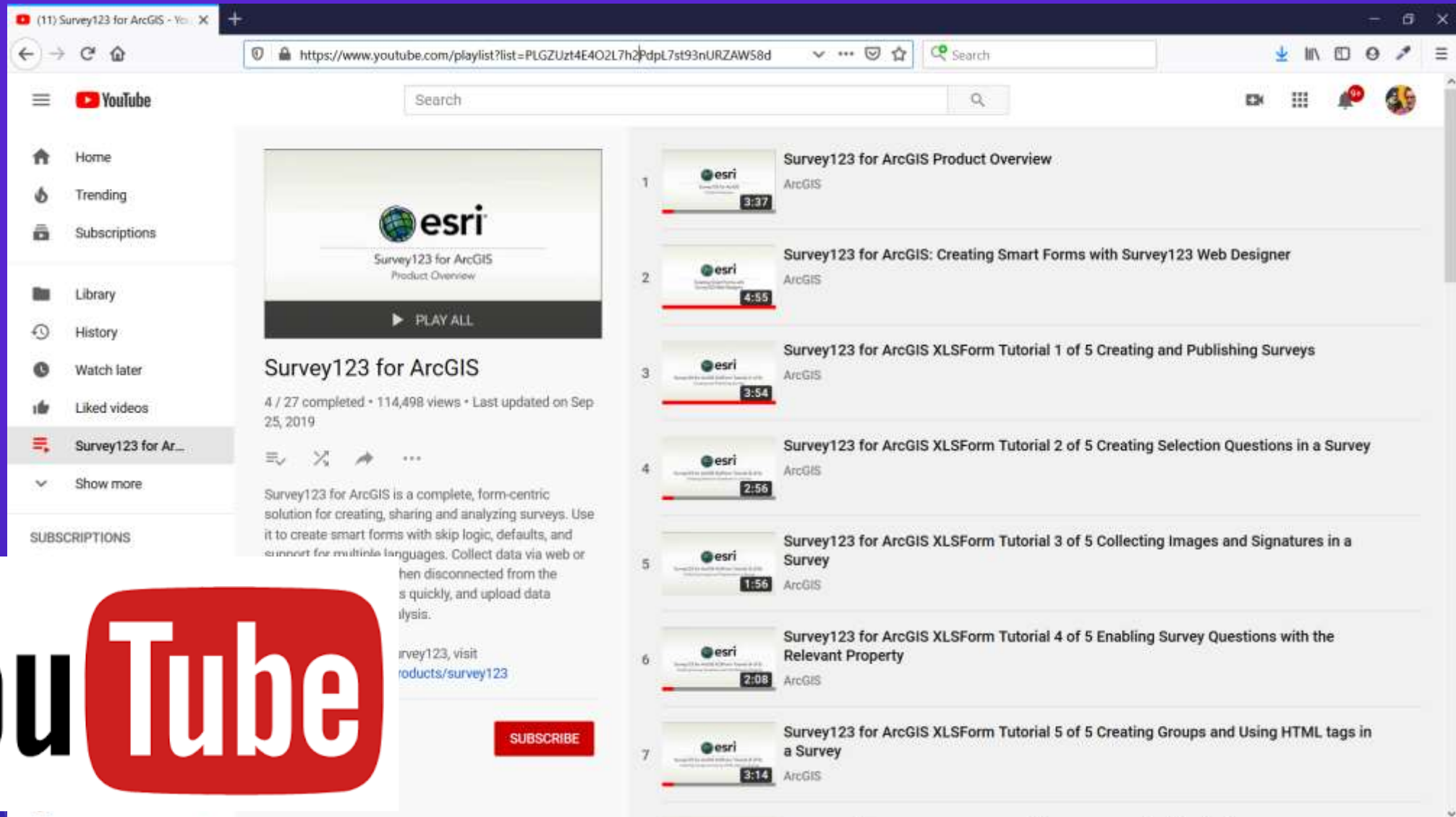


Cadasta Foundation



Philippines Census

Resources: [Survey123 YouTube playlist](https://www.youtube.com/playlist?list=PLGZUzt4E4O2L7h2PdpL7st93nURZAW58d) includes over 20 video-tutorials



The screenshot shows a YouTube browser window displaying a playlist titled "Survey123 for ArcGIS". The browser's address bar shows the URL: <https://www.youtube.com/playlist?list=PLGZUzt4E4O2L7h2PdpL7st93nURZAW58d>. The YouTube interface includes a search bar, navigation icons, and a sidebar with options like Home, Trending, Subscriptions, Library, History, Watch later, Liked videos, and the current playlist. The main content area features a video player with the Esri logo and the text "Survey123 for ArcGIS Product Overview" and "PLAY ALL". Below the player, the playlist title "Survey123 for ArcGIS" is displayed, along with the progress "4 / 27 completed", "114,498 views", and "Last updated on Sep 25, 2019". A description follows: "Survey123 for ArcGIS is a complete, form-centric solution for creating, sharing and analyzing surveys. Use it to create smart forms with skip logic, defaults, and support for multiple languages. Collect data via web or when disconnected from the internet quickly, and upload data for analysis." A link to "Survey123, visit products/survey123" and a red "SUBSCRIBE" button are also visible. On the right, a list of seven video thumbnails is shown, each with a duration:

- 1. Survey123 for ArcGIS Product Overview (3:37)
- 2. Survey123 for ArcGIS: Creating Smart Forms with Survey123 Web Designer (4:55)
- 3. Survey123 for ArcGIS XLSForm Tutorial 1 of 5 Creating and Publishing Surveys (3:54)
- 4. Survey123 for ArcGIS XLSForm Tutorial 2 of 5 Creating Selection Questions in a Survey (2:56)
- 5. Survey123 for ArcGIS XLSForm Tutorial 3 of 5 Collecting Images and Signatures in a Survey (1:56)
- 6. Survey123 for ArcGIS XLSForm Tutorial 4 of 5 Enabling Survey Questions with the Relevant Property (2:08)
- 7. Survey123 for ArcGIS XLSForm Tutorial 5 of 5 Creating Groups and Using HTML tags in a Survey (3:14)





Survey123 Connect

A few new enhancements in no particular order

- Grid Layouts, pages and groups
- Pictorial lists
- Polygons and Lines
- Photo Watermarks
- Range Questions
- Choice Grids

No SIM 11:26 am 81%

Vehicle Inspection

Tester's Licence Number EX: 8168

Certificate of Roadworthiness

Road Safety (Vehicles) Regulations 2017

▼ A - Vehicle Description

Registration Number (if applicable) 4AQJ688	Year * 2016	Make * Subaru
Model * Forester	Colour * White	Type * Wagon
VIN / Chassis Number * 17 character alpha-numeric identifier W12GTRS4509BVC118	Engine Number * Eg TB42 094476 GS21 854770	

Declaration

I the undersigned certify that I have caused the vehicle referred to in the Certificate to be examined and tested in accordance with the written directions given by the Roads Corporation and having regard to that examination and test do further certify that the vehicle complies with regulatory requirements including written directions given as to its construction and equipment, and that the vehicle is in a safe condition to be used on a highway. I so certify in the knowledge that this Certificate is current and can be used for a transaction for a period of 30 days from the date of its issue.

