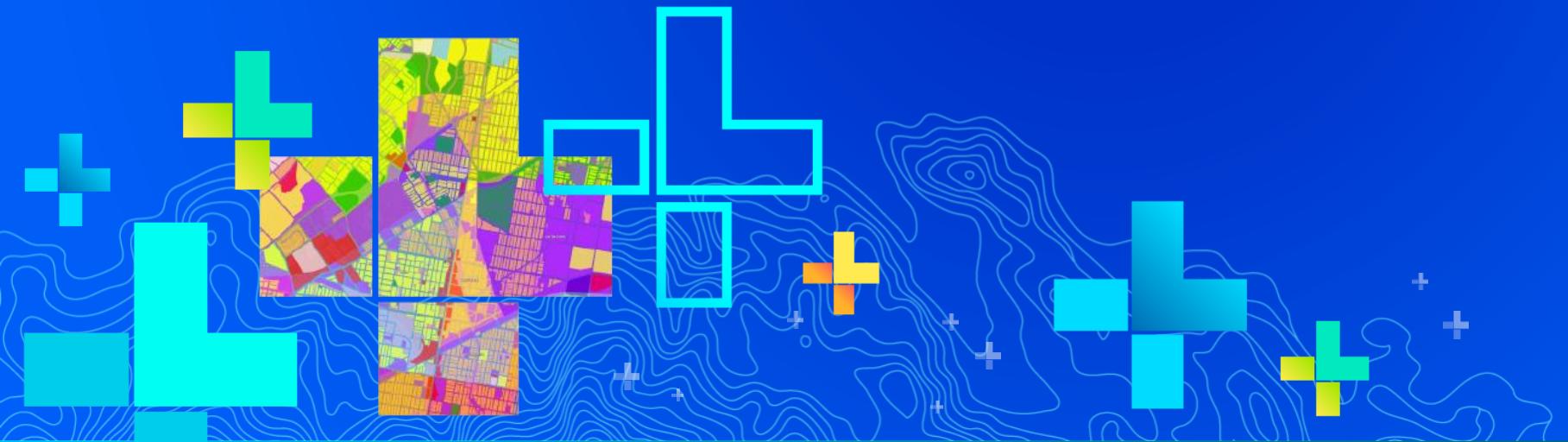


Getting the C-Suite's Attention with Strategic Workforce Planning

Charles Jones - Manager

Andrew Sharer – Training Consultant



The Road Ahead

Incremental Software Release

Continuous Online Improvements

10.5.1
ArcGIS
Pro 2.0

10.6
ArcGIS
Pro 2.2

2017

10.7.1
ArcGIS
Pro 2.4

2018

10.8
ArcGIS
Pro 2.5

2019

Scientific Modeling

Citizen Engagement

Urban Design

Solutions

Indoors

Space/time
Visualization

Machine
Learning

Big Data

Volumetric Data

Spatiotemporal Very Fast Display

Imagery

Distributed GIS

Machine
Learning

GeoAnalytics

Real-Time

Metadata
Spatial Statistics

Augmented Reality
Web Raster Ortho
Analytics Mapping **3D**

AI Massive Point Clouds
IoT Smart Mapping

3D Cities Situational Awareness
Crowdsourcing Utility Networks

... Focused on Quality, User Needs, and Innovation

Implementation Plan vs People Plan

Implementation Plan

2018
Begin Conversion from
ArcMap to ArcGIS Pro

2019 First Half
Complete conversion to
Pro – Convert field teams
to digital data collection

2019 Second Half
Create Hub and
Enterprise configuration

People Plan

2018
Prepare staff for Pro
migration

2019 First Half
Continue Pro migration
– Training for Field Data
Collection

2019 Second Half
Prepare Staff for
Enterprise and Hub

Training | Resources Available to Your Organization



- 500+ Resources
 - Live Instructor – online or onsite, public or private
 - Web Courses – self-paced, 24/7
 - Training Seminars – 45/60 min video presentations
 - Create, copy, share, and assign learning plans

