

# Spatial Characterization of Subtidal Flow in Little Egg Inlet

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## Introduction

Little Egg Inlet is one of multiple inlets to New  
Little Egg Harbor ecosystem, a shallow-**bar**  
estuary located within the Jacques Cousteau  
National Estuarine Research Reserve.

Net flow of water through inlets affects larval  
dispersal, water quality and supports migration of  
bar-built barrier islands through sediment  
transport.

This study aims to observe the horizontal velocity  
of water along a set of survey lines in Little Egg

