

Examining environmental drivers on greenhouse gas production and denitrification potential in a constructed stormwater wetland (aka 2017 CSW)

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Project Description: Analysis of seasonal denitrification potential in a constructed stormwater wetland (Greenville, NC, USA).

```
#clears R environment
rm(list = ls())
#load requires packages
library(ggplot2)
```

```
## Warning: package 'ggplot2' was built under R version 3.4.4
```

```
library(psych)
```

```
## Warning: package 'psych' was built under R version 3.4.4
```

```
##
```

```
## Attaching package: 'psych'
```

```
## The following objects are masked from 'package:ggplot2':
```

```
##
```

```
##      %+%, alpha
```

```
library(dplyr)
```

```
## Warning: package 'dplyr' was built under R version 3.4.4
```

```
##
```

```
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
```

```
##
```

```
##      filter, lag
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
##      intersect, setdiff, setequal, union
```

```
library(tidyverse)
```

```
## Warning: package 'tidyverse' was built under R version 3.4.4
```

```
## -- Attaching packages ----- tidyverse 1.2.1 --
```

```
## v tibble  1.4.2      v purrr   0.2.5
```

```
## v tidyr   0.8.1      v stringr 1.3.1
```

```
## v readr   1.1.1      v forcats 0.3.0
```

```
## Warning: package 'tibble' was built under R version 3.4.4
```

```
## Warning: package 'tidyr' was built under R version 3.4.4
```

```
## Warning: package 'readr' was built under R version 3.4.2
```

```
## Warning: package 'purrr' was built under R version 3.4.4
## Warning: package 'stringr' was built under R version 3.4.4
## Warning: package 'forcats' was built under R version 3.4.4
## -- Conflicts ----- tidyverse_conflicts() --
## x psych::%+%( )      masks ggplot2::%+%( )
## x psych::alpha( )    masks ggplot2::alpha( )
## x dplyr::filter( )   masks stats::filter( )
## x dplyr::lag( )      masks stats::lag( )
```