Signature of Licensed Tester OR Signature of Person authorised to give a certificate on behalf of Licensed Tester *

Address at which Test Conducted
37 E Willow St, Long Beach CA

Telephone
562-437-6186

Name
Alan Ho

Date
Wednesday, 1...

▼ B - Test Report (Purchaser's Copy)

Registration Number / VIN 4AQJ688	Tester's Licence Number EX 8168
--------------------------------------	------------------------------------

Examined and Tested for (name of person presenting vehicle)

Name Luke Serong	Address 210 Coronado Ave, Long Beach CA	Contact Phone No. (760) 756-0239
---------------------	--	-------------------------------------



Grids, Pages and Groups

- Use pages and groups to improve form navigation
- Handle hundreds of questions
- Optimize real estate in your screen

Survey123 Connect for ArcGIS

Form Preview Schema Preview Settings

OHP Criminal Interdiction 2020

Interdiction CASE

CI Case #:
CI-1575921600000-

Date *
Monday, December 9, 2019

Time *
3:19 PM Military Time
1519 Hours

OHP CR# *

Interdiction Type *

Narcotic Fraudulent Document Weapon Trafficking Wanted Person Stolen Property
 Human Trafficking Financial Crimes Other

Reason For Stop *

1 of 7

Administrator Help

Tablet Portrait Black Load time on Windows 3.5 seconds



XLSForm



Update



Files



Publish



Administrator



Help

OHP Criminal Interdiction 2020

Interdiction CASE

CI Case #:
CI-1575921600000-

Date *
Monday, December 9, 2019

Time *
3:19 PM

Military Time
1519 Hours

OHP CR# *

Interdiction Type *

Narcotic
 Fraudulent Document
 Weapon Trafficking
 Wanted Person
 Stolen Property
 Human Trafficking
 Financial Crimes
 Other

