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COMMUNITIES IN NATURAL & CREATED WETLANDS OF THE TEXAS COAST

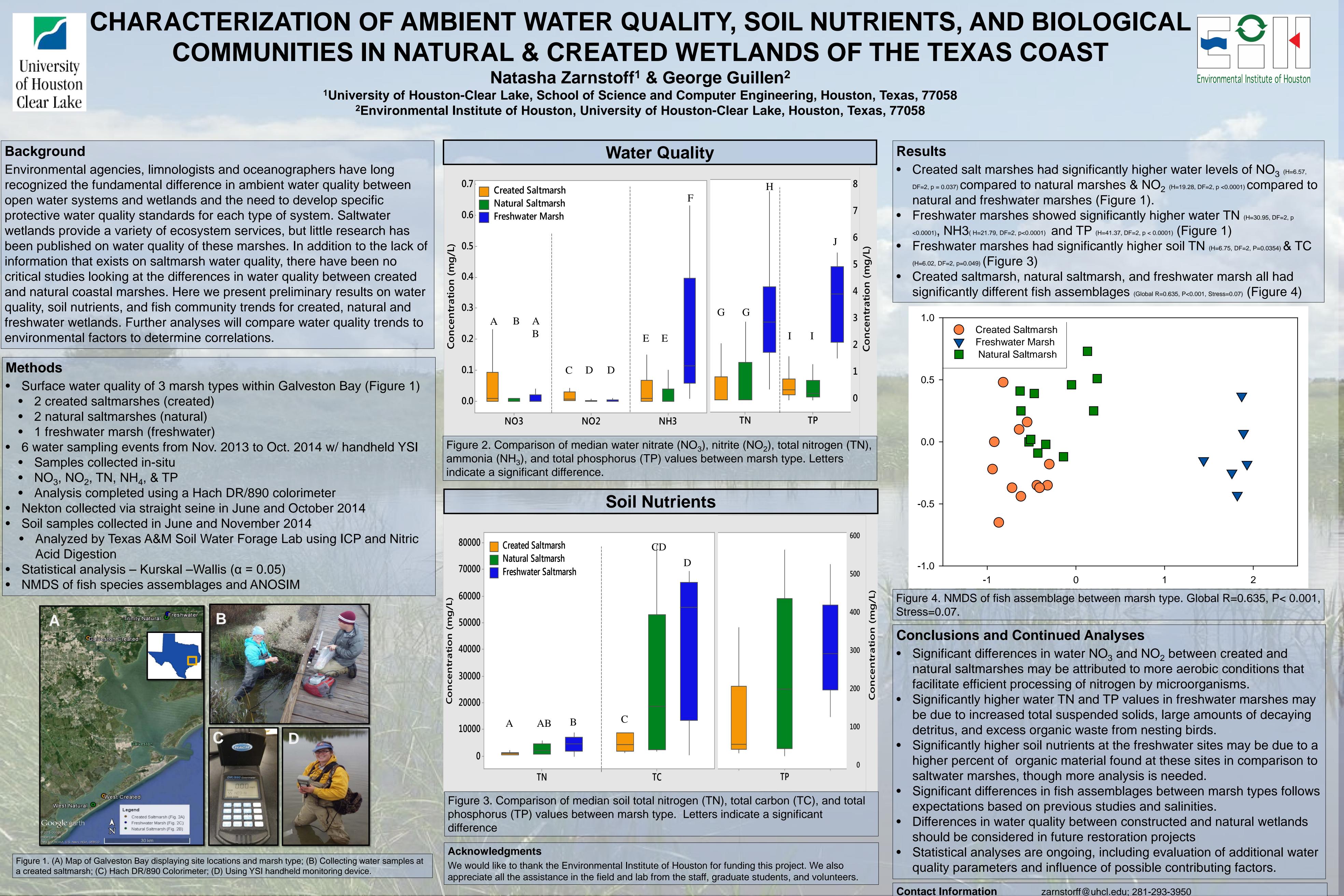
Background

Environmental agencies, limnologists and oceanographers have long open water systems and wetlands and the need to develop specific protective water quality standards for each type of system. Saltwater information that exists on saltmarsh water quality, there have been no environmental factors to determine correlations.

Methods

- 2 created saltmarshes (created)
- 2 natural saltmarshes (natural)
- 1 freshwater marsh (freshwater)

- Soil samples collected in June and November 2014
- Acid Digestion
- Statistical analysis Kurskal Wallis ($\alpha = 0.05$)
- NMDS of fish species assemblages and ANOSIM



a created saltmarsh; (C) Hach DR/890 Colorimeter; (D) Using YSI handheld monitoring device.