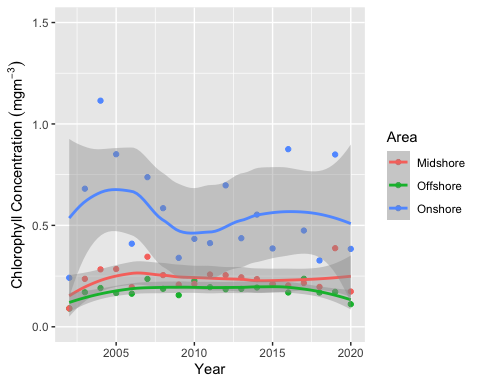
Plot Deconstruction

2024-05-15

#Import Dataset and load packages   
  
chl\_data<- read.csv("data/Chlorophyll\_data.csv")  
library(ggplot2)

# Creating New Plot after deconstruction  
# We added the geom\_smooth() function and altered the x and y axis scales   
# We altered the colors to optimize visualization  
ggplot(data = chl\_data) +   
 geom\_point(mapping = aes(x = Year, y = chl.a, color=Area)) +  
 geom\_smooth(mapping = aes(x = Year, y = chl.a, color=Area)) +  
 labs(x= "Year", y=bquote(Chlorophyll ~ Concentration~(mgm^{-3}))) +  
 scale\_y\_continuous(limits = c(0,1.5))

## `geom\_smooth()` using method = 'loess' and formula = 'y ~ x'



ggsave("my\_plot.pdf")

## Saving 5 x 4 in image  
## `geom\_smooth()` using method = 'loess' and formula = 'y ~ x'