Reason For Stop *

1 of 7

Form Preview

Schema Preview

Settings



XLSForm



Update



Files



Publish



Administrator



Help

OHP Criminal Interdiction 2020

LOCATION

Location Map *

📍 34°3'N 117°12'W ± 55 m, 0 m



Address *

380 New York st

City *

Redlands

State *

CA

Zip Code *

92373

County *

USA

Full Address

255

Nearest Intersection



3 of 7





Form Preview

Schema Preview

Settings



XLSForm



Update



Files



Publish



Administrator



Help

OHP Criminal Interdiction 2020

SUBJECT

Subject List

Individual Subject Data

Subject Orientation

DRIVER

PASSENGER

WITNESS

OTHER

DL SCANNER



DL Number

DL State

DL Class

DL Issued

DL Expires

First Name *

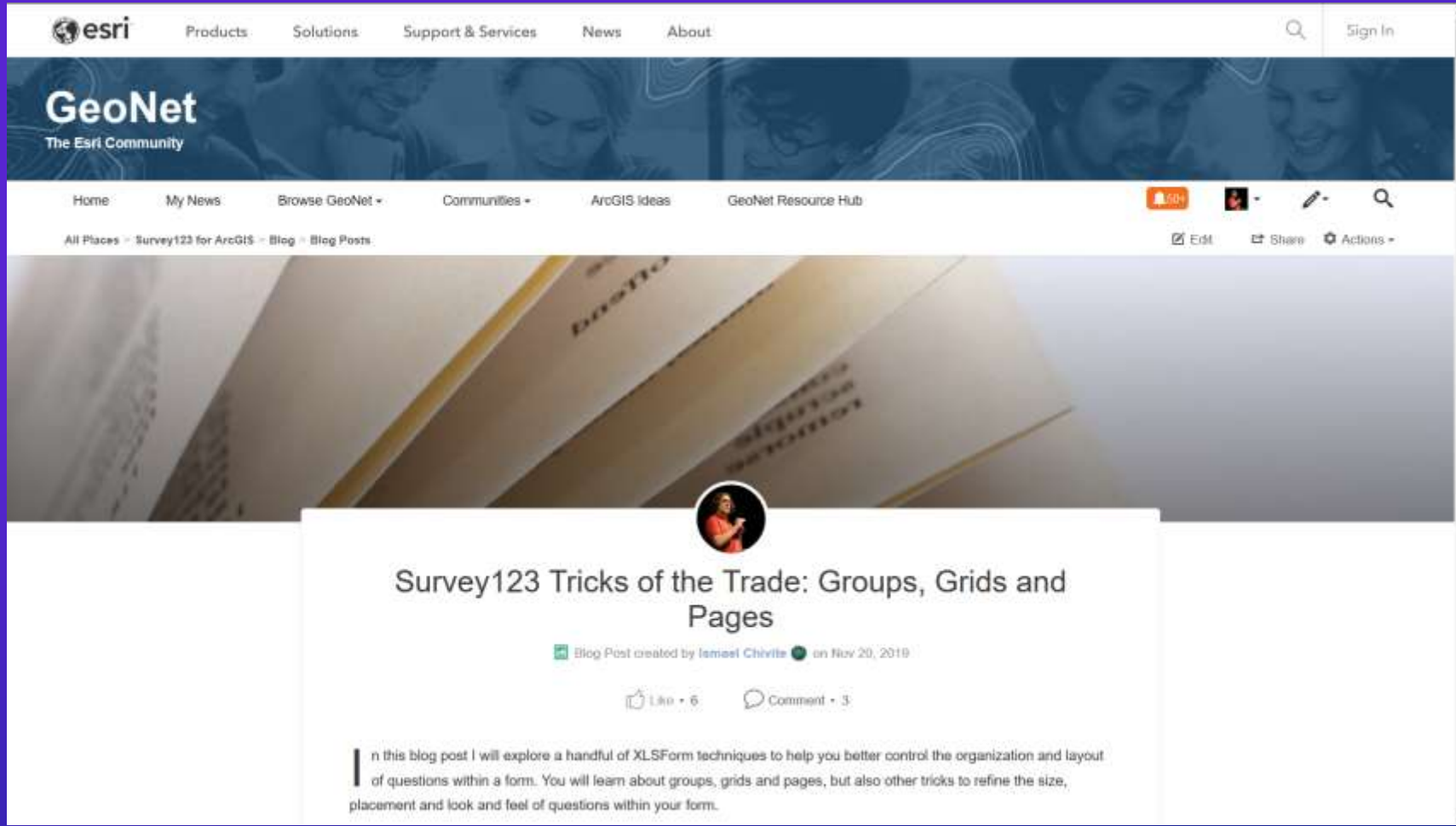
Middle Name

Last Name *

Known aliases:



Resources: Grid Layouts



The screenshot shows the Esri GeoNet website interface. At the top, there is a navigation bar with the Esri logo and links for Products, Solutions, Support & Services, News, and About. A search bar and a Sign In button are also present. Below the navigation bar is a banner for GeoNet, The Esri Community. The main content area features a breadcrumb trail: All Places > Survey123 for ArcGIS > Blog > Blog Posts. The featured blog post is titled "Survey123 Tricks of the Trade: Groups, Grids and Pages" and is authored by Isemael Chivite, dated Nov 20, 2019. The post has 6 likes and 3 comments. The beginning of the post text is visible: "In this blog post I will explore a handful of XLSForm techniques to help you better control the organization and layout of questions within a form. You will learn about groups, grids and pages, but also other tricks to refine the size, placement and look and feel of questions within your form."

<https://community.esri.com/groups/survey123/blog/2019/11/20/survey123-tricks-of-the-trade-groups-grids-and-pages>



Pictorial lists

- Selectable images in your form
- Leverages SVG files
- Supports:
 - Single selections
 - Multiple selections
- XLSForm image-map appearance

Survey123 Connect for ArcGIS

Form Preview Schema Preview Settings

Image-map appearance examples for *select* questions

Risk Matrix

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Medium	High	High	Extreme	Extreme
Likely	Medium	Medium	High	Extreme	Extreme
Possible	Medium	Medium	High	High	Extreme
Unlikely	Low	Medium	Medium	High	High
Rare	Low	Low	Medium	High	High

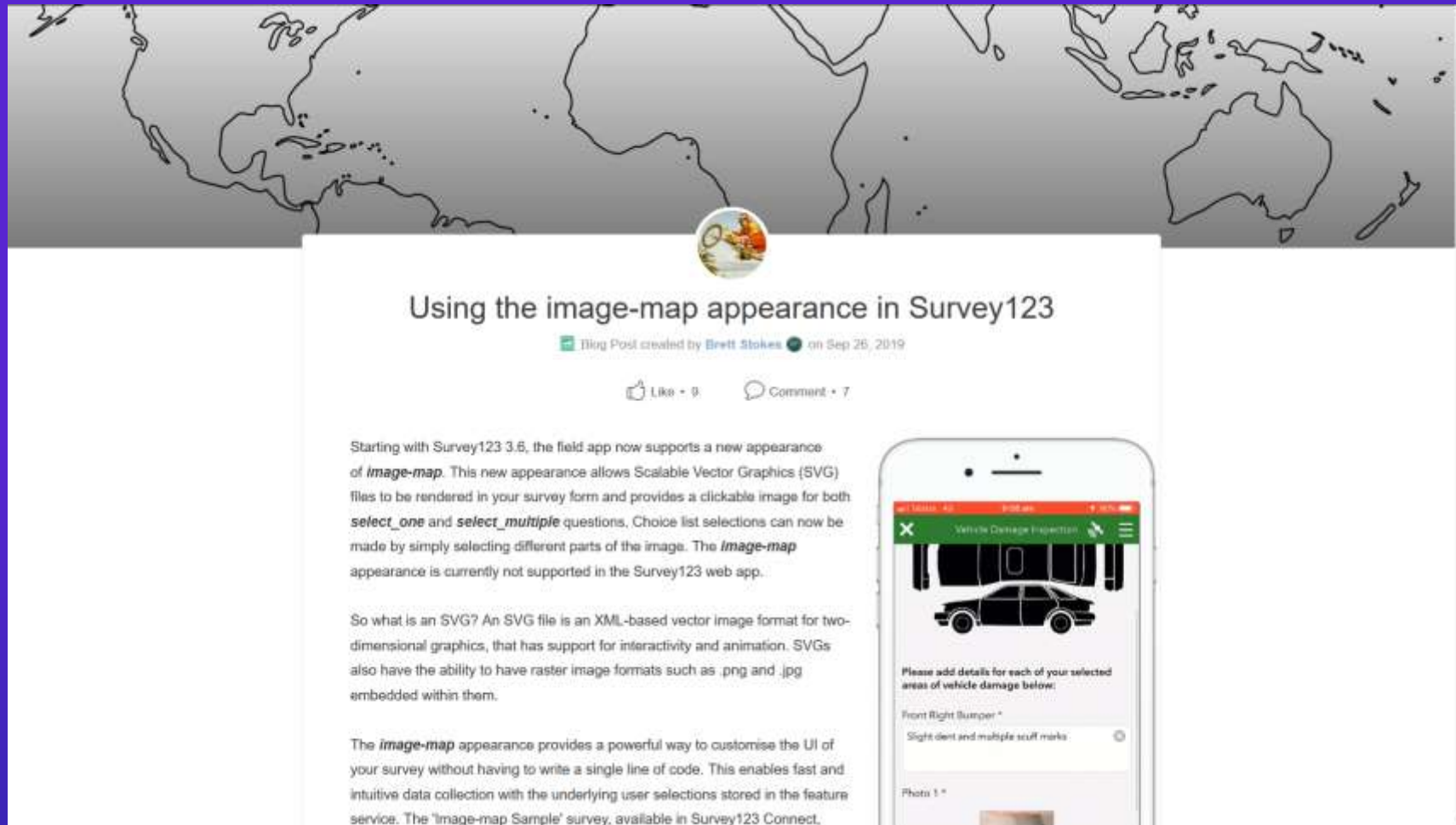
Selected:

1 of 7

Tablet Landscape Black

Load time on Windows 0.6 seconds

Resources: Pictorial lists



<https://community.esri.com/groups/survey123/blog/2019/09/26/using-the-image-map-appearance-in-survey123>



Polygons and Lines

- Add and update polygons and lines
- Calculate lengths and areas
- Dynamically construct geometries
- XLSForm: geoshape and geotrace

Ismael Sign Out

Noxious Weed Treatment Log

Treatment Date

9/16/19

Treatment Area

WYDWARSE BLVD

Benjamin

James Davis Park

Multiple Flood Control Ditch

Loma Linda University, City of Redlands, County of Riverside, San Bernardino County, B... Powered by Esri

No geometry captured yet.