Capabilities

Knowledge and Skills COTS Curriculum

Foundation
through Advanced
Product oriented
Workflow based

Custom Development

Based on
Customer Needs
Abridged
Varied Modalities

Coaching

On site
Hands On
Reinforcement
Retention

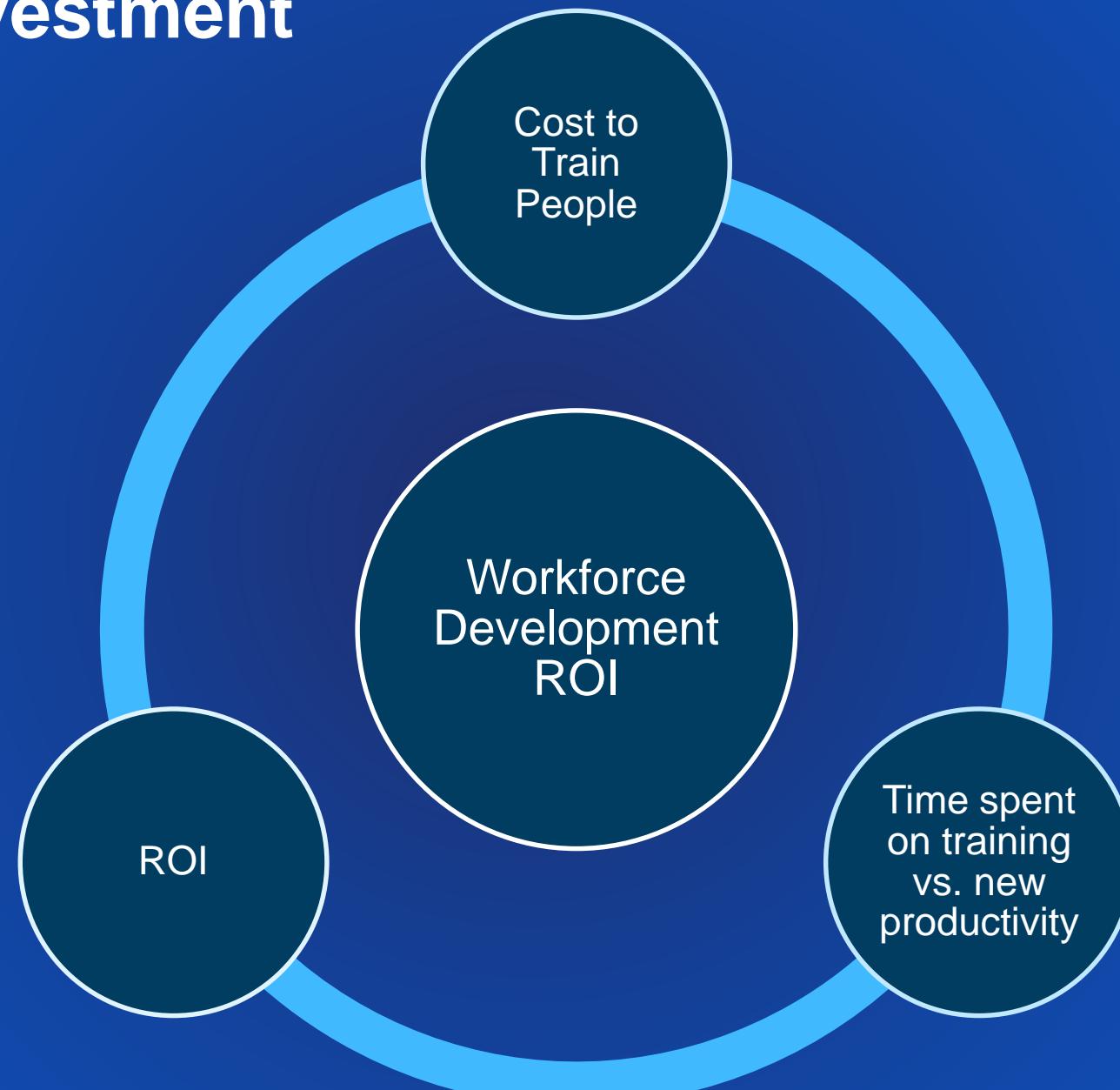
Alignment – Levels of Training Engagement



