Intro

1. Eutrophication of freshwaters is one of the primary threats to water quality across the globe.
   1. An estimated $2.2 billion in losses because of eutrophication is likely an underestimate of the actual amount. Costs are associated with recreation, fisheries, property values, loss of biodiversity, and drinking water treatment (Dodds et al., 2008).
      1. And determining economic value of freshwater is difficult with many important factors often excluded from these analyses (Keiser et al., 2018).
   2. Eutrophication can lead to more frequent and intense harmful algal blooms, one of the greatest risks to freshwaters biodiversity across the world (Reid et al., 2019).