Submit

Powered by Survey123 for ArcGIS



Update existing features

Home ▾ My Map.

Details Add ▾ Edit Basemap Analysis Save ▾ Share Print ▾ Directions Measure Bookmarks

SE Sherman St
SE Caruthers St
SE Division St
SE Ivon St

SE Hickory St
SE Tamarack Ave
SE Laid Ave
SE 17th Ave
SE 18th Ave
SE 19th Ave
SE 20th Ave
SE 21st Ave
SE 22nd Ave

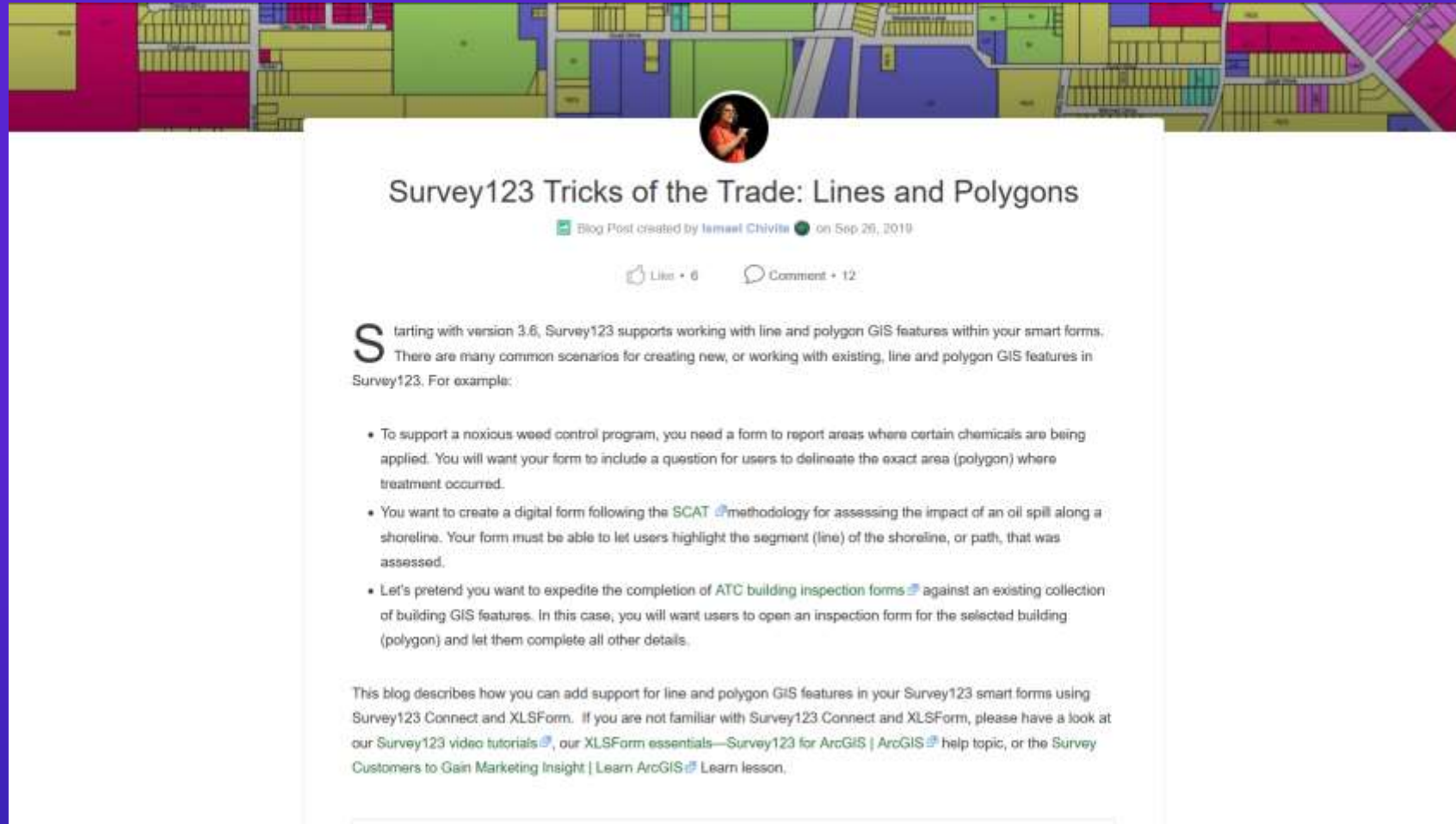
Load existing buildings into the Inbox

Building Rapid Safety Assessment

By Ismael
Created: 17/09/2019
Last modified: 17/09/2019

- Collect >
- Inbox >
- Sent >

Resources: Lines and Polygons



Survey123 Tricks of the Trade: Lines and Polygons

Blog Post created by [Jemal Chivite](#) on Sep 26, 2019

Like • 6 Comment • 12

Starting with version 3.6, Survey123 supports working with line and polygon GIS features within your smart forms. There are many common scenarios for creating new, or working with existing, line and polygon GIS features in Survey123. For example:

- To support a noxious weed control program, you need a form to report areas where certain chemicals are being applied. You will want your form to include a question for users to delineate the exact area (polygon) where treatment occurred.
- You want to create a digital form following the SCAT methodology for assessing the impact of an oil spill along a shoreline. Your form must be able to let users highlight the segment (line) of the shoreline, or path, that was assessed.
- Let's pretend you want to expedite the completion of ATC building inspection forms against an existing collection of building GIS features. In this case, you will want users to open an inspection form for the selected building (polygon) and let them complete all other details.

