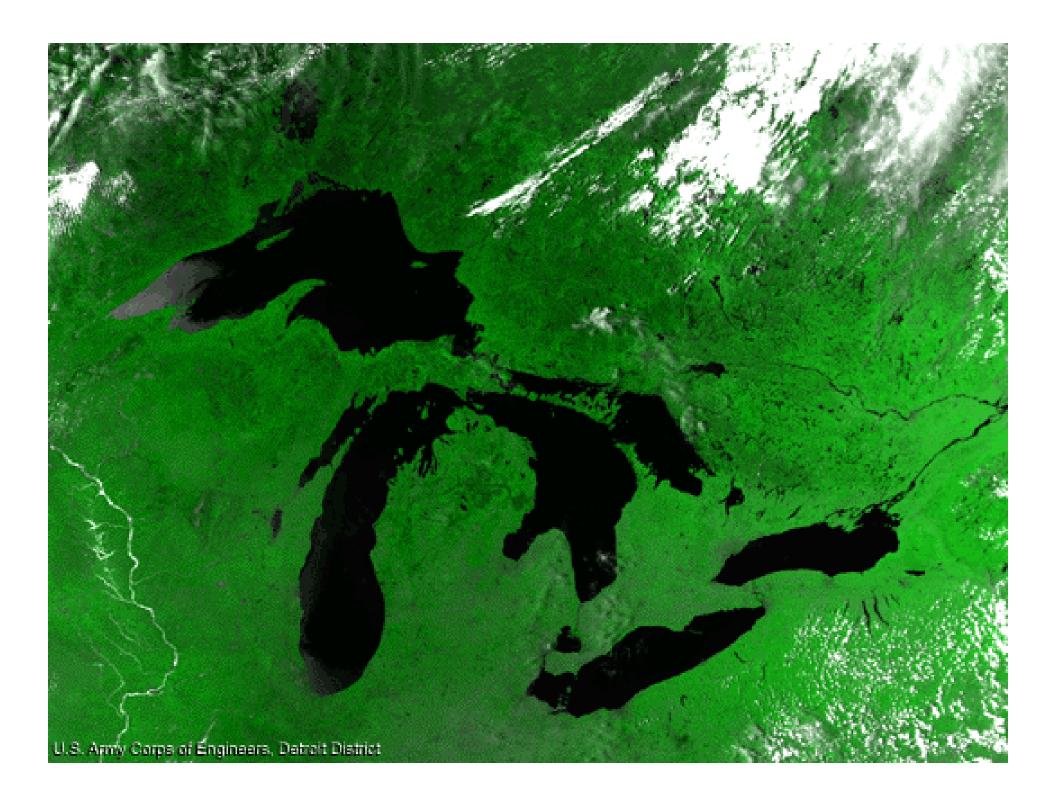
Great Lakes Indices: A Concept for Discussion

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US EPA
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Concept of Great Lakes Indices

- Consolidate several indicators into an index
- Look at related indicators together
- Provide simplified assessment of environmental conditions
- Simple numeric scale
- Visual cue

