



# Mapping Leaders Forum

Dr. Nadine Alameh  
CEO  
*Open Geospatial Consortium*

JANUARY 30, 2020  
9:00AM - 5:00PM

ESRI R&D CENTER  
ARLINGTON, VA, USA

## PRESENTATION ABSTRACT

### *From Geospatial to Location: Evolution and Trends*

Now more than ever, location actually counts! Some call it the spatial revolution, others credit it for enabling Industry 4.0. Either way, “geospatial” has moved up the value chain and has become a differentiator and enabler in more domains that can fit on a single page. As a global practice, we have evolved from GIS to Geospatial to now becoming experts in using and providing location information for the greater good.

Let’s also acknowledge that our world is changing: We are witnessing an explosive availability of data about nearly every aspect of human activities along revolutionary advances in computing technologies. In parallel, our challenges from national security to climate change to disaster responsiveness have also become more complex.

Beyond traditional applications, location has become integral to small sats, drones, Internet of Things, smartphones, and connected autonomous vehicles. And beyond the technical perspective, we are experiencing changes in the fundamental economics of data capture, emergence of new business practices and opportunities, shifts in business models and the potential of a new generation of “digital natives” young professionals.

There has NEVER been this much potential for location data integration and analysis; and the problem of interoperability has NEVER been this accentuated. OGC is helping the industry come together to make location Findable, Accessible, Interoperable and Reusable (FAIR) via a process that combines consensus-based standards, collaborative innovation, and targeted business partnerships. This talk underscores the value of the combination of standards, innovation and collaboration in the new business environment, and presents an overview of the landscape progress and opportunities.

## BIO

Dr. Nadine Alameh is the recently appointed CEO of the Open Geospatial Consortium (OGC), an international organization dedicated to making Location information Findable, Accessible, Interoperable and Reusable (FAIR) via a process that combines consensus-based standards, collaborative agile development, and targeted domain, regional and technology partnerships.

Dr. Alameh is a recognized leader in the field of Geospatial Information Systems, having built a career out of her dedication to interoperability, innovation and information sharing in a multitude of domains including Aviation, Earth Observations, Public Safety and Defense.

Prior to OGC, she held various roles in industry from the Chief Architect for Innovation in Northrop Grumman’s Civil Solutions Unit; to CEO of an international Aviation data exchange startup; to senior technical advisor to NASA’s Applied Science Program.



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Dr. Alameh graduated from MIT with a Ph.D. in Information Systems Engineering, and 2 Master Degrees in Civil Engineering and Urban Planning with a concentration in Geospatial Information Systems. She holds a BS degree in Computer Engineering from the American University of Beirut.