Ecological Forecasting Final Project Draft

WB

12/2/2019

Introduction

- why important to study
- cite a few other studies doing similar work
- end intro with "in this study" paragraph to set up reader to how we plan to attack the problem
- hypotheses?
- Figs for this section:
  - map of study area
  - bar graph of cyanobacteria bloom timing being different every year (long-term monitoring)

Methods

- study sites
- data used and how prepped
  - buoy sensor data (MC)
  - meteorological station data (WB): air temp, solar radiation, wind speed, wind direction
  - discharge data (WB)
- data analysis - feature important (HC)

Results

- fig of time series of the parameters to set the scene?
- which set of feature importance do we want to use?

Discussion

Future work

References

INFO ON HOW TO CITE in .Rmd from https://rmarkdown.rstudio.com/authoring_bibliographies_and_citations.html :

- Citations go inside square brackets and are separated by semicolons. Each citation must have a key, composed of '@' + the citation identifier from the database, and may optionally have a prefix, a locator, and a suffix. Here are some examples:
  - Blah blah [Isles et al., 2017].
- Then in Zotero create a `.BibTex` file by going to File –> Export Library –> change to BibTex

References

Peter D. F. Isles, Donna M. Rizzo, Yaoyang Xu, and Andrew W. Schroth. Modeling the drivers of interannual variability in cyanobacterial bloom severity using self-organizing maps and high-frequency data. *Inland Waters*, 7(3):333–347, July 2017. ISSN 2044-2041. doi: 10.1080/20442041.2017.1318640. URL https://doi.org/10.1080/20442041.2017.1318640.