PRESENTATION ABSTRACTS – January 19, 2011

Use of Twitter to Provide Crowd Sourced Location Information
Presented by Drew Rifkin, Account Executive, Safe Software

This lightning talk will cover two real world scenarios where Twitter is utilized for real-time collection of location based information in real time.

1. Arkansas Geographic Information Office Tornado Tracking application.
2. Safe Software- Support mapping application.

Reality, reality and augmented reality
Presented by Karl Swannie, CEO, Cloverpoint and Len Rodrigues, Senior Principal – Sector Leader, Stantec

CloverPoint and Stantec have an inspired idea and a real world system whose framework is already in use for the University of British Columbia and the Province of British Columbia. Our history in GIS, web technologies, Building Information Management (BIM) and online 3D engines has been combined into one consolidated system that we will discuss and present.

We'll also show our vision for the future which:
- extends BIM communication
- creates a space for User Generated Geo-Content
- merges GIS data and visualizations into real world space
- will drive crowd accelerated innovation
- is a lot of fun just to imagine.

BCeMap – A Multi Agency Situational Awareness System for the Province of BC
Presented by Gurdeep Singh, Portfolio Manager, GeoBC and Kris Hayne, Business Area Expert, EMBC

BCeMAP is a Multi- Agency Situational Awareness tool that provides a framework for geospatial intelligence, data fusion and visualization. This project is a result of partnership between EMBC, GeoBC and GeoConnections program.

BCeMap is part of the national Multi-Agency Situational Awareness System (MASAS) system that will enable emergency management practitioners to better prepare for, respond to and mitigate the impacts of emergency events through timely sharing of geospatially referenced information within a Common Operating Picture (COP) application.

The presentation will also highlight local, provincial and federal collaboration and partnership in providing geospatial information for emergency management and public safety stakeholders with a focus on major events like 2010 Olympics.

No Instructions Required: Taking the GIS out of Web Mapping
Presented by Chad Huntington, Geomatics Coordinator, Langley Township

The Geosource web mapping application has been an invaluable tool for TOL staff members and its residents for the past five years. However, due to the technological constraints of traditional tools available for web mapping development, the end result has been a non user-friendly product that is effectively a "desktop in a browser." This presentation will showcase how the Geomatics Department plans to utilize new technology and the concept of neogeography to take the GIS out of web mapping by developing a set of high-performance, content-rich and context-specific products that remain intuitive enough that no tutorials or training will be required.

Integrated Asset Management at the City of Vancouver
Presented by Martin Tilt, GIS Analyst, City of Vancouver

The City of Vancouver recently completed phase 2 of it's integrated asset management, work management, and customer service strategy (IMS). GIS plays an integral role in the strategy the City decided to employ and the presentation today is designed to give the audience an overview of what IMS is and some of the key decisions the City made and how they impact the way GIS will be used going forward.

The Many Worlds of OpenStreetMap
Presented by Alan McConchie, PhD Candidate, UBC Department of Geography

In this presentation, I give an overview of the current state of OpenStreetMap (OSM), often described as the Wikipedia of maps. I examine a few specific applications of OSM, such as its role in aiding disaster response following the 2010 earthquake in Haiti, and explore some recent developments such as the adoption of OpenStreetMap data by Mapquest and Microsoft. I conclude by synthesizing the current academic research on OpenStreetMap and Volunteered Geographic Information (VGI) more broadly.

Leveraging Technology: Using Imagery in Assessment
Presented by Kim Boyd, Senior Business Analyst, BC Assessment and Dwayne Scallion-Pond, Manager of Business Systems, BC Assessment

With the number of properties in the province increasing annually, BC Assessment has been challenged to find more effective ways of collecting property information than the traditional method of physical inspections. Solutions have been found through the use of imagery and geo-referenced products that assist the appraiser in detecting changes to properties.

Survey-Enabled Imagery – A New Direction in GIS Data Collection or Why Are You Still in the Field?
Presented by Paul Currie, Business Development Manager – Mobile Mapping, McElhanney Consulting Services Ltd.

Introducing "survey-enabled" street level imagery from GeoAutomation – a definitive shift in urban survey methodology. Users are now able to sit at the comfort and safety of their office workstations and 'survey' feature points, and line strings, into their CAD or GIS.

Mobile Tap App/Parks iPhone App
Presented by Peter Cech, Communications Specialist, Metro Vancouver and Stephen Suddes, Visitor Services & Partnerships Division Manager, Metro Vancouver

Research on the drinking water habits of Metro Vancouver residents confirmed that, while the majority preferred tap water, many still purchased water in single-use plastic bottles because it was easier to find bottled water than tap water. Metro Vancouver's free iPhone app, *Tap Map*, was developed to address that convenience barrier.