Conceptual Framework for AIS Surveillance & Monitoring in Great Lakes

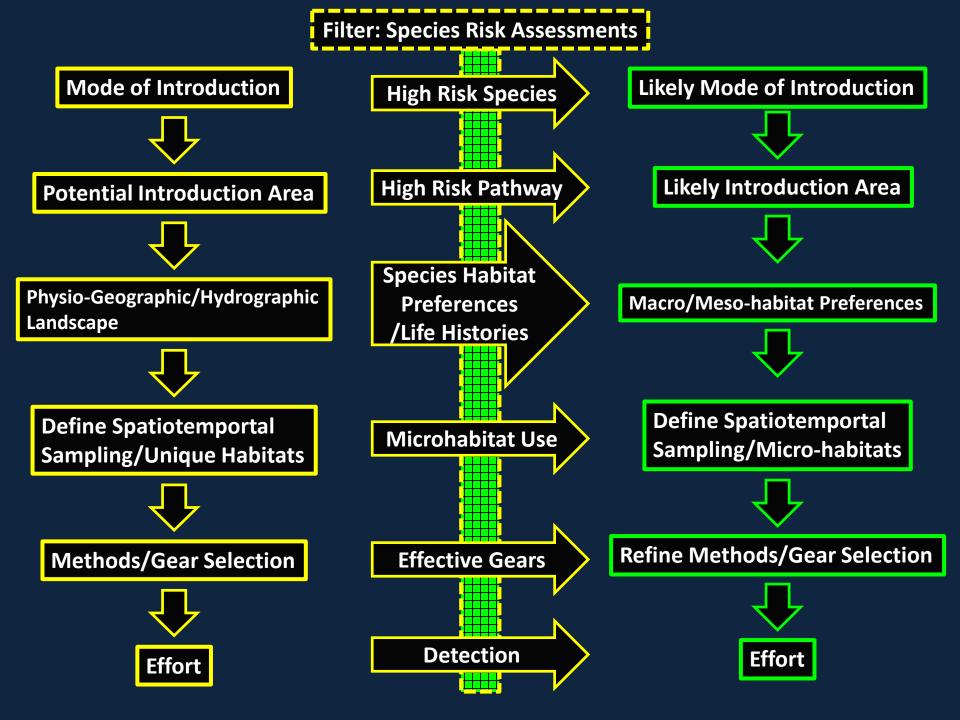




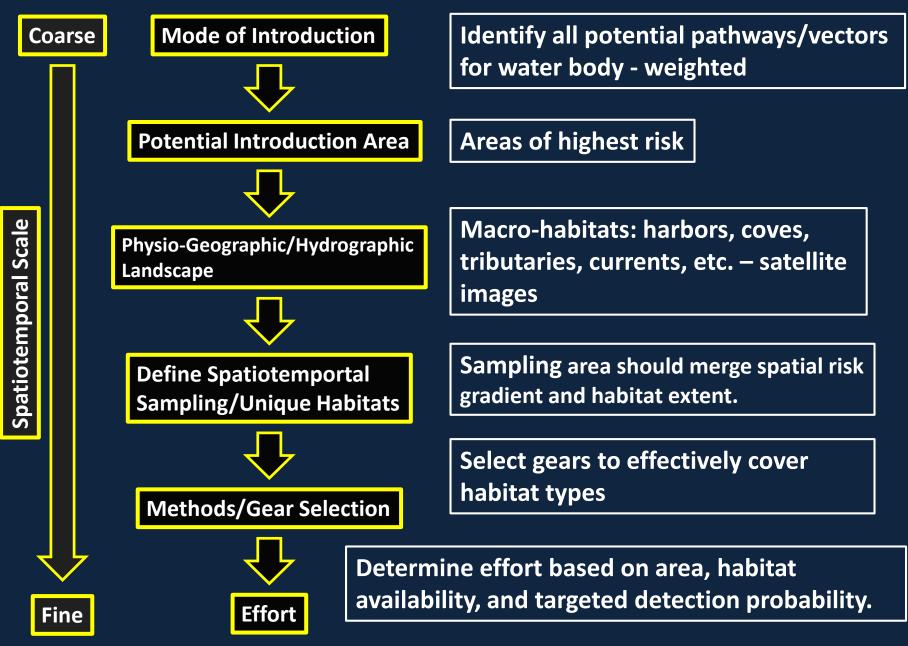
Timothy Strakosh

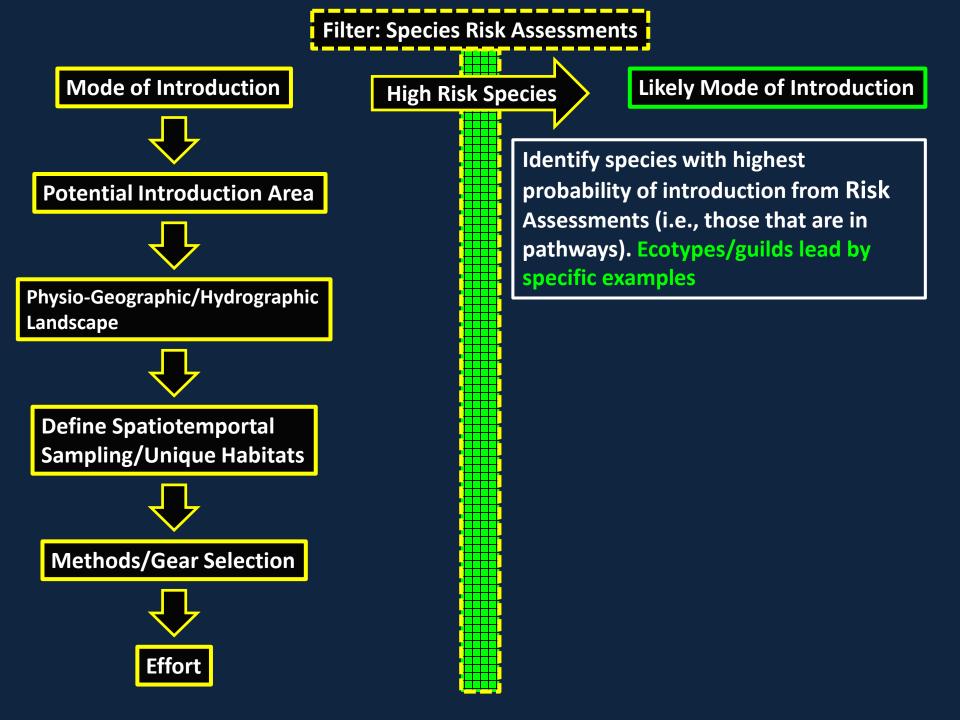
AIS Early Detection and Monitoring

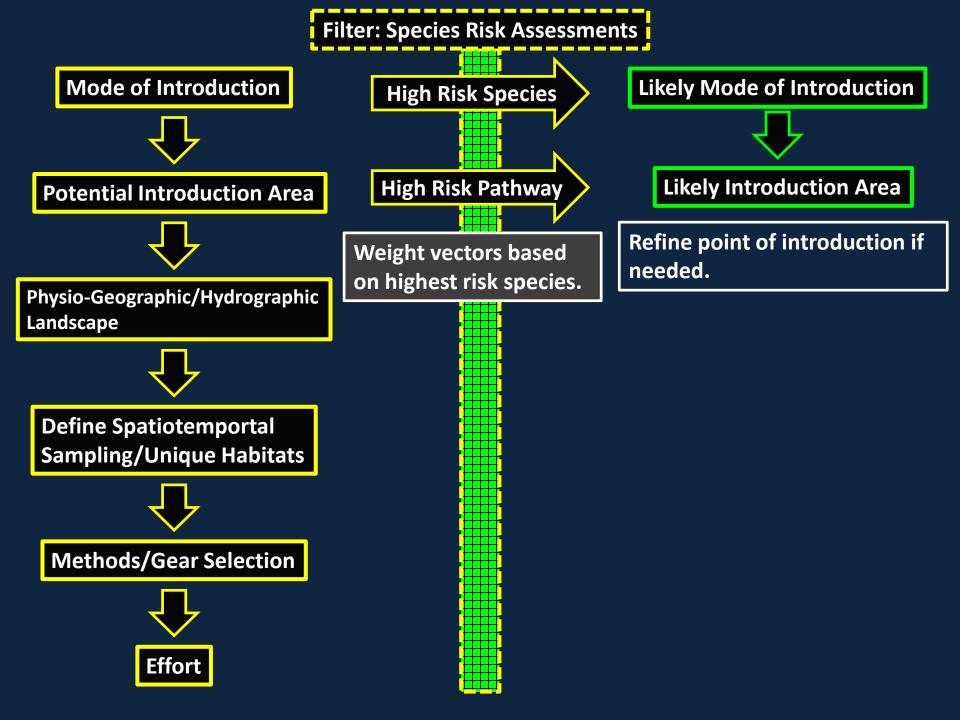
- USFWS AIS Early Detection Great Lakes Basin
 - Based on EPA MED/USFWS
 - Assemblage based approach, can be applied for single species
 - Adaptive and iterative process
 - Focus sampling effort from large to fine scale
 - Ecological/biological "screens"
 - Maximize sampling efficiency / detection probability

