

RUTGERS

New Jersey Agricultural
Experiment Station

green infrastructure in ACTION



Mr. Albert Padilla, a science teacher at the Dr. Michael Conti Public School #5 in Jersey City, contacted Rutgers Cooperative Extension (RCE) Water Resources Program to assist his students in developing a plan for water conservation and stormwater management at the school.

On October 25, 2013, RCE Water Resources staff, in partnership with PVSC, met with 11 students and Mr. Padilla to provide an overview of sustainable stormwater management through green infrastructure. This overview helped the students understand the benefits of managing stormwater in an urban environment. The RCE Water Resources staff helped the students evaluate the school's surroundings to identify possible green infrastructure practices that can be implemented at the school. Collectively, the students identified several potential practices which included installing a green roof, a rain harvesting system, rain garden planter boxes, tree boxes as well as pervious paving alternatives.

The RCE Water Resources Program staff will continue supporting Mr. Padilla and assisting his students with identifying and quantifying the benefits of green infrastructure projects for the school. They hope to be the first school in Jersey City to implement green infrastructure practices.