This blog describes how you can add support for line and polygon GIS features in your Survey123 smart forms using Survey123 Connect and XLSForm. If you are not familiar with Survey123 Connect and XLSForm, please have a look at our Survey123 video tutorials, our XLSForm essentials—Survey123 for ArcGIS | ArcGIS help topic, or the Survey Customers to Gain Marketing Insight | Learn ArcGIS Learn lesson.

<https://community.esri.com/groups/survey123/blog/2019/09/26/survey123-tricks-of-the-trade-lines-and-polygons>

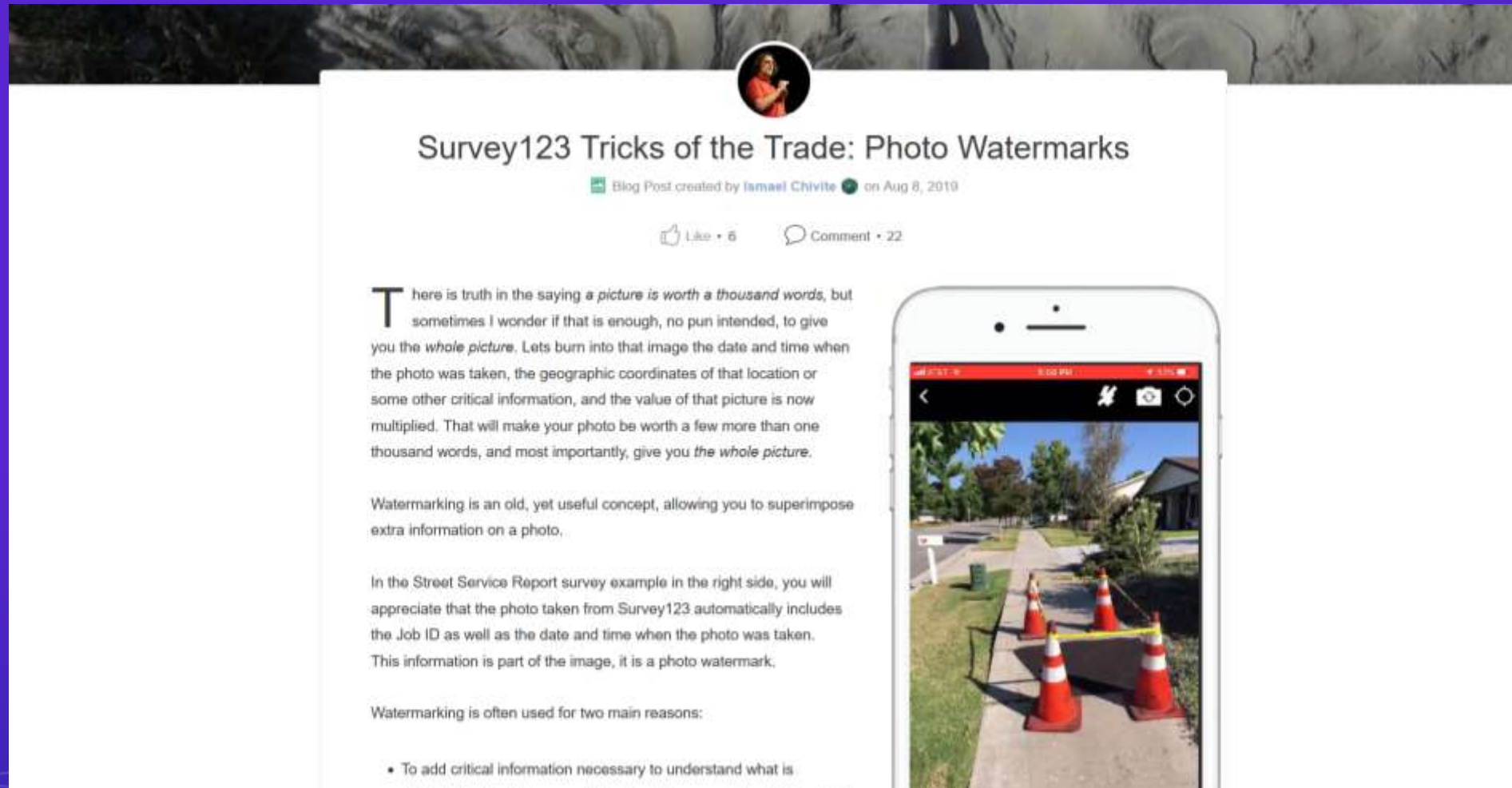


Photo Watermarks

- Watermark photos on the fly
- Date, Location, Comments...
- Configurable:
 - Position
 - Color
 - Size



Resources: Photo Watermarks



The image shows a screenshot of a blog post on a white background. At the top center is a circular profile picture of a woman with dark hair wearing an orange shirt. Below it is the title "Survey123 Tricks of the Trade: Photo Watermarks" in a bold, black font. Under the title, it says "Blog Post created by Ismael Chivite on Aug 8, 2019". There are two icons below: a thumbs-up icon with "Like • 6" and a speech bubble icon with "Comment • 22". The main text starts with a large "T" and discusses the value of photos with embedded metadata. To the right of the text is a smartphone displaying a photo of a residential street with orange traffic cones and yellow caution tape. The phone's interface shows a back arrow, a share icon, a camera icon, and a location pin icon. The status bar at the top of the phone shows "POST", "8:00 PM", and "100%".

There is truth in the saying *a picture is worth a thousand words*, but sometimes I wonder if that is enough, no pun intended, to give you the *whole picture*. Lets burn into that image the date and time when the photo was taken, the geographic coordinates of that location or some other critical information, and the value of that picture is now multiplied. That will make your photo be worth a few more than one thousand words, and most importantly, give you *the whole picture*.

Watermarking is an old, yet useful concept, allowing you to superimpose extra information on a photo.

In the Street Service Report survey example in the right side, you will appreciate that the photo taken from Survey123 automatically includes the Job ID as well as the date and time when the photo was taken. This information is part of the image, it is a photo watermark.

