



## Summary/Data Analysis

This discussion is a review of all habitats students have snorkeled, the organisms observed in these habitats, and the environmental conditions that influenced each community. Any data collected during the stay will be analyzed and entered into the appropriate database. The overall theme of marine ecology and habitat interconnectedness of the waters of the Florida Keys and water everywhere is emphasized.

**Grade Level:** All

**Timing:** 1 hour

**Concepts Covered:**

- Horizontal zonation of Key Largo
- Interconnection of biotic and abiotic components
- Changes in ecology inshore versus offshore
- Spatial heterogeneity and climate stability hypotheses
- Data analysis

**Vocabulary:** reviews much of the vocabulary discussed during their stay; new vocabulary introduced is dependent on the data being discussed and analyzed

**Extensions:** long term monitoring data for all of our data collection programs is available to participating teachers upon request

**Resources:** [www.seagrasswatch.com](http://www.seagrasswatch.com), [www.reef.org](http://www.reef.org), [www.globe.gov](http://www.globe.gov), [www.mote.org](http://www.mote.org), [www.plasticaware.org](http://www.plasticaware.org), <https://products.coastalscience.noaa.gov/pmn/screening.aspx>