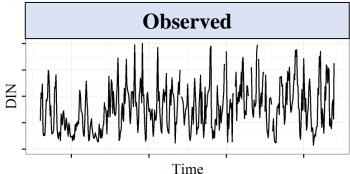
$\ln(DIN) = \beta_0 + \beta_1 t + \beta_2 \ln(Q) + \beta_3 \sin(2\pi t) + \beta_4 \cos(2\pi t) + \varepsilon$



Climate

precipitation temperature wind events ENSO effects

Local

light/turbidity
residence time
invasive species
trophic interactions
invasive species

Regional/Historical

watershed inputs
point sources
management actions
flow changes
downstream effects