Watermarking is often used for two main reasons:

- To add critical information necessary to understand what is

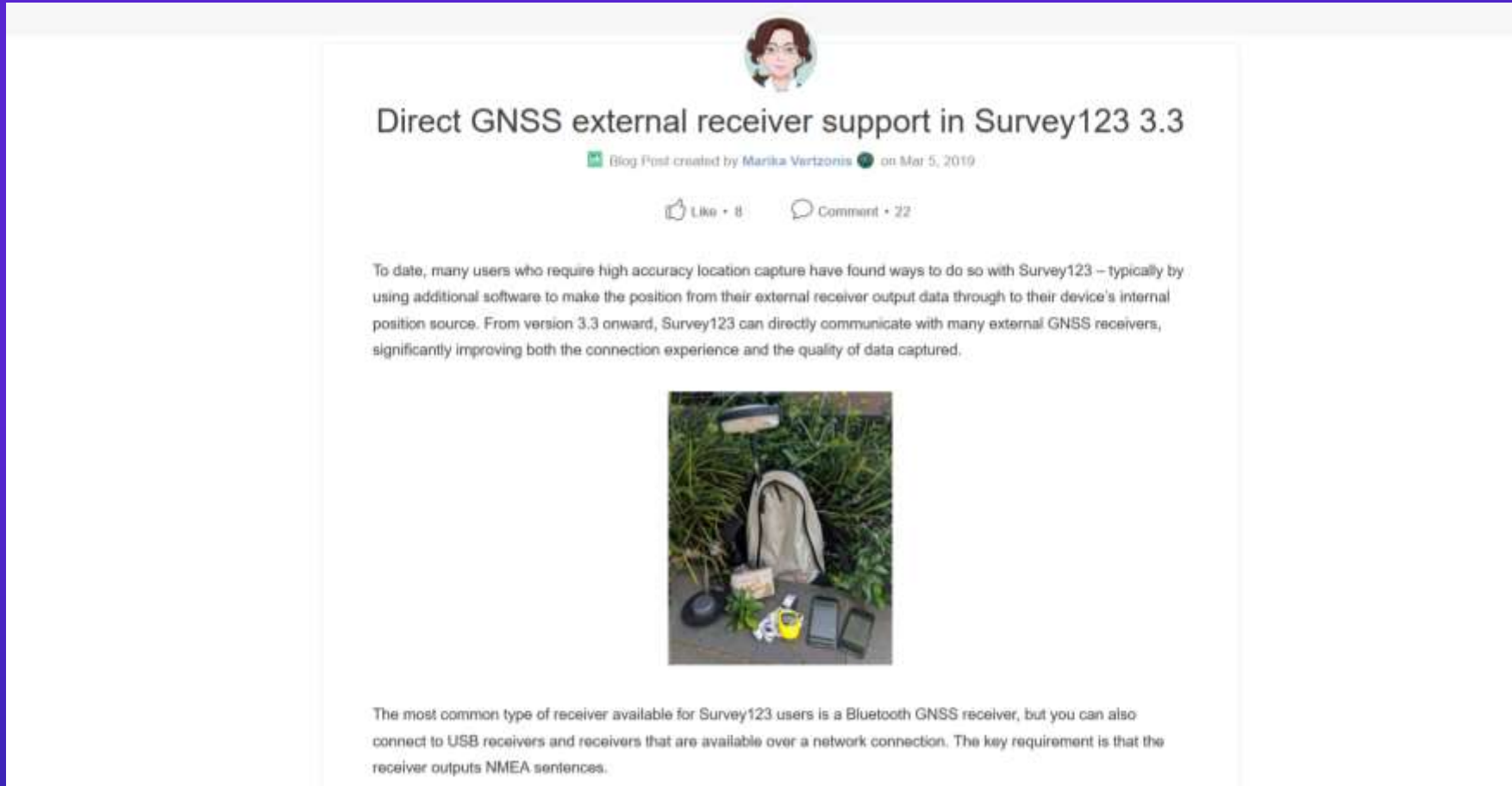
<https://community.esri.com/groups/survey123/blog/2019/08/08/survey123-tricks-of-the-trade-photo-watermarks>



Other enhancements

- **GNSS support**
 - Bad Elf, Leica, Juniper Systems, Trimble...
- **New Range question type**
- **Numbers and Calculator appearances**
- **Custom question height**
- ...

Resources: Direct Connections to GNSS




Direct GNSS external receiver support in Survey123 3.3

Blog Post created by Marika Vertzonis on Mar 5, 2019

Like • 8 Comment • 22

To date, many users who require high accuracy location capture have found ways to do so with Survey123 – typically by using additional software to make the position from their external receiver output data through to their device's internal position source. From version 3.3 onward, Survey123 can directly communicate with many external GNSS receivers, significantly improving both the connection experience and the quality of data captured.



The most common type of receiver available for Survey123 users is a Bluetooth GNSS receiver, but you can also connect to USB receivers and receivers that are available over a network connection. The key requirement is that the receiver outputs NMEA sentences.

<https://community.esri.com/groups/survey123/blog/2019/03/05/direct-gnss-external-receiver-support-in-survey123-33>




Beyond data collection

- **Feature Reports**
- **Enterprise Integration via webhooks**
- **Developer story**

AutoSave Off Water Violation Template v2.d... T... Ismael Chivite

File Home Insert Draw Design Layout References Mailings Review View Help Design Layout Tell me

