

Marsh Periwinkles (*Littorina irrorata*)

as indicators of changing salinity
in a wetland effluent discharge plume



Schedule for the week:

- a. Day 1
 - i. Morning – Scientific method, marsh ecology, equipment check-out, lab set-up
 - ii. Afternoon – Tour of site, collection of marsh periwinkles, begin exposures
- b. Day 2
 - i. Morning – Mortality observations, discuss transect methods and statistical approaches
 - ii. Afternoon – Lay out transects, collect water quality data, mark snails, learn data entry skills
- c. Day 3
 - i. Morning – Mortality observations, lab data entry and analyses, introduction to modeling and graphing scientific data
 - ii. Afternoon – Quadrature analysis of periwinkle distribution along a salinity gradient, collection of water quality data
- d. Day 4
 - i. Morning - Analyses of periwinkle distribution, reconciliation of lab and field data, discuss major conclusions, introduction to scientific PowerPoint presentations
 - ii. Afternoon – PowerPoint Presentation preparation and review of major findings and their implications
- e. Day 5
 - i. Morning – Finish presentation and practice group delivery
 - ii. Afternoon – Give presentation of findings to professionals and parents, followed by round table discussion (over refreshments) of results, lessons learned and future directions.