

**2017 East TNGIC Regional Forum
October 4, 2017
Chester Frost Park Pavilion
Chattanooga**

KEYNOTE SPEAKER

Sam Hall

Chattanooga history enthusiasts and creator of the website DeepZoomChattanooga.com

Sam grew up on Signal Mountain and currently lives in Hixson. In 2014, he created the website DeepZoomChattanooga.com. The site features historical images and maps from the Chattanooga area in a



unique and interactive way. He is a graduate of University of Tennessee - Knoxville where he earned a Bachelor of Science in Communications. His rather broad work background includes technology consultation, website development, radio, marketing, and works with EPB Fiber Optics as a Business Account Manager. Sam has also been increasingly involved in advocating digitalization of newspapers and led efforts to digitize the Walker County Messenger papers from microfilm. He is now working on doing the same for historic Chattanooga newspapers.

Presenter:

Craig Robinson

Leveraging Workflow for Building Web GIS Applications (Vendor)

Building and deploying web GIS applications that meet specific business needs often requires custom development. Geocortex Workflow is a new web-based technology that lets you rapidly build sophisticated interactions for your web applications, and even do it across platforms! This approach does not require coding, and is highly flexible and shareable with others. We'll talk about this new pattern for development, that leverages cloud technology, and show some working examples.

Why you need a Portal (General)

Web GIS is becoming a significant new pattern for organizations to distribute access to spatial business information and business systems. This means that there are often many hundreds of individuals across the enterprise, and outside the enterprise, that require access to applications. The Web GIS pattern of ubiquitous access to applications is the same pattern we are now seeing through most common information systems. In this presentation, we will explore the benefits of a portal approach to your GIS deployment.

Presenter Biography:

Craig Robinson has worked in the GIS industry for 25 years as an analyst, developer, and manager. Craig has worked in many business verticals throughout his career, including natural resources, consulting, and government. Craig is currently an Account Manager with Latitude Geographics Group Ltd., developers of Geocortex web-based mapping software. Latitude Geographics is an Esri Platinum Business Partner.

Presenter:

Charlie Mix

Developing GIS Web Applications for Landscape Conservation (General)

Many conservation organizations lack the resources to easily access and utilize GIS data and tools that could positively impact their ability to quantify projects and make data driven decisions when prioritizing land for conservation. The University of Tennessee at Chattanooga's IGTLab was tasked by the Land Trust for Tennessee and the Open Space Institute to create a web application for conservation planning for use by conservation groups in the Chattanooga region. The core of the application is a tool that allows the creation of dynamic weighted raster suitability models composed of climate resiliency, biodiversity, agriculture & water quality sub models along with several other complimentary feature layers. This presentation will briefly cover how the input models were created, how the application was developed using ESRI's GeoPlanner template and Web App Builder, a live demo of the application, and how organizations are using the application.

Presenter Biography:

Charlie Mix is the GIS Manager at the University of Tennessee Chattanooga's Interdisciplinary Geospatial Technologies Lab (IGTLab.) He earned his BS in Geography from Jacksonville State University; prior to working at UTC he worked in government and non-profit organizations including the National Park Service and Chattanooga area land trusts. When he is not in the GIS lab, he can be found exploring single-track on his mountain bike or chasing whitewater in his kayak.

Presenter:**Keith Cooke****ArcGIS Enterprise (General)**

ArcGIS Enterprise is the next evolution of the ArcGIS for Server product line. ArcGIS Enterprise includes all of the components that you're familiar with like Portal for ArcGIS, ArcGIS Server, and more. Come to this session to get an introduction to ArcGIS Enterprise: what the rebranding means, the base deployment, why and when it makes sense to deploy and additional capabilities available through new server roles.

Presenter Biography:

Keith Cooke is a Local Government Account Executive for Esri. A graduate of Auburn University, he has been a GIS professional since 1994 and has worked for planning and community development agencies at the regional and local level in Alabama and North Carolina, as well as an Esri business partner for six years. He has been with Esri since 2004. In addition to his local government duties at Esri, works on national efforts in both the Planning and Economic Development projects. He is an active member in the American Planning Association, where he has conducted nearly 100 hands-on GIS workshops for planners since 2004.

Presenter:**Kevin Williams****The State of Tennessee's Public Data (General)**

The State of Tennessee STS-GIS Services group hosts an array of geospatial data, services, and information to the public via the TNMap Data website. Additionally, the State's Elevation Project is shared in coordination with TNGIC. This presentation will be a demonstration on each of the downloads and connections provided by STS-GIS Services. Each product's access and usage will be outlined and demonstrated. Of significant note is the new LiDAR derived countywide 2ft contours, which will be highlighted to show how to access the data, product information, best practices, and possible use case scenarios. The purpose is to demonstrate access and showcase the wealth of information that is available to the GIS community and the citizens of the state of Tennessee. Location of TNMap Data Page: <http://tn.gov/finance/topic/gis-data-topic>

Presenter Biography:

I am a GIS Analyst working with the State of Tennessee STS-GIS Services group. I have been in the GIS field for 8 years. With STS, as the lead analyst on the Next Generation 911 project, I work in conjunction with the Tennessee Emergency Communications Board, provide products/analytic services to Emergency Communication Districts across the state, and lead the State of Tennessee's work on USDOT's National Address Database (NAD).