1 2 3 4 5 6 7 8



San Diego County Water Authority

Water Violation Report

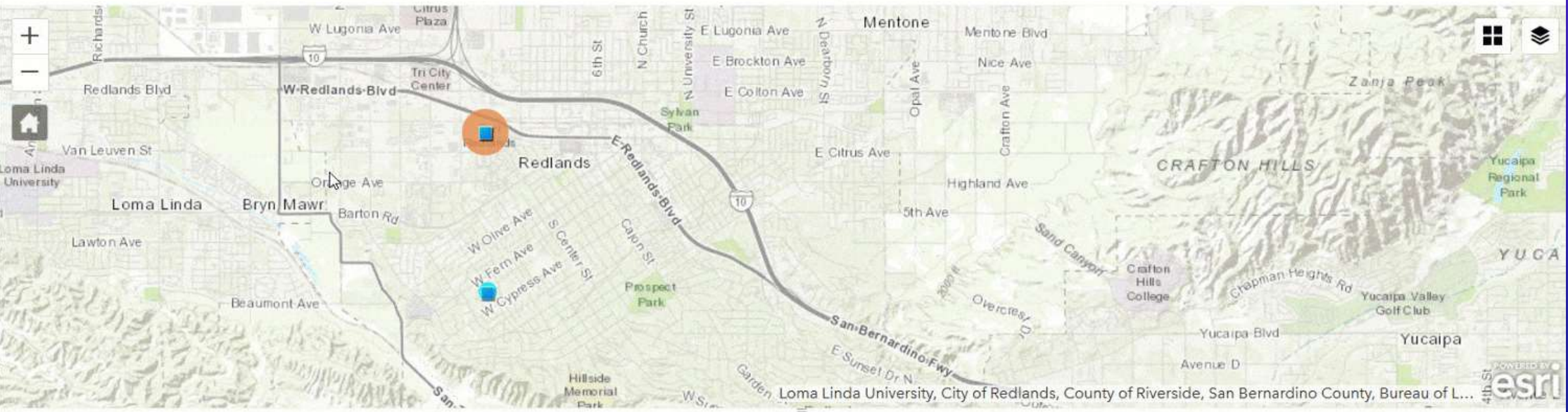
Submitted by: <u>`\${Creator} on \${CreationDate format:"MM/DD/YYYY h:mm A"}`</u>	Offender present: <u>`\${offender_present}`</u>
Date & Time of violation: <u>`\${date_and_time_of_violation format:"MM/DD/YYYY h:mm A"}`</u>	
Location <u>`\${gps_location size: 340:300}`</u>	<u>`\${gps_location mapSettings:"":7000 size:340:300}`</u>
Violations: <u>`\${type_of_violation}`</u> Comments: <u>`\${comments}`</u> Offender name: <u>`\${name}`</u> Offender email: <u>`\${e_mail}`</u>	<u>`\${photo size:400:0}`</u>
<u>`\${signature size:200:0}`</u>	

Page 1 of 1 51 words 110%

Zika Household Survey

Overview | Design | Collaborate | Analyze | **Data** | Settings

6/25/19 - 9/18/19 | Filter | Feature Report | Export | Open in Map Viewer | Show individual response | 2/2



Household ID	Address	City	ZIP Code	County	Structure Accessible	Full name	Phone Number	Survey conducted in:
55534	Orange Blossom Trl	Redlands	92373	San Bernardino County	No	John Smith	(909) 344-5737	English
6667001	13 Friar Ln	Redlands	92373	San Bernardino County	Yes	Anna Smith	(909) 362-4197	English

1 of 2 selected



Feature Reports

- Create high quality printable documents
- Configure your own templates
 - Using Microsoft Word
- Request reports:
 - On demand
 - Programmatically
- Outputs:
 - Docx
 - PDF (coming on January 14)


OKLAHOMA HIGHWAY PATROL
Criminal Interdiction Report

CASE DETAILS



Date: Jul 19, 2019	Time: 11:39	Military Time: 1139 Hours
Criminal Interdiction Case #: CI-1563512400000-A	OHP CR#: CR-000123	Interdiction Type: Narcotic , Weapon Trafficking , Stolen Property , Financial Crimes , Fraudulent Documents , Wanted Person , Human Trafficking , Other
Reason For Stop: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec aliquam leo vulputate, auctor urna eget, condimentum augue. Ut scelerisque viverra leo sed dapibus. Maecenas sit amet egestas tellus. Nunc condimentum ut sem ut elementum. Proin lectus metus, egestas vitae libero eu, egestas vehicula sapien. Donec tempor justo in aliquet laoreet. Donec vel felis efficitur, mattis risus a, imperdiet ligula. Aliquam erat volutpat. Morbi vitae volutpat odio. In dapibus enim ante, ut vehicula ante congue ac.		

Water Violation Report

Submitted by: Internal on 07/19/2019 2:00 PM
Date & time of violation: 07/19/2019 1:38 PM
Offender present: Yes

Location: 

Violations: Assigned day violation
Comments: Irrigators on Friday. Assigned days are Tuesday, Wednesday, Saturday.
Offender name: John Smith
Offender email: jsmith@gmail.com



enas in sodales libero, ut ullamcorper sapien. Morbi
em ornare non. Vestibulum dapibus dictum mauris at
gravida. Pellentesque et metus consectetur, lacinia
tra non quis ex. Fusce
brvallis gravida ipsum

RES Safety Form/Docx - Read Only - Search
References | Mailings | Review | View | Help

CERES

Violation ID	Violation Description	Assigned Day	Offender Name	Offender Email
07/19/2019 1:38 PM	Assigned day violation	Friday	John Smith	jsmith@gmail.com

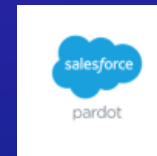
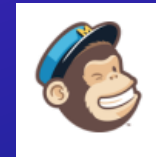
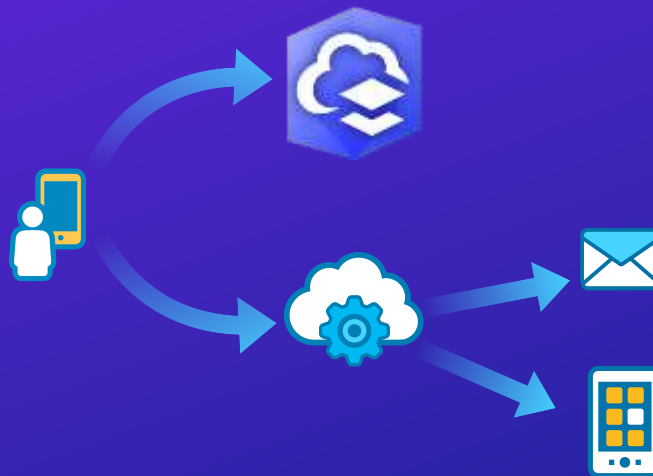


Workflow automation with webhooks

- **Integrate with hundreds of apps and services**

- Office 365
- Payment services
- Databases
- Social media
- Google Cloud...

- **No code required**
- **Out of the box**
- **Instant**





Workflow automation with webhooks





Empty integration

Start by clicking here and select the first module for your scenario.



