

# Best Practices: Authoring Maps for Field Use Morgen Zhang Rui Ge

# What am I using:

- ArcGIS Onine Organization account
- **ArcGIS Server Token Secured Feature Service**
- Hosted feature services
- ArcGIS.com web maps
- ArcGIS.com groups
- Collector for ArcGIS

	Feature Class Properties							
General	Editor Tra	Editor Tracking		Coordinate System	Domain, Resolut			
Fields	Indexes	Indexes Subty		Feature Extent	Relationships			
	Data Type							
NAME	NAME							
ADDR	ADDRESS							
DATE	DATEOCCUR							
PROP	Text							
CITAT	Text							
FINE	Text							
VIOLR	VIOLREASON							
ADDC	ADDCOMMENT							
NOTIF	NOTIFIED							
Global	GlobalID							
Shape	Geometry							
OBJEC	Object ID							

#### Click any field to see its properties.

Customer Notified	
Yes	
YesNo	
50	
	Yes YesNo

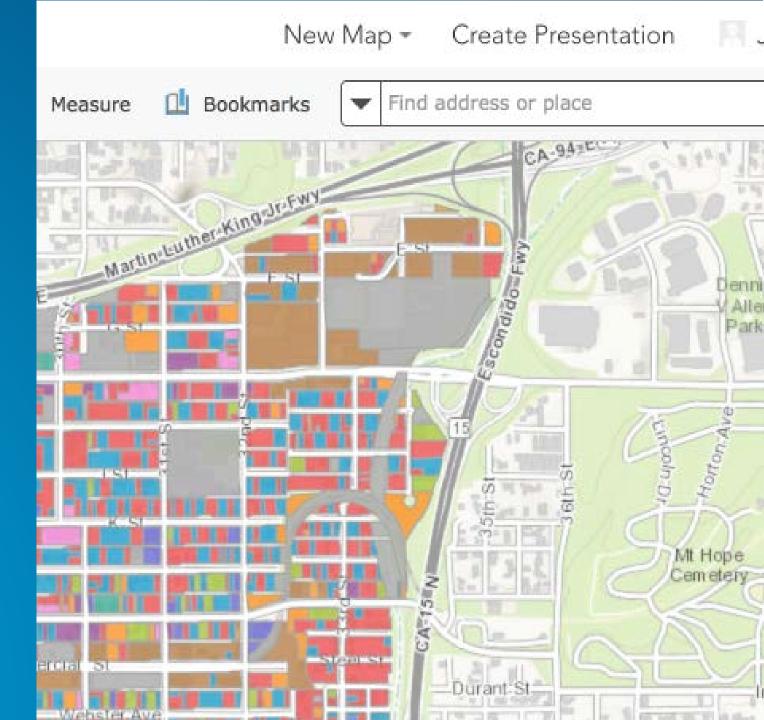
Service Editor

Connection: arcgis on arcgis-3552winsql-1650137166.us-east-1.elb.amazonaws.com (admin) Service Name: AGS\_SDWaterViolation

General	Feature Access								
Parameters	REST URL: 6.us-east-1.elb.amazonaws.com/arcgis/rest/services/AGS_SDWaterViolation/FeatureServer								
Capabilities	SOAP URL: ist-1.elb.amazonaws.com/arcgis/services/AGS_SDWaterViolation/MapServer/FeatureServer Operations allowed:								
Mapping									
Feature Access									
Pooling	Properties								
Processes									
Caching	<ul> <li>✓ Allow geometry updates</li> <li>☐ Allow update of true curves</li> </ul>								
Item Description									

# Demo

San Diego Water Violation map



# What are some best practices?

- 1. Leveraging your servers security and using a proxy
- 2. Ability to use multiple data sources
- 3. Naming your basemap
- 4. Configuring your app tools and settings
- 5. Sharing your maps and services

### More best practice to share

#### Map for disconnected editing

- All feature layers are sync-enabled (ArcGIS Online hosted or on-premise Server)
- Server Tiled Map Services with export tiles enabled
- Esri default Basemap
- ArcGIS Online hosted tile layer

## More best practice to share

### Versioned data

- Viewing versioned data supported with ArcGIS 10.2.2 for Server
- Edit versioned data offline requires ArcGIS 10.3 for Server and ArcSDE 10.3

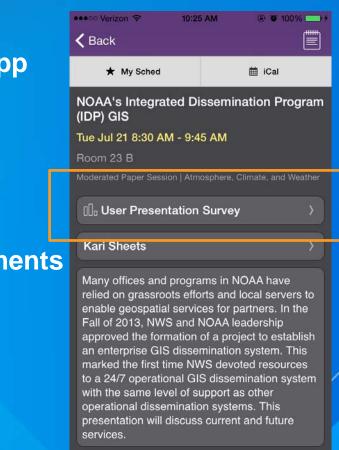
#### • Help tutorial:

http://server.arcgis.com/en/server/latest/getstarted/windows/tutorial-create-offline-mapswith-versioned-data.htm

Q Geodatabase	A	dministration (SDE@WIN-T	7188	ED						
Versions Connections Locks										
<ul> <li>□ sde.DEFAULT</li> <li>SDE.joe_Version/103_1437080645670</li> <li>SDE.joe_Version/103_1437084804400</li> <li>SDE.joe_Version/103_1437086419623</li> <li>SDE.JointUseSurveys</li> </ul>										
Feature Se	rv	ice Advanced Options		x						
		Manage	►	Reg	jister with Geodatabase					
Editor Info		Export		An	alyze					
Add realm to user name (		Load	•	Ad	d Global IDs					
	10	Review/Rematch Addresses		Priv	vileges					
	)	Item Description		Loc	:ks					
Sync	ř	Properties		Reg	gister As Versioned					
Create a version for each	-			Uni	register As Versioned					
Downloaded Map				Ena	ble Archiving					
OUser				Dis	able Archiving					
Web Content										
		OK Ca	ncel							

# Thank you...

- Please fill out the session survey in your mobile app
- Select in the Mobile App
  - Use the Search Feature to quickly find this title <u>Best</u> <u>Practices: Authoring Maps for Field Use</u>
- Click "Demo Theater Survey"
- Answer a few short questions and enter any comments





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