BRITISH COLUMBIA CHAPTER

PRESENTATION ABSTRACTS – February 20th, 2014

White Rock Tree Management Silverlight Application

Presented by Boris Zanic and Ying Lin, City of White Rock

White Rock is all about views, in particular the ocean view. While trees are considered value assets, unfortunately when it comes down to views and privacy they often become the centerpiece of controversy between property owners and the city. In an effort to better manage these assets and minimize the potential for community conflict, the City decided to invest in the development of a tree management application. This presentation will focus on the challenges with the data collection process from spatial as well as the attribute side and showcase the functionality of the Silverlight application which is currently running only as an internal application.

Using Web-Based Mapping Services Effectively with External Applications

Aaron Koning, Safe Software Inc.

Web-based mapping technology offers organizations a powerful new way to collect, manage, and analyze business intelligence for enhanced decision-making. A challenge lies in making this information available to stakeholders exactly when and where they need it, for example - through mobile applications. This presentation will highlight an award winning iPad app out of Australia that uses an Integration Platform as a Service (iPaaS) to calculate bush fire risk before construction projects begin. The objective is to demonstrate how modern cloud-based technology can be used to read data from various web-based mapping services like ArcGIS Online and Google Maps Engine, and make use of it in other cloud and mobile device applications.

So You're Dead, Now What? – A Tale of Bodies, Processes and Applications

Presented by Shane Barnaby and Scott McQuarrie, Township of Langley

The Township of Langley operates three cemeteries with the oldest dating back to 1881. Throughout their history, methods of cataloguing internments included hand drawn maps with names scrawled in tiny squares, spreadsheets and databases. The lineage of record keeping has created issues related to data quality and integrity. The Township had a vision to modernise the cemetery system through a new web based application and a solid enterprise database backend. Be one of the first to have a sneak peak at the Township's web based cemetery application.

Open Data Modernizes the City of San Francisco

Ian Kalin, Socrata

Open data is improving the quality of government services. Through a technically-oriented use case, this presentation will demonstrate how the City of San Francisco's services are being improved through innovative public engagement. Smart investments around third-party app development is also essential. Government agencies are accelerating the accomplishment of their goals by empowering local residents. These innovations are delivering real results to people everyday while also improving the quality of democracy.

Maps, Apps, and Naps!

Presented by Sean Simpson, City of Surrey

The City of Surrey has created a range of mapping solutions for the Web and Apps. Increasingly we are tasked with deciding upon the appropriate means of delivering mapping information, and currently we have no less than 5 initiatives either about to released or are just getting started. These applications come in many forms including web apps (wrapper / PhoneGap types), website embedded maps, Silverlight applications, html5/javascript applications, and more. It is exhausting! This presentation will discuss the methodology for selecting the technology and demo some of the solutions.

Extending the Reach of GIS via the Cloud

Nathan Enge, Esri Canada

A growing demand from staff and citizens for accessible, authoritative geographic information is a constant challenge for GIS departments. Using cloud-based GIS technology and content, local governments such as Victoria, Rossland and Vernon have the ability to store, manage and host their mapping services in the cloud while publishing their geographic content using cloud services. In this session, we'll explore how cloud technology is being leveraged by these municipalities (and more) to extend the reach of GIS through ready-to-deploy, mobile-friendly web application templates.

YVR's WebGIS System

James Blake, Vancouver Airport Authority

James Blake will discuss the webmap system that was built for use by Airport Authority staff. He will show some of the special applications that were built inside the webmapping application. He will also discuss some of the specialized web applications that were built for specific needs outside of the main application.

Open Source and the Spatial Web

Presented by Paul Ramsey, Boundless

A quick survey of the open source tools being used to build publicly facing spatial web services and sites. Spatial database, map servers, caching servers, and web interfaces: the open source world has several of each! Organizations like Portland TriMet, City of New York, and the Federal Communications Commission have all used open source to stand up prominent public facing services, and this talk will explain how.