

NEW YORK STATE GIS ASSOCIATION

Recognition of efforts as a

GIS Champion

is hereby granted to

Amanda LaValle

Amanda LaValle has been a long time advocate and proponent of using GIS in Ulster County. As the Director of the newly instituted Department of Environment, she was instrumental in finding funding for the County's comprehensive hydrography data layer update and has recently embarked on an aggressive geospatial mapping initiative aimed at assessing and improving stream connectivity through culverts on locally maintained roads. She also recently secured funding for a pilot project to assess existing culvert sizes against improved estimates of peak runoff generated from the county's new LiDAR data using ArcGIS tools and Python Scripts. This new pilot project endeavors to demonstrate how high resolution remote sensing (imagery and LiDAR) can be used in conjunction with advanced geospatial processing to prioritize culverts that are too small to pass expected storm flows and replace them as part of a comprehensive capital plan to improve community resiliency to storm damage from flash flooding. Amanda's ongoing commitment to having geospatial technology at the core of her environmental and infrastructure programs has made her a true GIS Champion in New York State.

Amanda LaValle continues to support the growth of GIS in her community, and it is with great pleasure that we recognize her as a GIS Champion for 2017.

Awarded: October 2017



Colin Reilly, President