Great Lakes Indicator Example: Walleye in Lake Erie

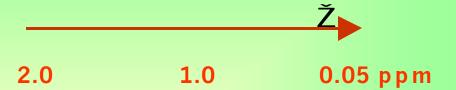
Contaminants in edible fish tissue

Abundance or yield

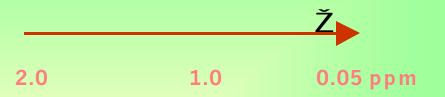
Preyfish

Habitat Availability

Contaminant Concentration in Edible Fish Tissue

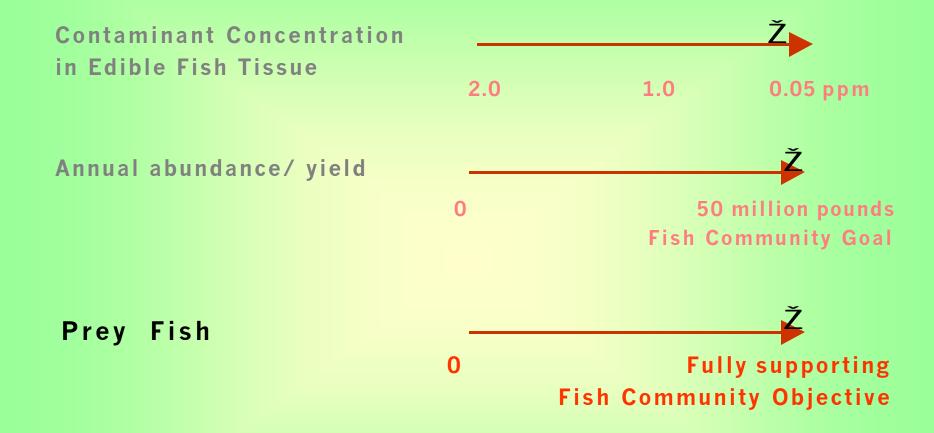


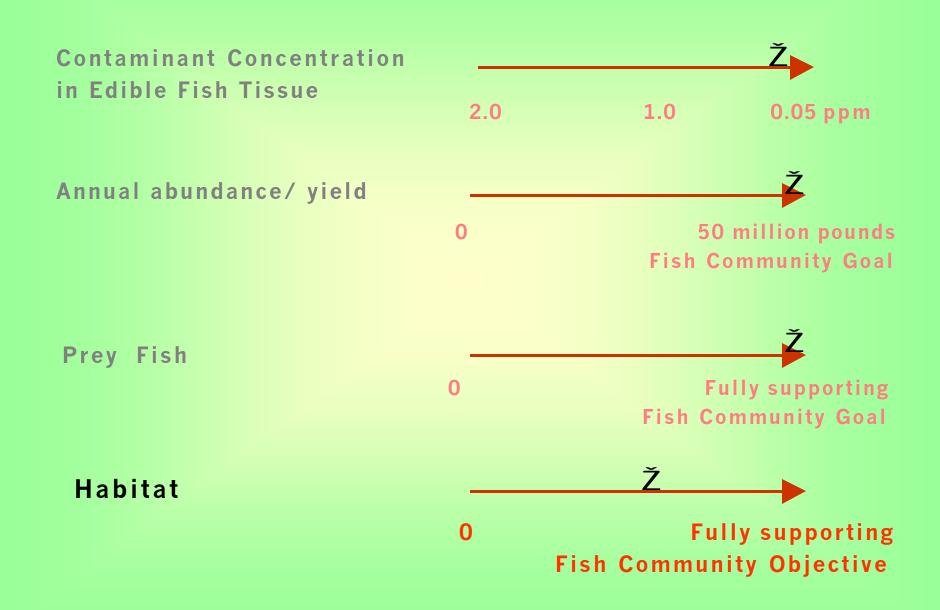
Contaminant Concentration in Edible Fish Tissue

