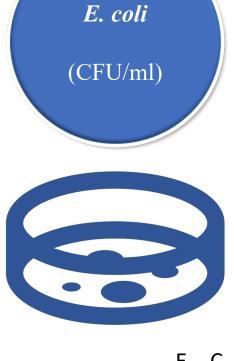
## Input Data (Model Predictors)

Base-learner Models Super-learner Model Model Outcome

Treatment - SLS
Treatment - WW
Stage – S1
Stage – S2
Stage – S3
Stage – S4
Season - Spring
Season - Summer
Calcium
Nitrates
Salt
Sodium
Potassium
рН
Conductivity
Total Solids
Volatile Solids



Stacked Ensemble Generalized Linear Model



E – C – MAN Machine Learning Model