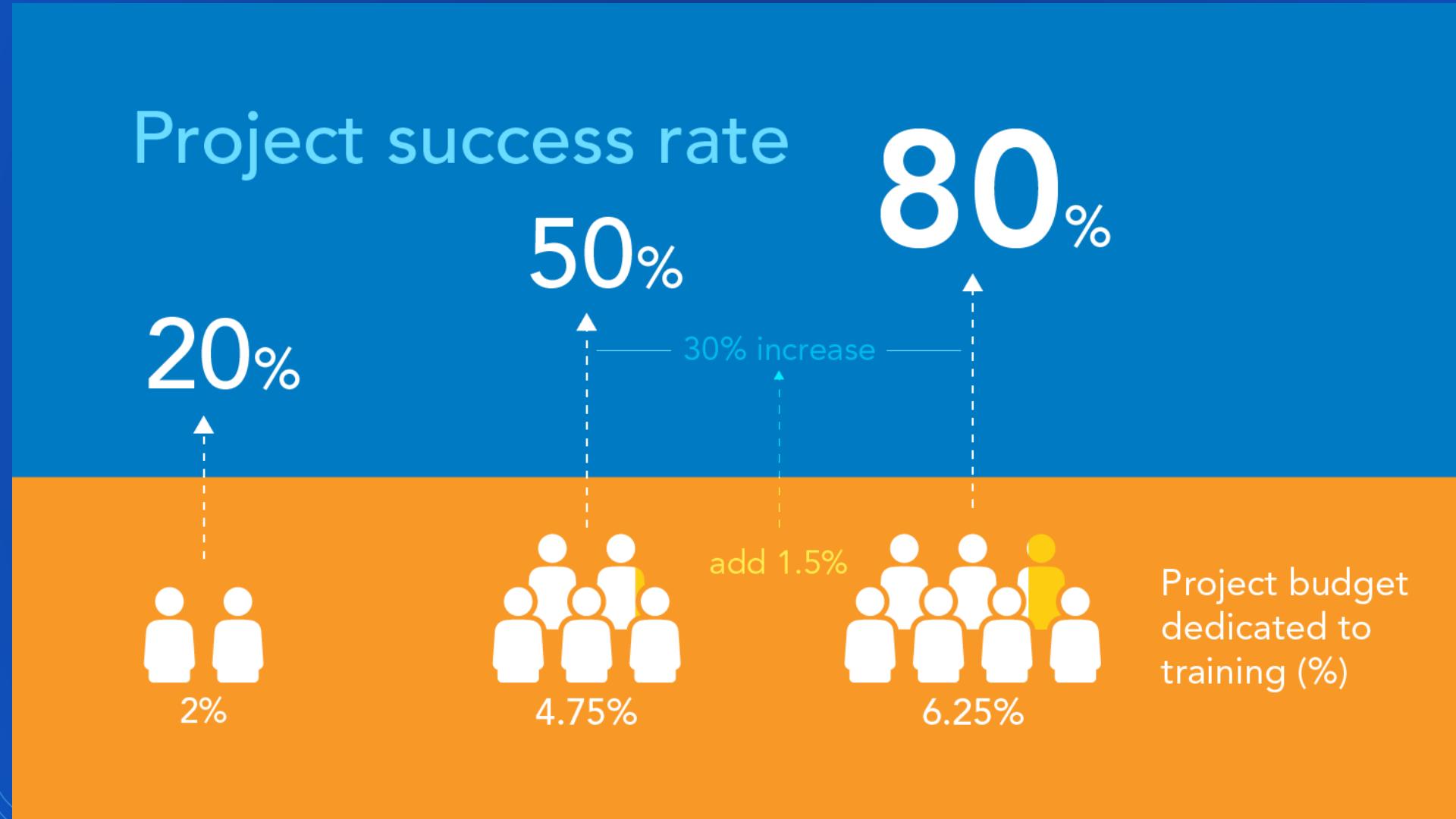
- Identify Elements
- Identify Business Challenges
- Perform People Assessments – Identify Skill Gaps
- Build Plan to Address the Challenge



Return On Investment



Training | Investment in Training and Project Success



Harford County, Maryland

- Each year has 7 month window to inspect 4232 Hydrants across 437 square miles
- 36% of hydrants do not get inspected due to slow, paper-based, workflows.
- County decided to implement Esri mobile apps and take proper training



Harford County, Maryland

Results

- **21% more efficient year over year.**
- **100% of hydrants inspected**
- **Inspections completed 6 weeks early**
- **\$35,000 in overtime alone was saved**