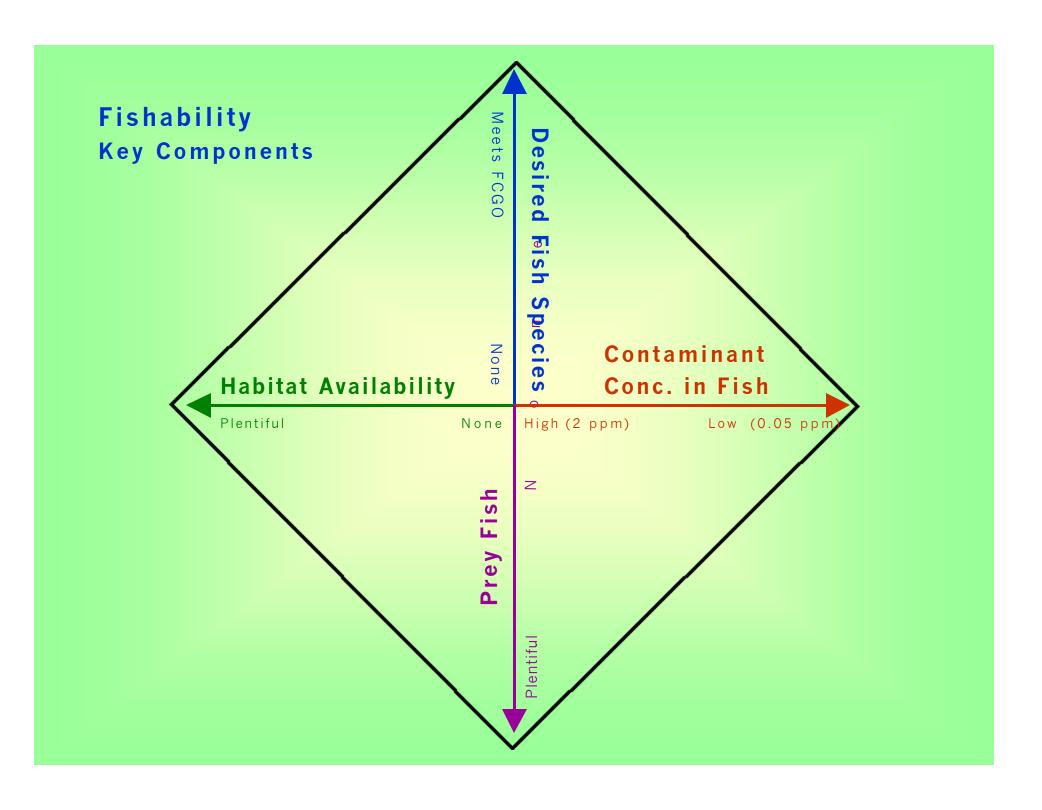


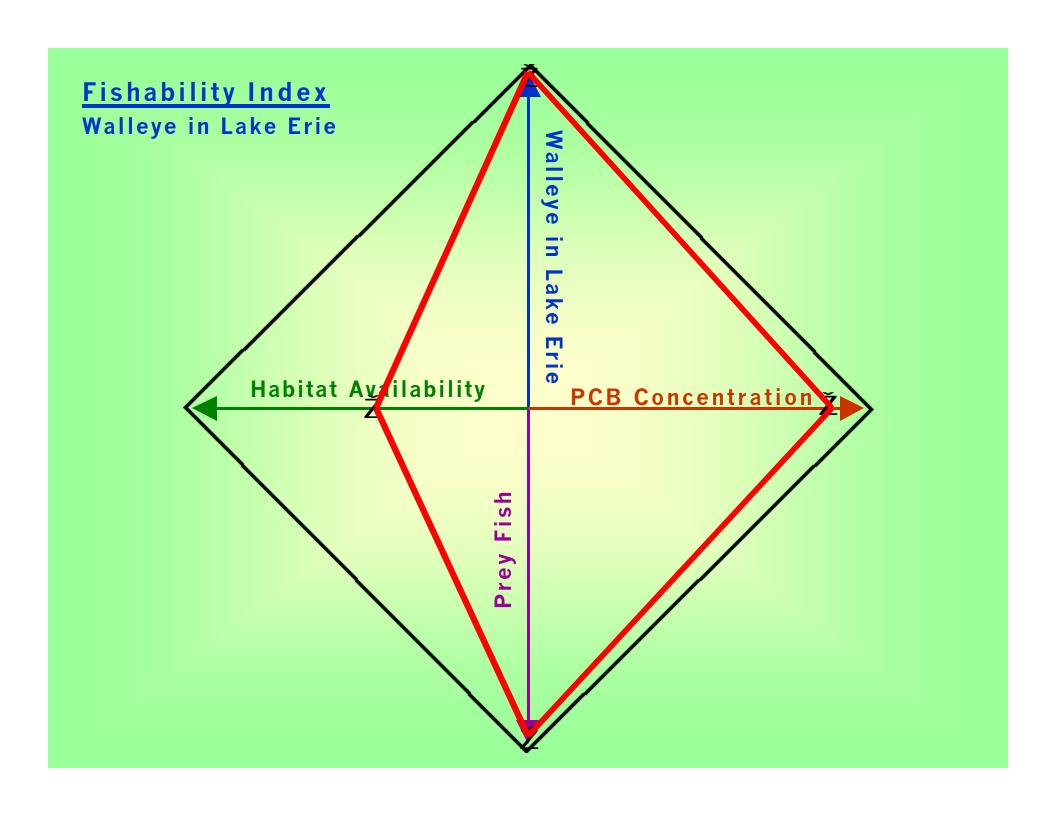
Annual abundance/ yield

