



**Esri International User Conference | San Diego, CA**  
**Technical Workshops | July 12, 2011**

# **ArcGIS for Windows Phone**

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# Agenda

- Introduction
- Using the app
- Using your data
- Custom solutions



# The ArcGIS System



# What is mobile GIS?

*Extends the reach of ArcGIS from the office to the field*

- With a mobile GIS solution you can
  - Carry your maps to the field
  - Collect and Update Geographic Information
  - Track and Geo-collaborate



# Lightweight Applications and Runtime SDKs

Configurable COTS applications and Native ArcGIS Runtime SDKs

iOS	Android	Windows Phone	Windows Mobile	Windows	Linux
<b>Applications</b> <ul style="list-style-type: none"><li>• ArcGIS</li></ul>	<b>Applications</b> <ul style="list-style-type: none"><li>• ArcGIS</li></ul>	<b>Applications</b> <ul style="list-style-type: none"><li>• ArcGIS</li></ul>	<b>Applications</b> <ul style="list-style-type: none"><li>• ArcGIS</li></ul>	<b>Applications</b> <ul style="list-style-type: none"><li>• ArcGIS Explorer*</li></ul>	<b>Applications</b> <ul style="list-style-type: none"><li>• None</li></ul>
<b>Runtime SDK</b> <ul style="list-style-type: none"><li>• Objective C</li></ul>	<b>Runtime SDK</b> <ul style="list-style-type: none"><li>• Java</li></ul>	<b>Runtime SDK</b> <ul style="list-style-type: none"><li>• Silverlight</li></ul>	<b>Runtime SDK</b> <ul style="list-style-type: none"><li>• .NET</li></ul>	<b>Runtime SDK</b> <ul style="list-style-type: none"><li>• WPF, Java</li></ul>	<b>Runtime SDK</b> <ul style="list-style-type: none"><li>• Qt, Java</li></ul>
					



# ArcGIS on Smartphones and Slates

Windows Phone, iOS, and Android Devices

- Designed for touch-screens
- Connected workflows (Wifi, 3G)
- Assisted-GPS integration
- Replace paper surveys

Emergency Operations

Service Requests

Parcel Valuation

VGI

Campus Maps



# ArcGIS on Smartphones and Tablets

Windows Phone, iOS, and Android Devices

## ArcGIS Application

- Maps shared across devices
- Available Free in marketplaces

## SDK

- Embed ArcGIS into existing applications
- Native APIs for building focused applications
- Available Free for development



# ArcGIS for Windows Phone

## ArcGIS Application

- v1.1 in the Marketplace now
- v2.0 available soon
- Access to Webmaps on ArcGIS Online
- View, query, edit map content

## SDK

- v2.2 on the Resource Center now
- Embed mapping functionality in custom Windows Phone solutions



