Tom Howard- Resolve Hydro

Tom Howard is the founder and CEO of Resolve Hydro LLC, a startup focused on aquatic applications of remote sensing. Tom's work and research focus on enhancing water resources monitoring and management using remote sensing, machine learning, and geospatial analysis. Example projects include the development of a remote sensing methodology for conservation tillage BMP verification in Pennsylvania, the estimation of water quality parameters from satellite data for drinking water utility support, and the remote mapping of aquatic vegetation extent and density to support in-situ monitoring and management. Previously, Tom worked as an environmental engineer at Hazen and Sawyer, where he supported clients with issues related to water quality, water availability, and climate change adaptation. Tom received a BS in environmental engineering from Johns Hopkins University and is a graduate student in Brown University's Department of Earth, Environmental, and Planetary Sciences.