

Presentation Abstracts
HotApps, Bend, OR February 8, 2019

Name	Professional Title	Organization	Presentation Topic	Abstract
Nadeem A Kazmi	GIS Blogger	Everythinghasallocation	open source online GIS	Use free online web-based GIS to perform basic Desktop based GIS functions.
Peter Dalrymple	Stormwater Quality Program Coordinator	City of Salem, Public Works	Perishable Data Collection During High Water Events Using ArcGIS Online, Collector, and Survey123	The City of Salem is using ArcGIS Online, Collector, and Survey123 to collect perishable data during and after high water events. The data collected can be used to inform and calibrate hydrologic flood models and improve operational awareness for emergency management staff in real-time. Demonstration of their Perishable Data Collection App will focus on using related tables and Arcade to generate time-aware symbology in hosted feature layers, presenting related records in parent feature popups, and using webhooks to generate email notifications when new surveys are submitted in Survey123.
Eric McAvoy	GIS Programmer Analyst	Polk County	Customizing the Cloud	Initially started as a simple Survey123 project for Sidewalk inventory, the City of Monmouth has embraced the Cloud. Without ESRI desktop users or their own server, Monmouth is now able to support field data collection (Survey123), Data Q/A (Web Appbuilder), and end user viewing (ArcGIS
Eadie Kaltenbacher	Public Safety GIS Expert	Michael Baker International	Fishbones for Fun & Profit	Fishboning is an analysis technique for validating address and road GIS data, a necessary step in preparation for Next Generation 911 and other enterprise applications. In this talk, you will learn a methodology for creating fishbones on your data. We will also discuss the meaning of commonly seen fishbone patterns. Fishbones are a key ingredient for NG911 preparation; come with your questions!
Blair Deaver	Geospatial Data Scientist	Aspect Consulting, LLC	Putting your GIS on a diet.	It is the New Year - diet season. Have you ever thought about putting your organizations GIS through a diet plan? Where do you start? In this session you will learn how to: 1) measure your GIS performance across multiple platforms (ArcGIS Pro, ArcGIS Desktop, and QGIS) in order to determine a baseline of performance across raster and vector data sets and 2) approaches and techniques to improve the throughput of your GIS.
Terri Morganson	Account Manager	Esri	Introducing Esri Labs Quick Capture	There are situations when you need to capture data representing incidents or events quickly. For example, capturing the location and description of road defects from the passenger seat as your teammate drives along the freeway at 30 mph. The idea - big button data capture. Will demonstrate this freely available configurable app and how to get it.
Terri Morganson	Account Manager	Esri	Esri Field App Integration	Imagine using a map app to discover, navigate, and explore an area using your organization's data. Now, you observe something you need to record. No worries, just choose the option to do so from that first app and it will fire up the correct app to accomplish that task. All working together, seamlessly, to help you carry on and get your work done.
Bryce Gartrell	Geospatialist	Gartrell Group, Inc.	Geo Modeling Tool	I'm going to demonstrate a self-documenting geospatial modeling tool that we are building and using for site location analysis and various other mapping and analysis tasks.
Marcus Glass	Business Development Manager	Timmons Group	Missouri Outdoors Mobile App	Missouri's Department of Conservation (DOC) wanted to provide citizens with an intuitive mobile application for outdoor activities, locations and hours of operation. Timmons Group was contracted to develop the mobile app and have delivered the product through several iterations. The presentation will showcase the functionality of application and provide a "lessons-learned" review.

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Shad Campbell	Manager, IT Applications	Deschutes County	Custom Web AppBuilder Widgets	This presentation will be on how Deschutes County leverages and builds custom ESRI Web AppBuilder widgets. It will showcase a few widgets we have created, why and how we created them, and the benefits that the County has experienced from using the Developer Edition of Web AppBuilder and custom widgets.
Shad Campbell	Manager, IT Applications	Deschutes County	My Story Tour	This presentation will demonstrate a new kind of story map I call a story tour. This web application template is a mapping based time lapsed photo gallery. Follow along as I recall my bluebird ski day at Mt. Bachelor and hit the Bend Brewery Ale Trail. I'll show how I use my GPS watch and phone camera to create the geojson template files that drive the web application.
Levi Roberts & John Kidd	GIS Manager & GIS Analyst	Crook County	ArcGIS Enterprise/Survey Research Tool	Over the winter Crook County migrated to a full ArcGIS Enterprise environment. This presentation will cover some reasons why, and some of the problems we've found along the way. As part of this project we upgraded the County's Survey Research tool. The presentation will cover the reasons for the change and a quick demo of how it works.
Cy Smith	State GIO	Oregon Geospatial Enterprise Office	Workforce Development App	Service providers in the workforce development arena need to be able to share information with each other and see where other providers are located. Clients also need to know about providers and their locations. This mapping application serves as a common operating picture for the workforce development community.
Nick Skinner	GIS Program Tech	City of Bend	HotApps Survey123 Scavenger Hunt	3:30 seems a bit early for HotApps après right? Spend some time doing a fun downtown Bend scavenger hunt that will take you to the spot everyone will meet after. I'll give a quick presentation on how the survey was configured using the capabilities of Survey123 Connect as well as some tips for completing the scavenger hunt.
Jereme Monteau	Co-Founder & CTO	Trailhead Labs	Public Land Agency GIS Stories	Over the course of 5 years we've worked with public land agencies from small cities all the way up to the USFS and NPS. Along the way we've seen many challenges in using GIS data for web and mobile application. We've also come up with creative solutions. I'll tell a few of those stories.