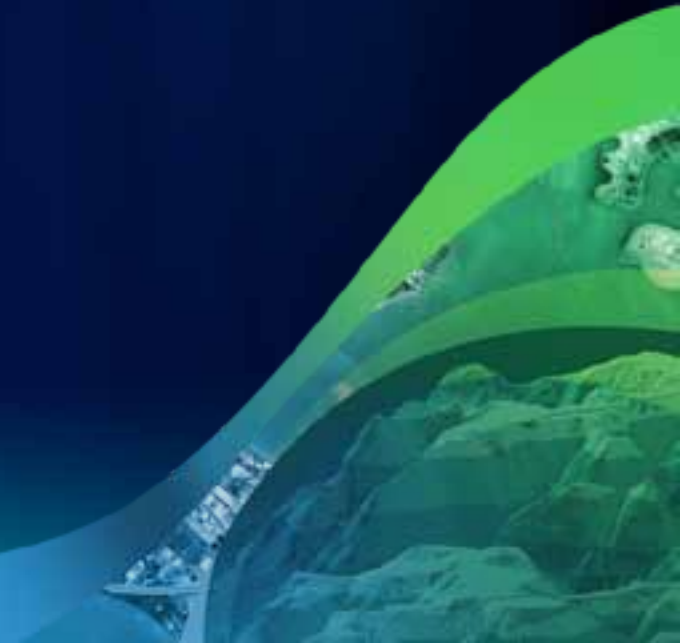




## Resource Center

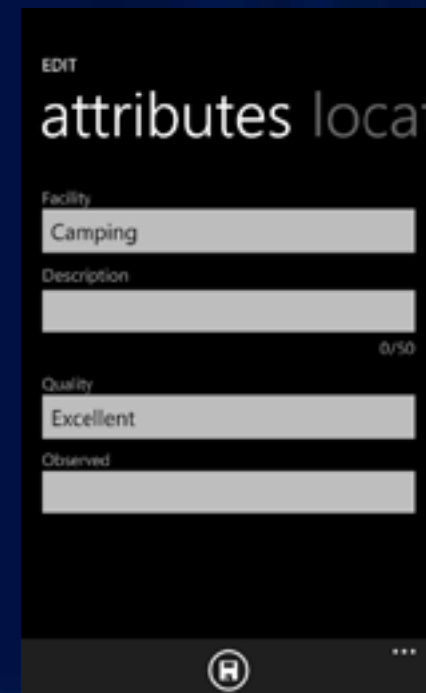
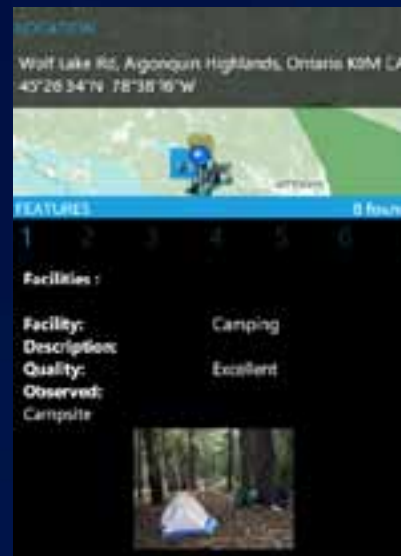
- [ArcGIS App Info](#)
- [Samples](#)
- [Concepts](#)
- [API Reference](#)
- [Code Gallery](#)
- [Showcase](#)

# Using the app



# Using the app

- Find maps
- View and query content
- Edit data

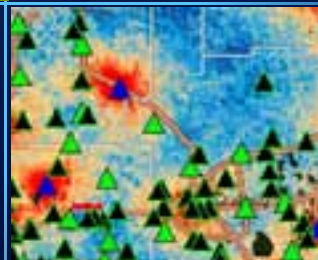
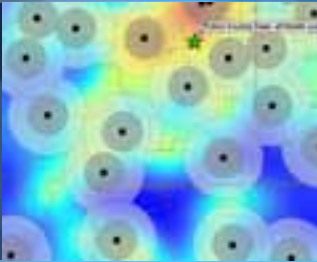