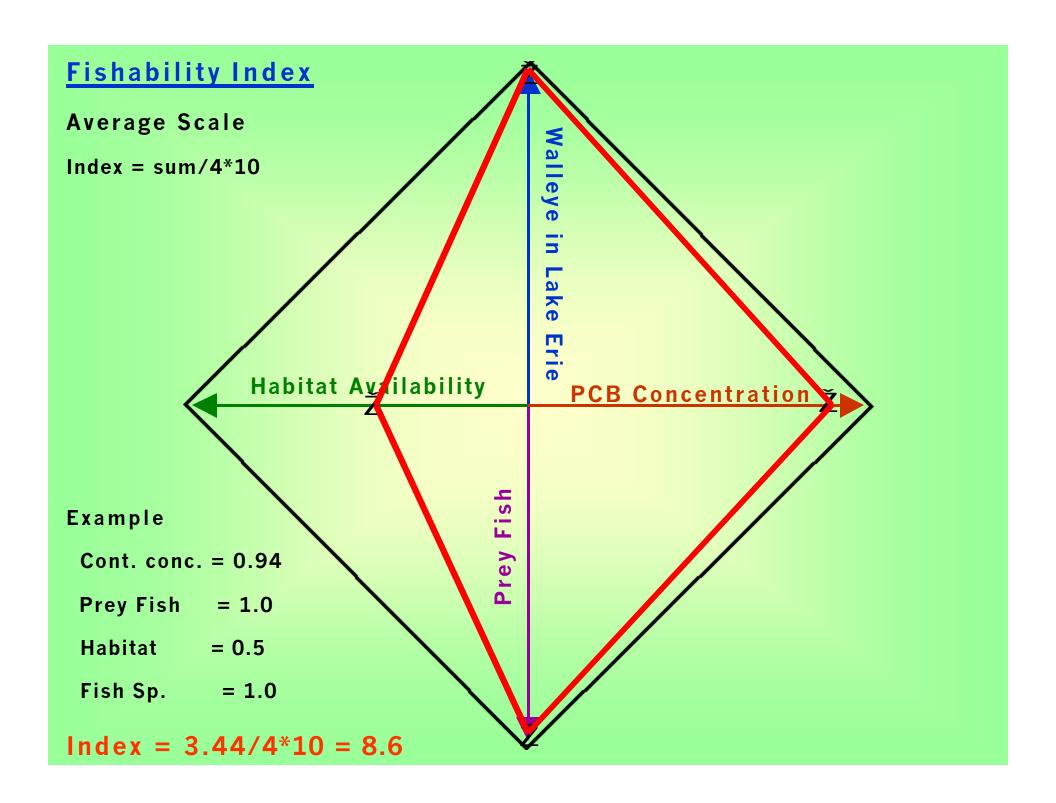
0 50 million pounds
Fish Community Objective

