

Teaching Sustainability in the High School Classroom: Teaching Water Sustainability from Land to Bay in the High School Classroom *New*

Course Number: EDU 5900 Section: 19

(3 graduate credits, Tuition \$945), W,Th,M,T; 8:00 a.m. - 4:00 June 27, 28, July 1 and 2,

Location: Suffolk Campus and field trips

Participants will learn about the natural flow of water from Long Island to the bays and Sound and the implications of human activities on those water components. We will study present practices, compare to indigenous practices, and brainstorm sustainable options for the future. There will be a combination of classroom lessons, field trips, and homework assignments culminating in a final project to be presented to the class, including a lesson plan that can be used in the classroom.

Activities are based on the New York State Science standards and are geared for the middle school classroom. Students explore the impact of society on the environment through various activities. These activities are student centered, and created so the students can analyze and evaluate environmental problems in order to formulate possible preventative measures or solutions. Participants will depart with various activities/ labs created during this session. All new topics for 2024. . **Please note**: you may be eligible to receive a **grant** to pay for all or part of the tuition. See www.molloy.edu/ce/summer/tgi for details.

Instructor: **Eric Powers** “Ranger Eric” is a wildlife biologist, photographer, outdoorsman, and conservationist. He started leading nature hikes as a Park Ranger in Colorado until he served two years in the US Peace Corps as an Environmental Education Officer in the Kingdom of Tonga. Since then, he has been running nature centers in Colorado, Alabama and New York, as well as leading eco-tours to Africa, Australia, Greater Amazonia, and US National Parks. He currently teaches environmental education at CEEDLI.org, Long Island’s newest nature center.