NEW YORK STATE GIS ASSOCIATION

Recognition of

# Individual Achievement in GIS

is hereby granted to

# George W. Davis Jr.

Over the past year, George Davis has been involved in integrating GIS, Video, Simulation Models, 3D (Terrain, Fuel and Urban Models), Drones, Phones and web browser-based applications into an interoperable operating and training environment for first responders. This was in response to wildfires, floods, hazardous material releases (ex: plumes and spills,) or a combination of any or all of the hazards occurring simultaneously. In this past year's wildfire season, he worked on the major wildfires in the western United States,
most notably the Camp Fire that destroyed Paradise California. The GIS wildfire progression models combined with an agent-based simulation modeling application that is projected onto to a 3D simulation table was featured on the 60 Minutes episode: *Paradise Lost: Inside California's Camp Fire"*
As of May of this year, he is now working on integrating a cloud based critical communications application platform for first responders that combines UAV's, smart phones, tablets and web enabled devices to share location data, live video feeds, chat, radio, and GIS Mapping in a secure platform that can be scaled instantly to deliver situation awareness from the boots on the ground to the command center and from the command center back to the responders on site or on their way to the scene.
Over the years George has built a reputation as the "go to guy" when a skilled integrator is needed, especially during emergencies and special events. George is known to never turn down a challenge. George is, and has always been, humble in his availability to contribute to the GIS community from the most sophisticated technology to the most mundane needs that might be required to accomplish the application. He generously shares his knowledge and expertise concerning the latest technologies.

It is because of this forward thinking that we recognize George Davis for his contribution to the GIS profession.

Awarded: September 2019

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Richard A. Reichert, President