Alignment – Levels of Training Engagement



Individual -Training Recommendations

WEB COURSE Working with Coordinate Systems in ArcGIS	2 Hours, 45 Minutes	Requires Maintenance	(1400)
WEB COURSE Basics of Geographic Coordinate Systems	1 Hour, 15 Minutes	Requires Maintenance	(3853)
WEB COURSE Getting Started with GIS	3 Hours, 30 Minutes	Free	(19054)
WEB COURSE Getting Started with ArcGIS Pro	5 Hours, 30 Minutes	Free	(3932)

Alignment – Levels of Training Engagement



Project and Department -Training Plan

Learning Plan

New Users Learning Plan

Created by asharer@esri.com on August 6, 2018

[View Progress](#)  In Progress   1 Learner Enrolled

About this Plan

A learning plan for new users focusing on e-Learning courses and material.

10 Courses in Plan

WEB COURSE	Working with Coordinate Systems in ArcGIS	2 Hours, 45 Minutes	Requires Maintenance	 	 (1400)
WEB COURSE	Basics of Geographic Coordinate Systems	1 Hour, 15 Minutes	Requires Maintenance	 	 (3853)
WEB COURSE	Getting Started with GIS	3 Hours, 30 Minutes	Free	 	 (19054)
WEB COURSE	Getting Started with ArcGIS Pro	5 Hours, 30 Minutes	Free	 	 (3932)

Alignment – Levels of Training Engagement



Enterprise - Workforce Development Plan

ArcGIS Enterprise Trainer by Roles

Loudoun County

Prepared by:

Andrew Sharer, Esri Training Consultant
Phone: 703.506.9515 x2152
Mobile: 703.623.6176
Email: asher@esri.com

ESRI TRAINING COURSES

Esri offers a range of training options for both new and experienced users in self-paced formats. This allows you to select training solutions that fit your organization and your individual users.

Instructor-led courses are mostly 2-3 days in length, with a focus on hands-on practice with ArcGIS (local access to ArcGIS Pro). These classes may also be followed up by a day of coaching to address requirements.

Options for **self-paced e-Learning** through web courses and training documents.

Web courses include:

- Hands-on practice with ArcGIS (local access to ArcGIS Pro)
- Deminations and interactive activities
- Conceptual material
- Course exams to assess learning
- Certificate of Completion

Training seminars are pre-recorded presentations that include recorded video and accompanying materials. Seminars are offered live on a regular basis. You can [register for a reminder](#) to receive email notification on upcoming events.

Massive Open Online Courses (MOOCs) are free online courses that are effective, and fun way to keep up with the fast-paced development of GIS. These courses are open day and night and require only a couple of hours of study per week to complete.

As this is not a complete list of all learning options available, please [visit the Esri training website](#). Filtering the search results by Capabilities is a good way to find appropriate additional resources.

VIEWER

Learn GIS Concepts

The Power of Maps - If you are curious about what the acronym "GIS" stands for and what a GIS is, this website provides the answers. You will be introduced to the basic components of a GIS and fundamental concepts.

USER

Learn GIS Concepts in ArcGIS Online

Introduction to GIS Using ArcGIS, **Instructor-led, 2 days**
Learn fundamental concepts that underlie GIS technology and geographic data. In this course, you will gain experience working with GIS maps to visualize and explore real-world features; analyze data to answer questions; and create new information; and share maps, data, and other resources so they can be easily accessed throughout your organization. This course is taught using ArcGIS Online.

This course is designed for: New Users

Learn how to:

- Identify appropriate data to support a mapping project.
- Create a map, add data to it, and symbolize map features to support the map's purpose.
- Share data, maps, and other content to an organizational portal.
- Perform spatial analysis to obtain information about map features within an area of interest.

ArcGIS Pro: Essential Workflows, **Instructor-led, 3 days**

In this course, you will explore ArcGIS Pro capabilities as you become comfortable working with this new desktop application. The course emphasizes common GIS workflows and best practices to map, manage, analyze, and share GIS data and resources. You will acquire the essential skills you need to be productive with ArcGIS Pro.