Fulton County Dept. of Health and Wellness/District 3, Unit 2, GSA

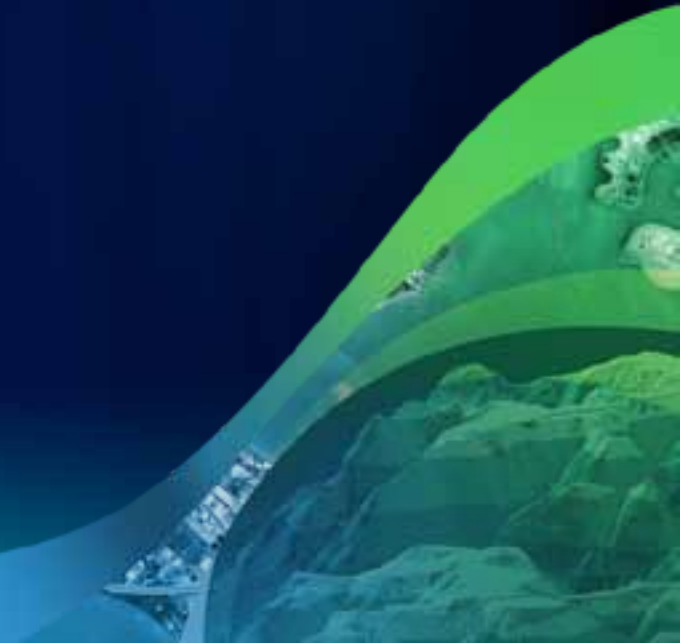
DeKalb County Board of Health

# Quick Tour

ArcGIS Application for Windows Phone



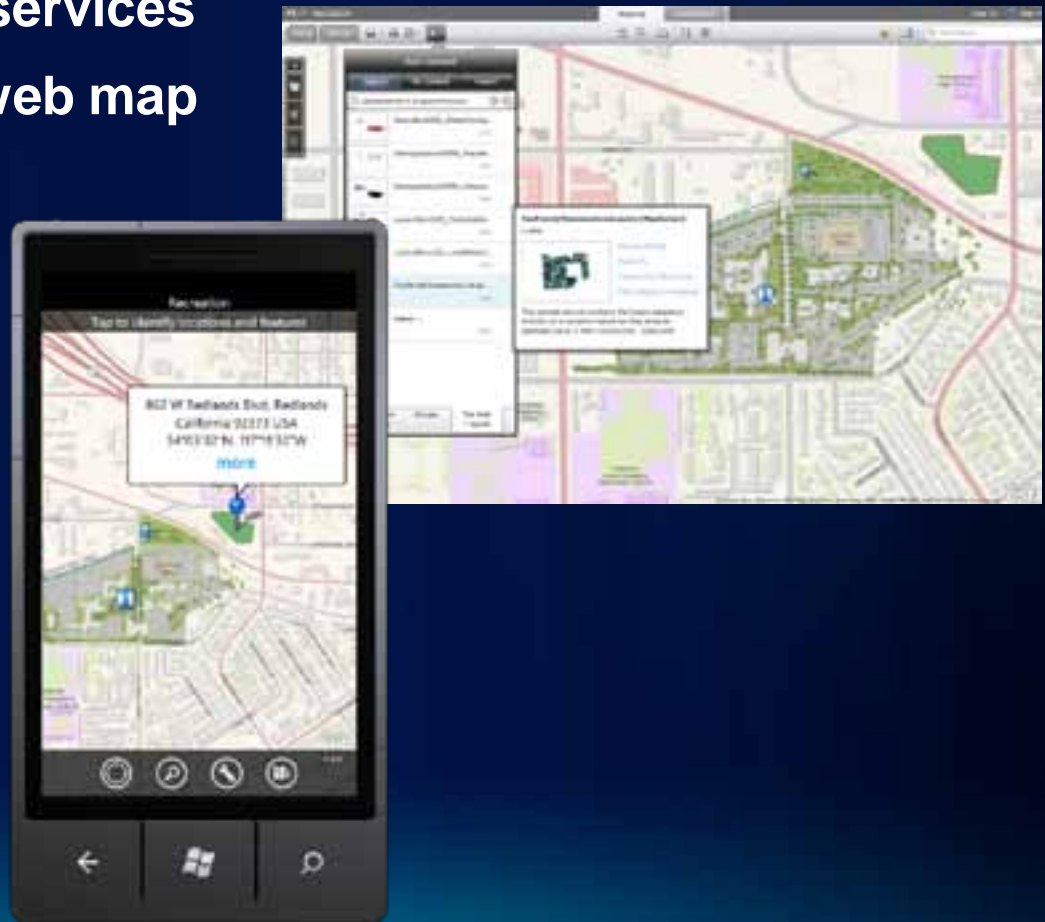
# Using your data





# Using your data in ArcGIS for Windows Phone

- Author & publish services
- Create & share a web map
- Use the map

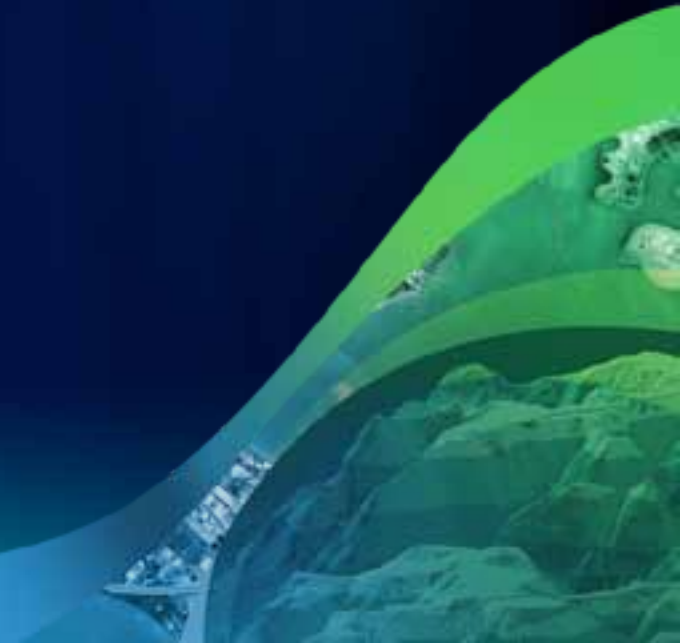




# Mapping water fountains



# Custom Solutions



# Creating custom applications

## **ArcGIS API for Windows Phone**

- Embed rich mapping functionality
  - Use ArcGIS Server/Online, Bing Maps & other data services
  - Free download
- 
- **Windows Phone – Developing Applications**  
**Wednesday 8:30am – 9:45am, Room 31B**



## 3<sup>rd</sup> Party Apps

- CitySourced
- River Watch
- SBA Sites™

# Road Ahead

- ArcGIS app 2.0 – August
- ArcGIS app 2.1 – Q4
- 3.0 API Beta 1 – August
  - ArcGIS Server 10.1 Beta 1
- 2.3 API – early Q4
- **Road Ahead – ArcGIS for Windows Phone**  
