

The Yellow Brick Road of Spatial Data Infrastructures...Boundaries, Roads and Address Points Oh My!

Sheila Steffenson- 1Spatial Inc.

Melissa Ubaldo - 1Spatial Inc.

10:15 - 11:00 am

Bio:

Sheila Steffenson - As CEO for 1Spatial Inc. (Americas), Sheila has over 30 years' experience in the geospatial industry, 23 of which were with Esri Inc. During her years there she moved from the initial role of technical/technical sales into management, taking on the role of Regional Manager of the South Central US Esri office. Following 11 years in that role she moved to the Washington DC area and took over management of the Federal Sciences Sales team. During her tenure she also supported numerous international efforts, including support to Esri's Latin American distributors and support of various open geospatial events around the globe.

Sheila brings great excitement to the support of developing out implementations of the 1Spatial capabilities across the Americas. Recognizing the intrinsic value 1Integrate brings to the enterprise of data systems (both geospatial and non-geospatial), she finds great satisfaction in enabling data managers with capabilities to more efficiently and effectively ensure that their data is "fit for purpose".

Melissa Ubaldo - Melissa Ubaldo is a Solutions Engineer for 1Spatial Inc. She has hands-on experience with various federal, state, and local government projects focused on building smarter solutions for pervasive data and workflow management challenges. Her involvement in multiple data conflation and integration projects has defined her experience in supporting data supply chains and proper data governance practices, currently highlighted by advising and developing the 1Spatial Next Generation 9-1-1 solutions. To support this, she is also a member of NENA (National Emergency Number Association) working groups. Her 9+ years as a GIS professional includes improving organizations data management processes and data supply chains.

Abstract:

Building Spatial Data Infrastructure's is no easy task. From the required collaboration to the workflow and everywhere in between there are evil monkeys, poppies and wicked witches along the way. Organizations must work with local data suppliers, other organizational departments, and even federal partners to support the data supply chain. If you are lucky, you can get the data suppliers to agree on a set of Data Governance standards to help ensure decent quality and data in a format that can be readily integrated. However, this is more often the exception rather than the rule. And often, the most daunting piece of the puzzle is getting all this incoming data to align as well as to keep it aligned as updates are supplied year by year. With pressure to do more with less, support staff to manage these efforts can be hindered by lack of resources to establish, as well as maintain, the implementation. In this presentation, 1Spatial will share the success in thwarting many of the "wicked witches" challenges through automation in support of all aspects of the Spatial Data Infrastructure workflow. This includes our Spatial Data Infrastructure implementation for the State of Michigan as well implementing data supply chains for Next Generation 911 for State of Georgia, Minnesota, Arizona, and LA County. We will show how these organizations are helping their partners to easily understand data requirements and are empowering them to correct issues by identifying where there are potential non-conformances in the data while providing valuable metrics on the overall health of the data over time. Lastly, once data meets an agreed upon threshold, the data is integrated with multiple sources of data into seamless organization-wide enterprise databases. Put on your ruby red slippers and join us to learn about how to implement and enforce data quality to support data governance within your organization.

