## **NEW YORK STATE GIS ASSOCIATION**

Recognition of

## Individual Achievement in GIS

is hereby granted to

## Kristy E. Primeau

Kristy has been at the forefront of promoting GIS in the field of Environmental Science, especially in the growing field of archaeoacoustics. In an effort to better evaluate the impacts of noise, Kristy Primeau, with her cohort David Witt, created the Soundshed Analysis Tool for use in the ArcGIS environment using a combination of Python scripts and open source data. The tool is able to reflect how sounds would be experienced, similar to a line-of-sight analysis. This tool has been used by DEC to determine how far noise from a wind turbine will be heard on a particular landscape. It has also been used in archeological studies to model culturally produced sounds in past-archaeological contexts using GIS. Most recently, she and a cohort have investigated the soundscape of the pueblos of Chaco Canyon, New Mexico.

It is with great pleasure that we recognize Kristy E. Primeau for her contributions to the NYS GIS community.



Awarded: October 2017



Colin Reilly, President