**Thursday 11:05am – 11:25am, Room 6B**



# More Windows Phone at the UC

- **Windows Phone – Developing Applications**
  - Wednesday 8:30am – 9:45am, Room 31B
- **Road Ahead – ArcGIS for Windows Phone**
  - Thursday 11:05am – 11:25am, Room 6B
- **ArcGIS API for Silverlight/WPF – An Introduction**
  - Wednesday 10:15am – 11:30am, Room 6E
  - Thursday 10:15am – 11:30am, Room 8
- **ArcGIS API for Silverlight/WPF – Advanced Topics**
  - Wednesday 1:30pm – 2:45pm, Room 8
  - Thursday 3:15pm – 4:30pm, Room 32B



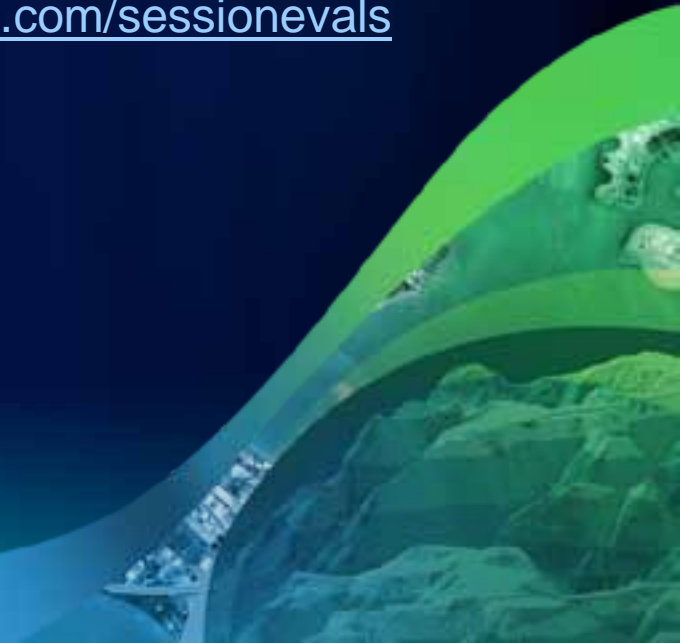
# More Windows Phone at the UC

## Mobile Demo Theaters

- **Introduction to ArcGIS for Windows Phone**
  - Wednesday 1:30pm – 2:00pm
  - Thursday 9:00am – 9:30am
- **Using ArcGIS on Windows Phone devices**
  - Wednesday 2:00pm – 2:30pm
  - Thursday 9:30am – 10:00am
- **Developing applications for the Windows Phone platform**
  - Wednesday 2:30pm – 3:00pm
  - Thursday 12:00pm – 12:30pm

**Please fill out your session surveys**

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