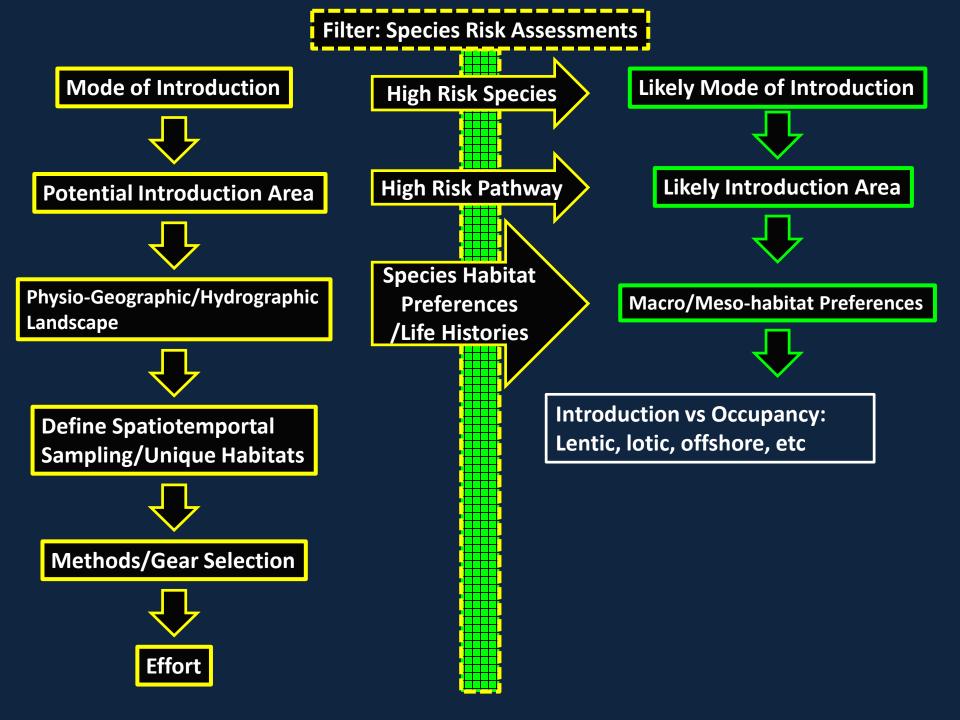


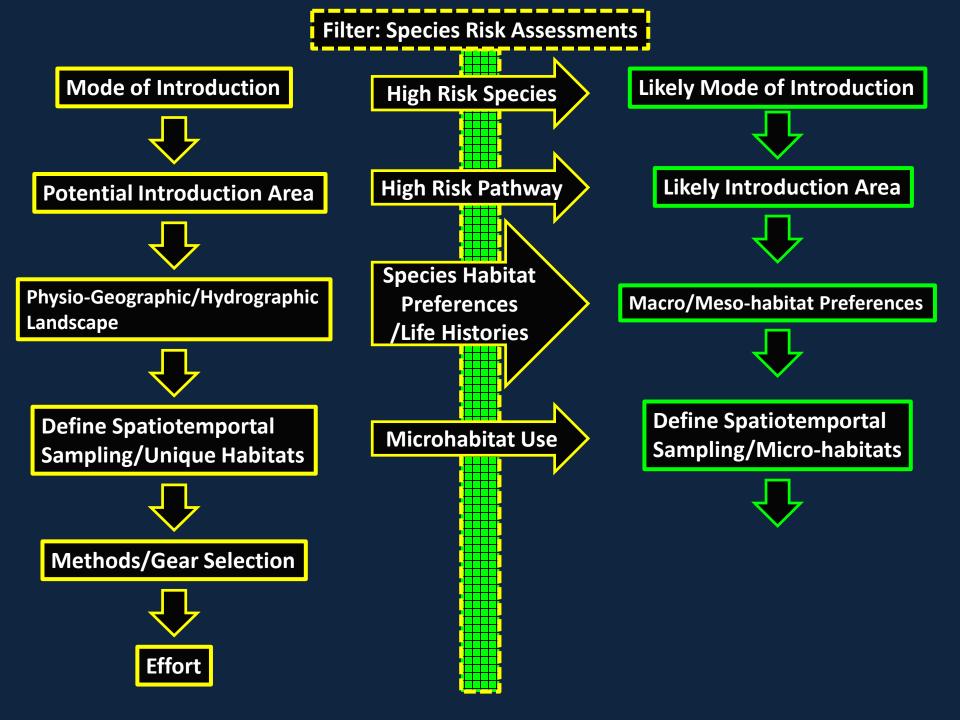
Generalized Assemblage Based Sampling Approach

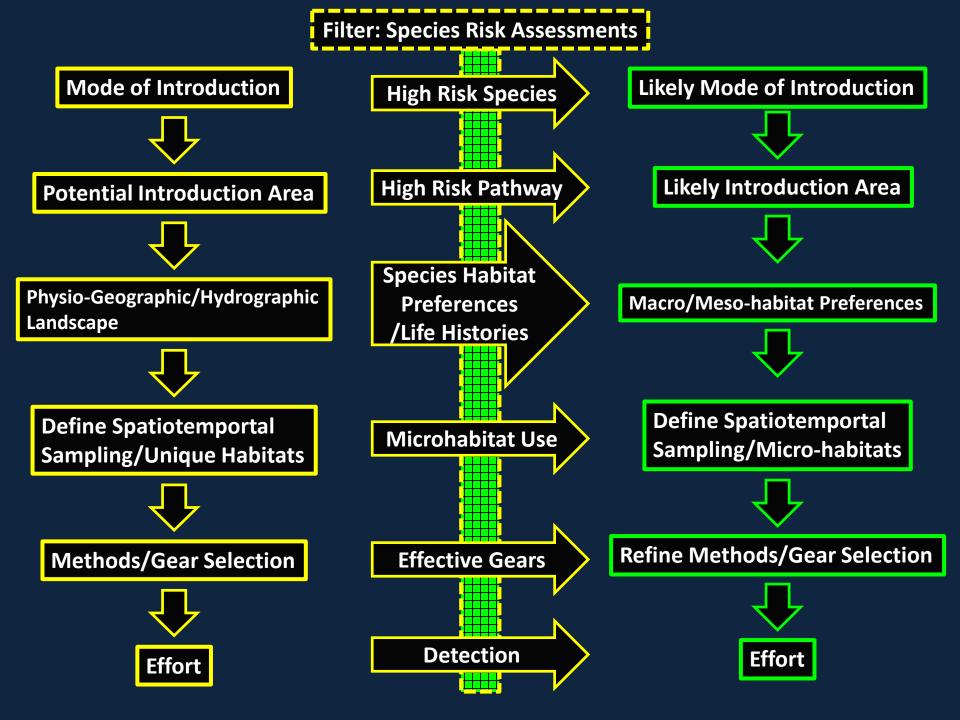












AIS Early Detection and Monitoring

- Assemblage Based Approach
 - Applicable Across Waterbodies
 - Adaptive and iterative process
 - Focus sampling effort from large to fine scale
 - Ecological/biological "screens"
 - Maximize sampling efficiency / detection probability