Data exploration:

* Quantile-quantile
  + all environmental variables are more or less normally distributed.
* Pairplot
  + Water depth positively correlated with salinity, sigma-theta, density, and transmission, and negatively correlated with temperature.   
    (water stratification)
  + Temperature negatively correlated with salinity, density, sigma-theta, and transmission.  
    (shallower water are hotter, less saline, less dense, and less transparent)
  + Dissolved oxygen correlated negatively with delta13C and positively with Chla.
  + delta13C and positively with Chla are negatively correlated.  
    (see paragraph about stable isotopic carbon chla mismatch)
  + TOC moderately correlated with TN and CN.  
    (might mean that food quantity is more or less related with food quality, yet CN signature might also be contributed by fossilized organic matter in the Gaoping River watershed.)
  + TN positively correlated with sediment water content and porosity.
* Boxplot