Run once



OFF



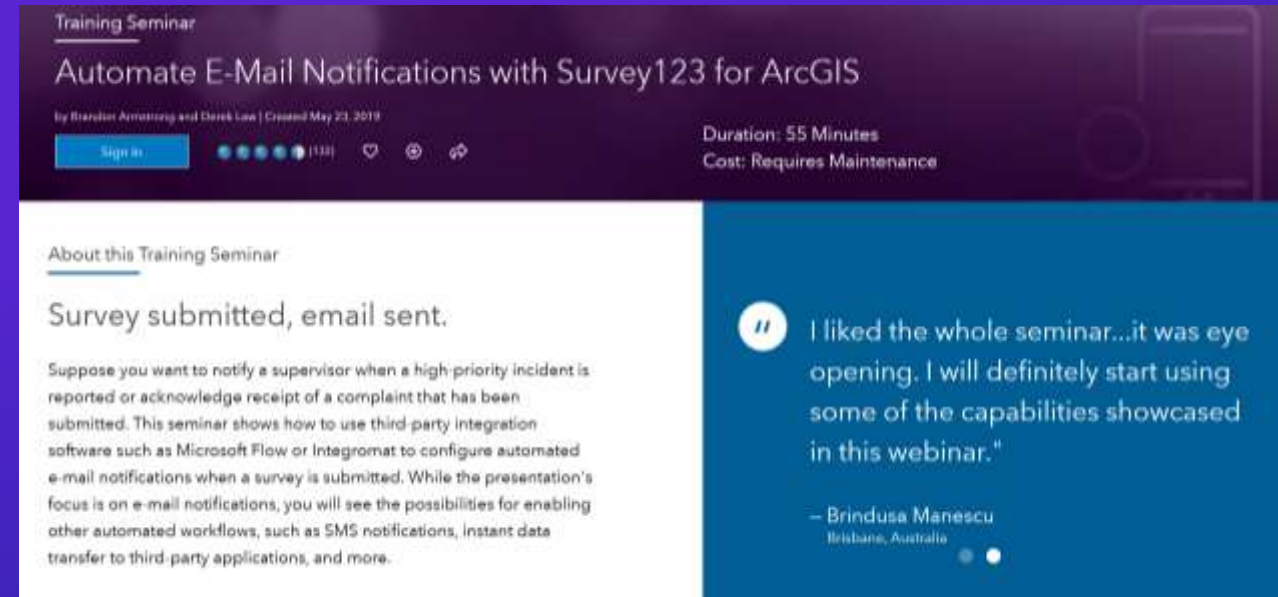
SCHEDULING

CONTROLS

TOOLS

FAVORITES

Resources: Workflow automation



The screenshot shows a training seminar page with the following details:

- Training Seminar:** Automate E-Mail Notifications with Survey123 for ArcGIS
- By:** Brandon Armstrong and Derek Lee | **Created:** May 23, 2019
- Duration:** 55 Minutes
- Cost:** Requires Maintenance
- Sign in:** Button
- Progress:** 1/12 (indicated by a dot)
- About this Training Seminar:**
 - Survey submitted, email sent.**
 - Description:** Suppose you want to notify a supervisor when a high-priority incident is reported or acknowledge receipt of a complaint that has been submitted. This seminar shows how to use third-party integration software such as Microsoft Flow or Integromat to configure automated e-mail notifications when a survey is submitted. While the presentation's focus is on e-mail notifications, you will see the possibilities for enabling other automated workflows, such as SMS notifications, instant data transfer to third-party applications, and more.
- Quote:** "I liked the whole seminar...it was eye opening. I will definitely start using some of the capabilities showcased in this webinar."
— Brindusa Manescu, Brisbane, Australia

- Automating email notifications with Survey123 (Live Training Seminar):
 - <https://www.esri.com/training/catalog/5c392a12dd8b97414e076ae8/automate-e-mail-notifications-with-survey123-for-arcgis/>
- Survey123 webhooks with Integromat intro: <https://www.youtube.com/watch?v=Uo5N7aEvNNQ>
- Creating Survey123 feature reports with Integromat: <https://www.youtube.com/watch?v=a7pABoinPIM>
- Microsoft Power Automate:
 - <https://community.esri.com/groups/survey123/blog/2018/07/19/automating-workflows-with-survey123-and-microsoft-flow>
 - <https://community.esri.com/groups/survey123/blog/2019/11/08/creating-ms-flow-webhooks-for-survey123-surveys-in-arcgis-online-part-1>



Survey123 for developers

- **Today:**

- Survey123 field app available with AppStudio for ArcGIS.
- Create your own Survey123 app and deploy.

- **Coming up:**

- **Web Form JS API:**

- A simple JavaScript API for developers to embed, style and interact with web forms within a web application

- **Custom JS functions for your smart forms:**

- Invoke your own JS functions within a form (field and web apps)
- Only available for logged-in users

- **Survey123 field app extensibility model**

- Build Survey123 add-ins
- Deploy using the ArcGIS security model

ArcGIS Survey123 2020 Roadmap

Early 2020

- PDF support in Feature Reports
- Line and Polygon support in Designer
- FedRAMP boundary compliance
- AppConfig (portalURL)
- Survey123 webform JS API
- Survey update notifications
- Survey123 VPAT

UC

- Website and REST API on-premises setup (Windows)
- Extensibility Framework (Tech Preview)
- Better webforms: Rank, random choices and grid-theme
- Publish option to update domains
- Map enhancements (VTPK, MMPK, WebMap)
- Web accessibility improvements (WCAG)

Post-UC

- Extensibility Framework
- Location-aware webforms
- Create survey from template (Designer)
- Better lists: Performance and dynamic lists
- Images in Inbox

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State & Federal

50 & 15

ArcGIS is used by all 50 States, and all 15 Federal Executive Departments

Local Governments

100%

ArcGIS is used by all of the top 100 most populated Counties in the US

Fortune 100 Companies

90%

Percentage using ArcGIS in the Fortune 100

Education

87

Number of Forbes top 100 colleges in the US using ArcGIS

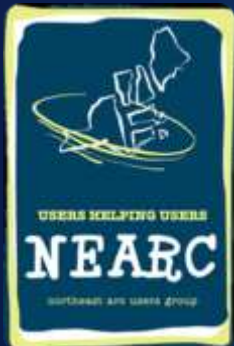
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Q & A
msscott@esri.com

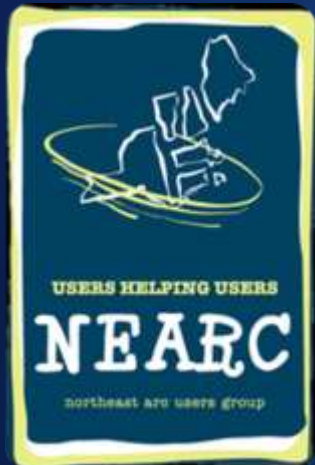
**Will collect questions
from the chat that we did
not get to.**



3:45

Wrap Up / Final Q&A From Paul Rooney

How to get the final materials





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