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Presently a hydrogeologist /groundwater specialist with Cornell Cooperative Extension of Suffolk County's Marine Program. Major responsibilities include supervision of groundwater program including well drilling and groundwater/surface water investigative unit. Investigations focus on delineating sub marine groundwater inputs to various embayment's throughout Suffolk County. Also, in this capacity have researched and investigated groundwater/surface water interactions including development of groundwater ultrasonic seepage meter and a porewater evaluation probe system. Currently delineating areas of submarine groundwater discharge in several embayment's including Shinnecock Bay, Hog Creek, Three Mile Harbor, Accabonac Harbor, Sap Pond, Georgica Pond, Peconic River and the Great South Bay. Research efforts include pilot testing and research related to permeable reactive barriers for the removal of nitrogen in groundwater in the near shore area.