

## NEW YORK STATE GIS ASSOCIATION

Recognition of

# Individual Achievement in GIS

is hereby granted to

# Susan Resnick

Susan Resnick has served the City of New York for 20 years. She has worked tirelessly as a co-leader for the New York City Department of Health and Mental Hygiene's GIS Center, managing the Agency's GIS. This work includes providing spatial analysis, GIS application development, managing geospatial data products, keeping up with and learning the latest technology, and training analysts on geospatial tools and techniques. Susan has participated in historic public health responses including West Nile virus, 9/11, H1N1, Hurricane Sandy and currently COVID-19. She has brought this expertise to the NYC COVID-19 response within the award-winning Integrated Data Team to fulfill a pivotal role in the response. With a focus on health equity, Susan developed and leads a team of geospatial analysts to develop complex data products that inform every step of the NYC COVID-19 response. Over the past 18 months, Susan's work has included, but is not limited to:

- Visualizing mobility patterns at the census tract and point of interest level to guide neighborhood level operations and place testing and vaccination sites
- Conducting complex geospatial analyses to support targeting of culturally and linguistically appropriate outreach efforts
- Developed dashboards, mapping applications, and supportive mapping tools to keep the Commissioner of Health, Mayor, and Deputy Mayors up to date with the latest information
- Liaised with multiple city agencies, including Test & Trace, the Department of Education, the Mayor's Office of Operations, and the Department of City Planning to support dynamic COVID-19 response efforts
- Informing the efforts of the Domestic and Intimate Partner Violence Taskforce to better understand unmet needs of people living in unsafe environments

Susan's expertise and leadership during the COVID-19 response has been recognized by the Commissioner of Health and Chief Data Scientist as an essential component of emergency response, resulting in an investment of over \$1M to build up the agency's public health geospatial workforce. Susan's leadership has been transformative for the NYC COVID-19 response, and her investment in the public health workforce is unparalleled.

It is because of this forward thinking and great leadership that we recognize Susan Resnick for her contribution to the GIS profession.



Awarded: September 2021

Chris Badurek, President