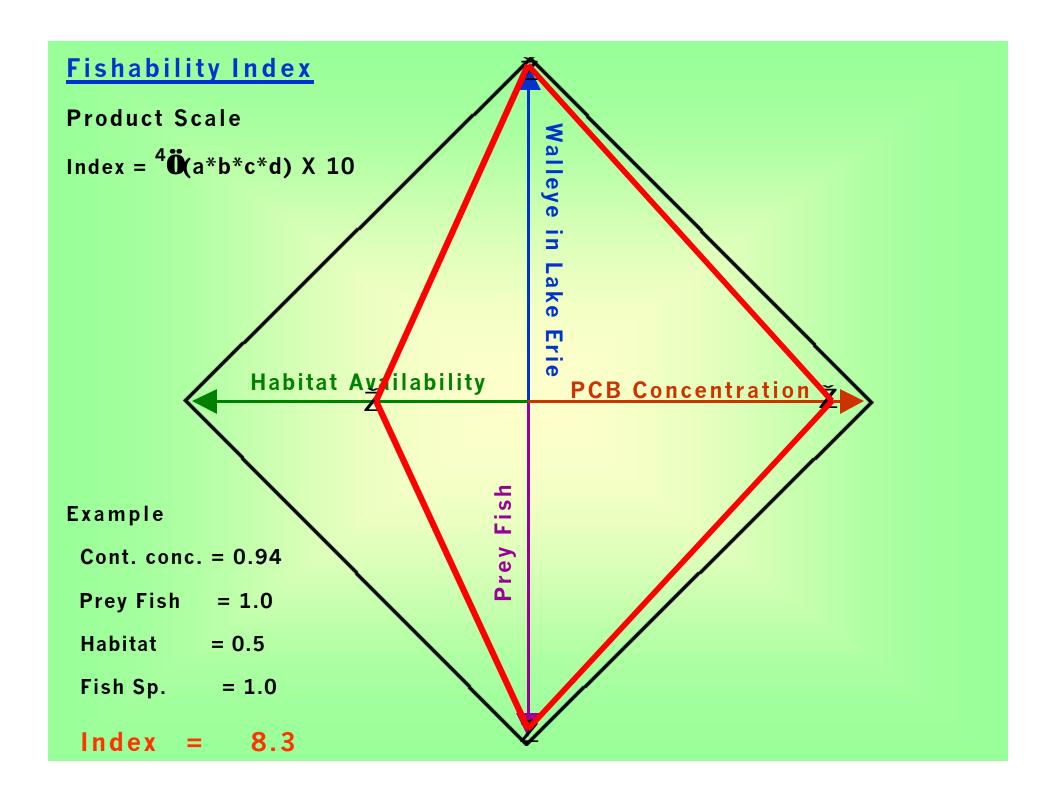




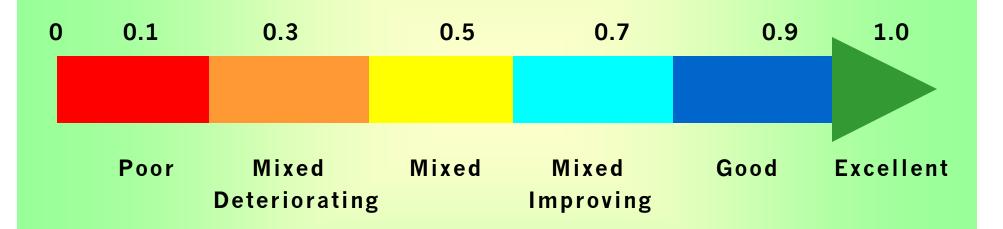






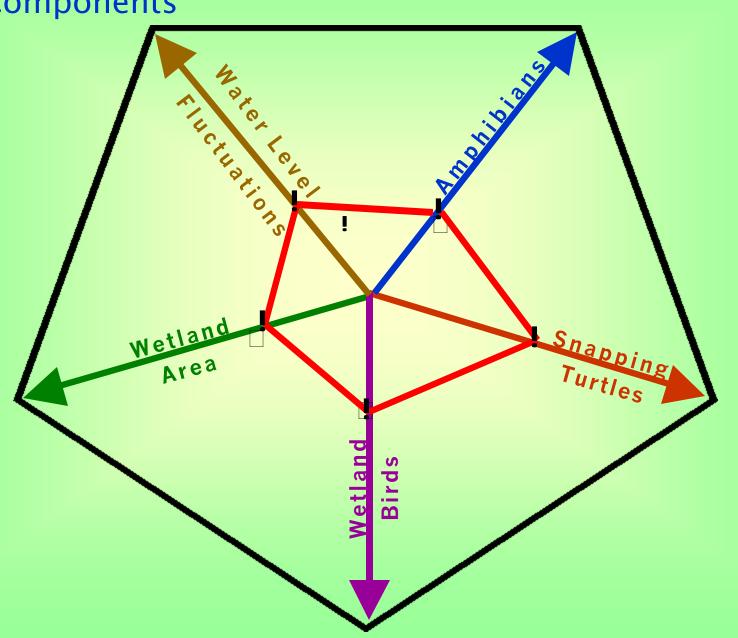


Index Scale for Qualitative Ratings



Wetlands

Key Components



Great Lakes Indices Questions for Discussion

- Is an index approach useful?
 - For managers?
 - For the public?
- What features should be in an index?
 - Numerical score?
 - Visual cue?
 - Others?
- What indicator groupings make sense?

