

**GIS for Utilities
MEGUG Winter Meeting 2011
EJ Prescott
32 Prescott St
Gardiner, Maine
January 21, 2011**

8:30 to 9:00

Registration

9:00 to 9:15

Welcome - Aimee Dubois

9:20 to 9:50

GPS Implementation

Christian Mozina, Unitil Service Corp & Charlie Kickham, Unitil Service Corp

Christian Mozina has a BS in Finance, 2 year degree in Environmental Studies, 1 year post grad in GIS in Ontario, Canada and 1 year GIS certificate from Penn State

Charlie Kickham has a BA in Anthropology from Umaine and a Masters GISci from Salem State College

This session will present the benefits of utilizing an effective GPS program as a means to enhance our enterprise GIS. We will address not only the technological aspects of our GPS program, but also the challenges of implementation in a demanding business environment. We will also discuss the future role of GPS at Unitil. While this presentation will cover broad based disciplines, we will aim to extract only the detail that is most significant to our working environment, and hope that we are able to connect with all members of the audience, regardless of professional background.

9:55 to 10:25

Up in the Air about Getting to the Field? Your Choices Are...

Mike Doyle, Fuss & O'Neil

Mike attended UMF and has a degree in Environmental Science. He is also a GISP and is the chairman for the RI GIS Executive Committee.

This presentation will go through a number of projects that our clients have taken (good and bad) to get work crews out in the field with digital data. Discussion will include GPS, field apps using ArcReader and Acrobat, ArcGIS Server, and redlining throughout. I will touch on usability, functionality, cost, user feedback, and results.

10:30 to 10:45

Break

10:50 to 11:50

Leveraging your existing GIS system for Infrastructure Asset Management

Alex H. von Svoboda, VUEWorks Inc.

Mr. von Svoboda joins VUEWorks from Autodesk, where he spent over eleven years in sales management for North America. Prior to Autodesk, Mr. von Svoboda was the Managing Director for Softdesk Europe, a civil and architectural engineering CAD software development company. He holds a Civil Engineering degree from Ryerson University.

This session will talk about the current trends in the municipal marketplace requiring a web based work/asset management solution that can be applied holistically throughout the municipality, supporting the increased demands for CMOM, NPDES, MUTCD sign retro-reflectivity and GASB 34 reporting. This session will also look at how Web based technology, mobile hardware and wireless communication has evolved to allow towns, cities and utilities bring GIS map based information to anyone, anywhere and anytime. Customer case studies will also be reviewed that describe the transition from a paper based work flow to a digital GIS centric environment; providing a rich foundation of information to make informed decisions on asset maintenance, refurbishment and ultimately replacement.

12:00 to 1:00

Lunch

1:10 to 1:40

Common Operating Picture for Utility Outages

Christopher Kroot, Maine Office of GIS

Christopher is an Enterprise GIS Analyst for the Maine Office of GIS

This talk will be on the Common Operating Picture (COP) that the State of Maine is implementing. I will discuss the objectives of the Maine Public Utility Commission in regards to monitoring the outage information, how they plan on using the COP during an outage situation, how the COP will effect outage data capture, transfer, and maintenance. I will also touch on the objectives of the Maine Emergency Management Agency and how they will use the COP in an emergency, the COP as a planning tool, the stakeholders, and the products and services provided. The COP uses Google Earth Enterprise, ESRI ArcServer and SDE, WebEOC, Mobile devices, and custom programs. I will also discuss the Road Ahead and hope to do a short demo.

1:45 to 2:15

On Target Utility Screening with the aid of GIS

Matthew Caron, On Target Utility Services

Matthew has a B.S. in Information Systems and 8 years in the Utility Industry.

A discussion of underground utility screening services provided by On Target Utility services, leveraging integration of Utility GIS data sets to provide Dig Safe Ticket timely and reliable screening services for On Target Utility Services Clients.

2:20 to 2:35

Break

2:40 to 3:40

Chapter 140 Regulations Panel Discussion

Amy Spelke – Public Utility Commission

Greg Jalbert – Auburn Water District

Christian Mozina – Unutil Service Corp

Fletcher Kittredge – GWI

This Rule requires certain public utilities to develop, maintain, and file with the Commission maps of their service area and key infrastructure. This Rule further establishes standards for the content and format of those maps.

3:45 to 4:00

Wrap-up

