



Precautionary Principle

- **Visual presence of bloom used as threshold instead of numeric toxin value because:**
 - **Lag time between sample collection and dissemination of results**
 - **Allows the public to make decisions about recreating in a water at the time of use**
 - **High spatial and temporal variability in algal cell and toxin concentrations**
 - **Very low incidence of toxins in waters without visible bloom present**
 - **Application of EPA's recommended criteria would not cause any additional waters in Florida to be listed as impaired**
 - **Concerns regarding EPA's derivation of cyanotoxin thresholds**