Signal Processing Final report



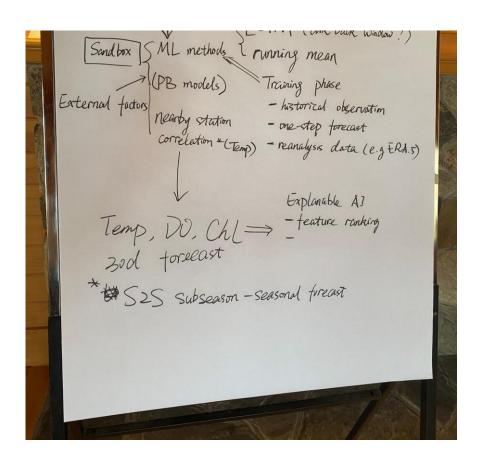
Moderator:

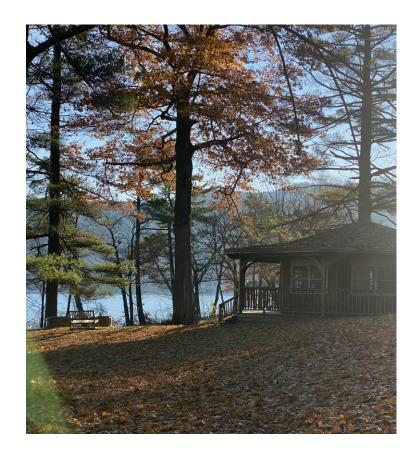
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Brainstorm happened in this wooden house...

New Project: Sandbox (quick-sand)

Multiple data-driven methods (Targets: Temp, DO, Chl)

NEON Forecast challenge

Automatic workflow

Fill the gap in the datasets

Data source

NEON sites (7 lakes)

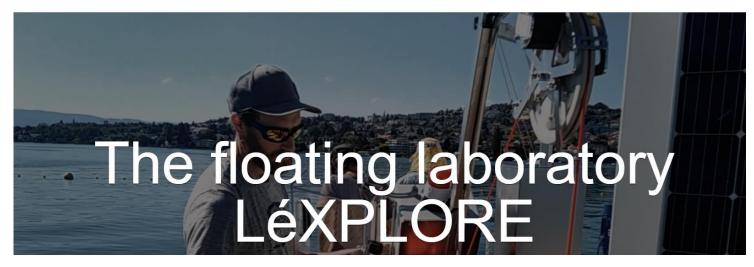






Eawag site (Lake Geneva)





Lake George, New York, USA

The Jefferson Project at Lake George – RPI, IBM, LGA

Sensor network comprised of 23 stations (2-4 vertical profilers, 12 tributary monitoring stations, 7

weather stations

Data collection began in 2015

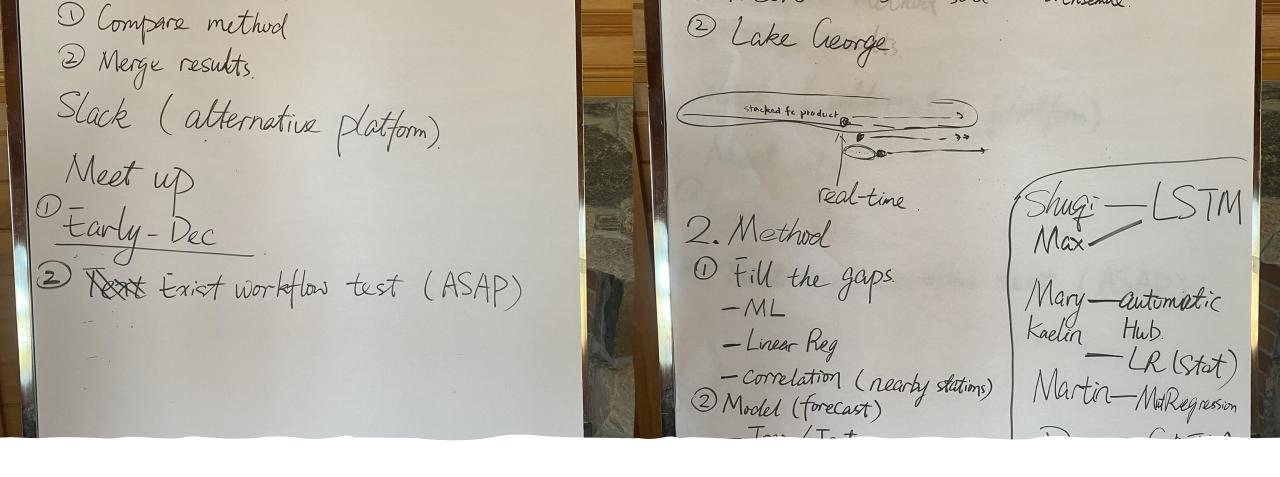
Curated data available beginning 2017

• Erken sites

• Western Lake Erie

Harp Lake

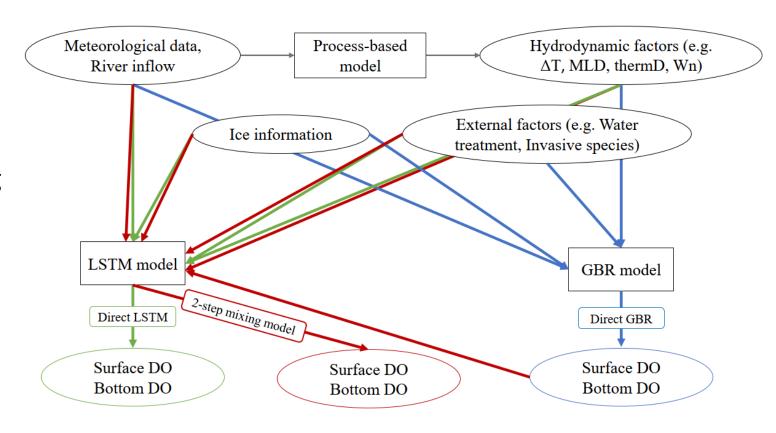




Homework

Ideas...

- Collaboration with Lake Modelling group
- KGML → AD Hoc meeting (Champion Mary Lofton)
- Testing the existing workflow with the new datasets → used in forecast challenge



Thanks!!!