This course is designed for: Individuals with introductory-level knowledge of GIS concepts and limited ArcGIS experience

Learn how to:

- Combine data from different sources to create accurate, informative maps.
- Organize, create, and edit geographic data to keep it accurate and up to date.
- Symbolize map features to support 2D and 3D visualization.
- Design an attractive page layout for maps that will be printed.
- Analyze GIS data to solve spatial problems and create new information.
- Share maps, analysis results, and geoprocessing models so they are easily accessible to colleagues, decision makers, or the public.

imagine
If...

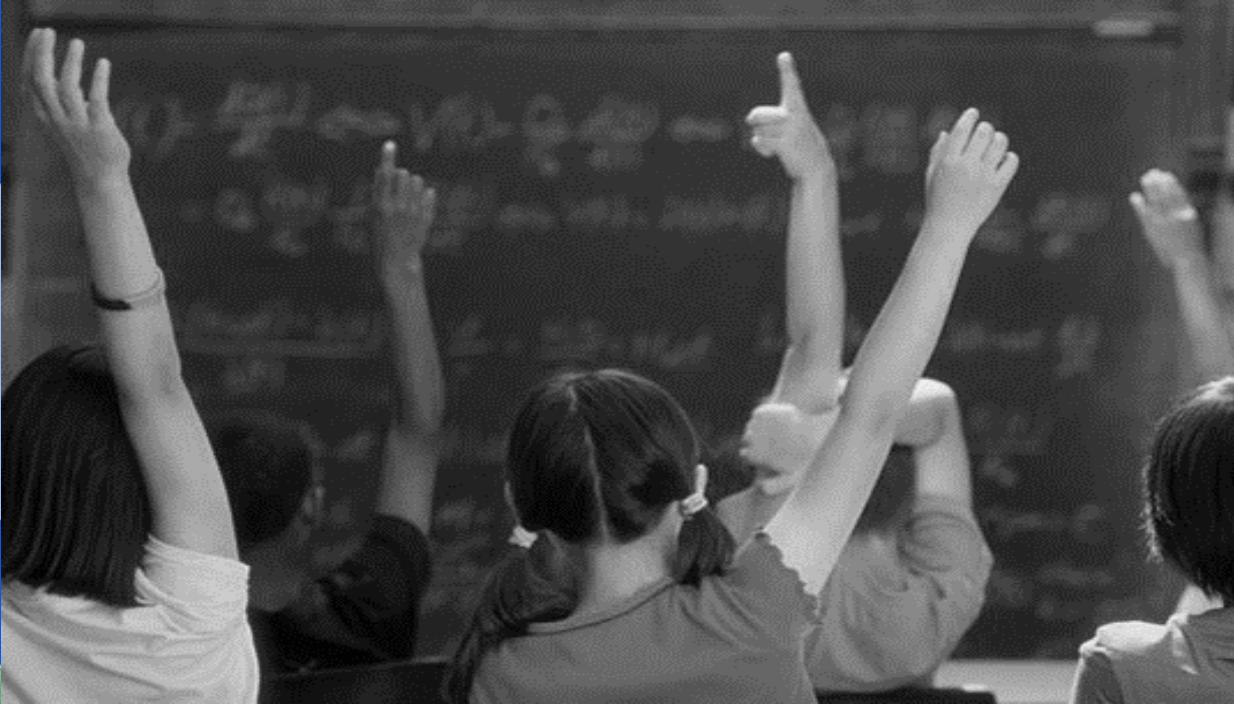


Our Mission



To help our
customers
make the
world a better
place.





Questions?

UC Resources

Introduction to Geospatial Strategy Technical Workshop

- Wednesday, July 10: 10a-11a, SDCC – Room 31 A

Get the C-Suite's Attention with Strategic Workforce Planning

- Wednesday, July 10: 8:30a-9:30a, SDCC – Room 31 A

Workforce Development Planning in Three Simple Steps

- Wednesday, July 10: 2:30p-3:30pm, SDCC – Ballroom 6F

Focus on Training to Go the Distance

- Wednesday, July 10: 4p-4:20p, Spotlight Theater

Geospatial Strategy Panel

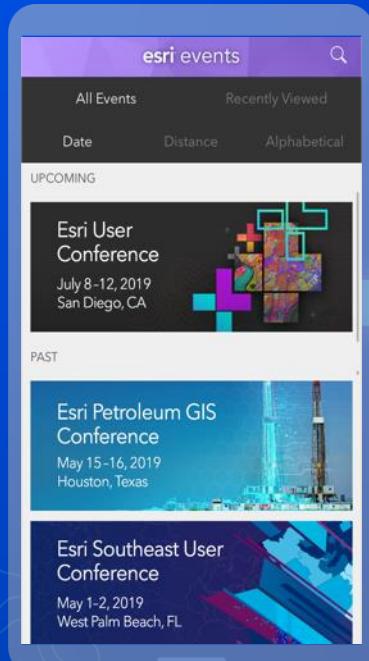
- Thursday, July 11: 1p-2p, SDCC – Room 16 B

