

This license will allow the use of two HR radar systems to map surface currents in the vicinity of New York Harbor. The new coverage area, will provide continuous year-round data in support of the ongoing NSF Lagrangian Transport and Transformations Experiment (LaTTE) (check name) project. This effort involves field and numerical experiments in order to examine processes that control the fate and transport of nutrients and chemical contaminants in the Hudson River plume. Along with numerical simulations and concurrent biological and chemical sampling, the plume will be tracked with dye injections, shipboard surveys, acoustic current meters, and HF radar.