EVOLUTIONS IN ONLINE GIS

GOULD, Michael

Esri, 380 New York Street, Redlands, CA. 92373

mgould@esri.com

The global community is beginning to build critical mass in terms of creation of interoperable systems for discovery, publication, analysis, and visualization of geographic information to assist with problems in key Societal Benefit Areas. These systems consist of components from diverse architectures and also diverse viewpoints as to how the components should fit together, hence the need for increased interdisciplinary interoperability. One aspect to consider is that some components are created as thematic or project-specific software, others as mass market software, others as small components from the crowdsourcing world, and still others from the general software platform realm. Esri’s recent software offering crosses these boundaries to some extent although with focus on the software platform, ArcGIS, an evolving Online GIS. This presentation shows the latest evolutions in the platform and circles back to show how it is being used by decision-makers to help solve SBA problems every day. Including these millions of day-to-day GIS users when building a system of systems is a productive way to increase the critical mass of system usage in record time.