Sign up Expo Activity: Implementing ArcGIS Appointments, Get Advice from Esri Services

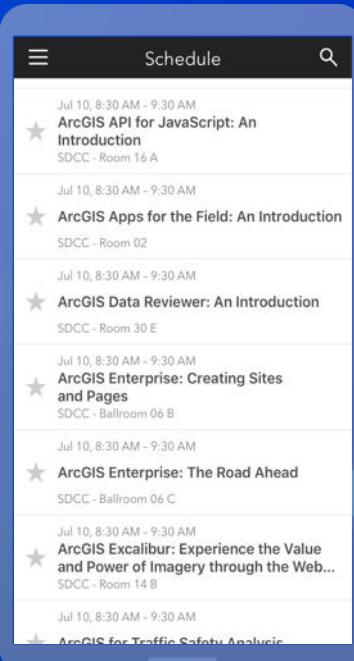
- Thursday, July 11: 9a-4p

Please Share Your Feedback in the App

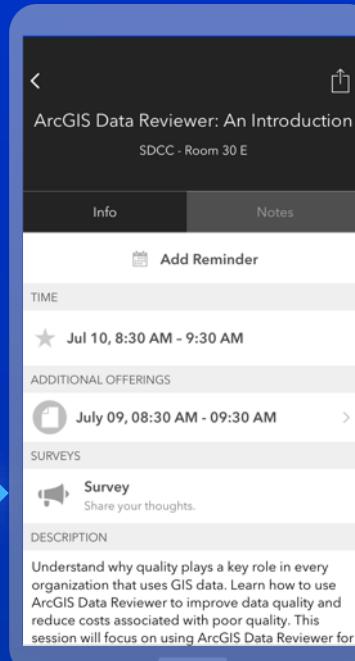
Download the Esri Events app and find your event



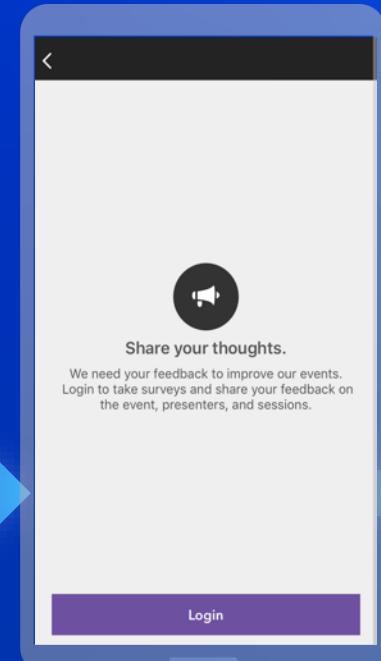
Select the session you attended



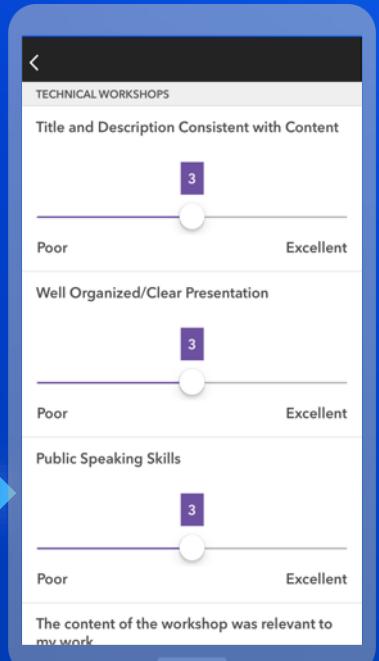
Scroll down to "Survey"



Log in to access the survey



Complete the survey and select "Submit"





esri

**THE
SCIENCE
OF
WHERE**