

Puget Sound River Sampling



King County

NBAW Nov 7, 2013

Jo Wilhelm, King County

Funded by a US EPA Scientific Studies and
Technical Investigation Assistance Program Grant

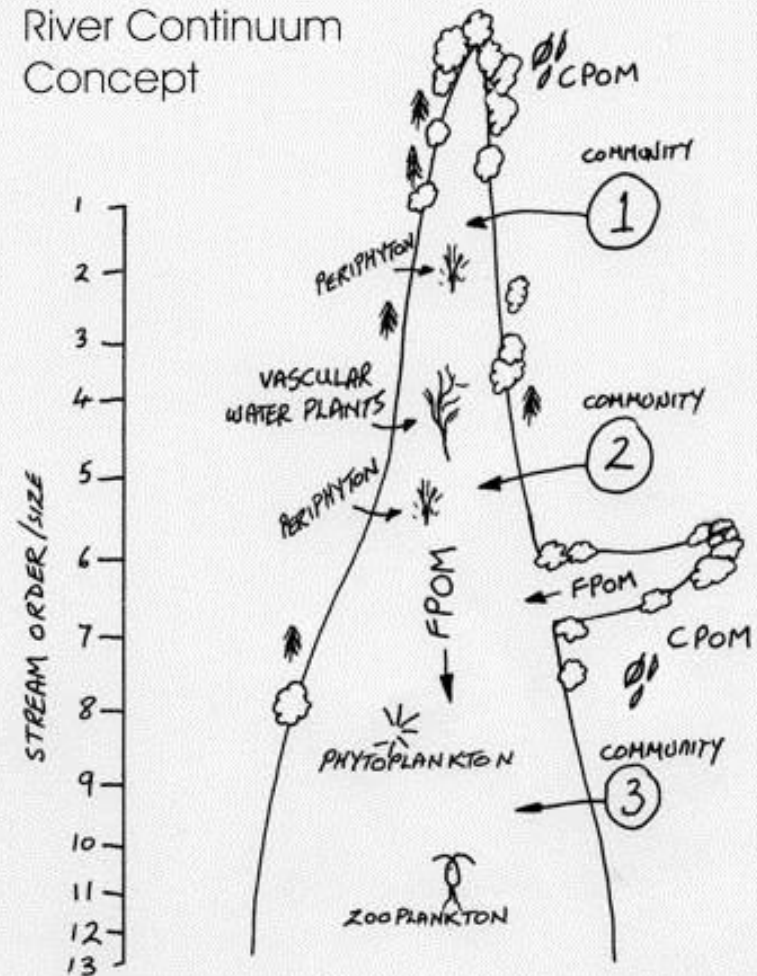


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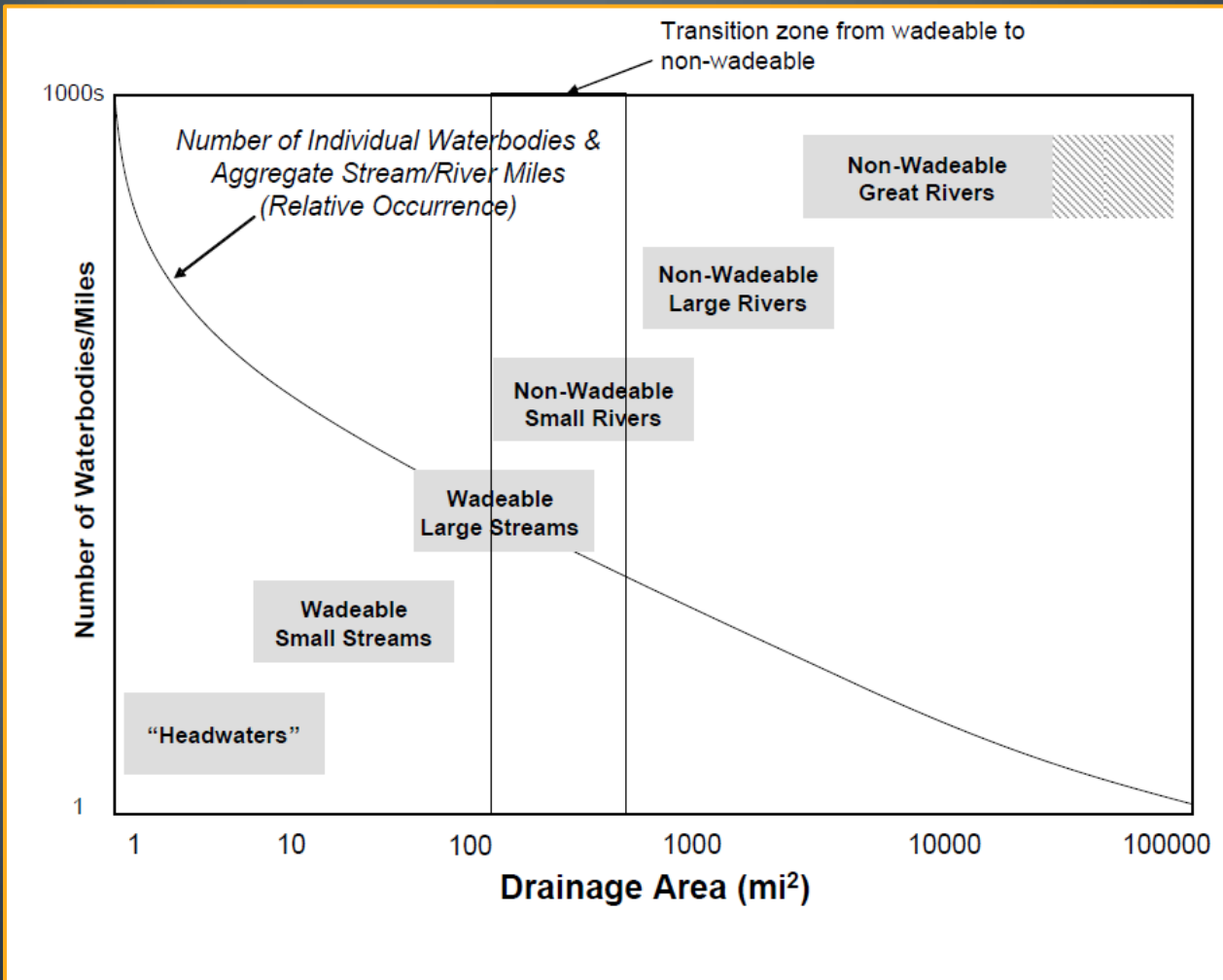
- 2013 pilot project
- Collection methods
- B-IBI applicability



River Continuum Concept



Wadeable vs. Non-wadeable Stream vs. River

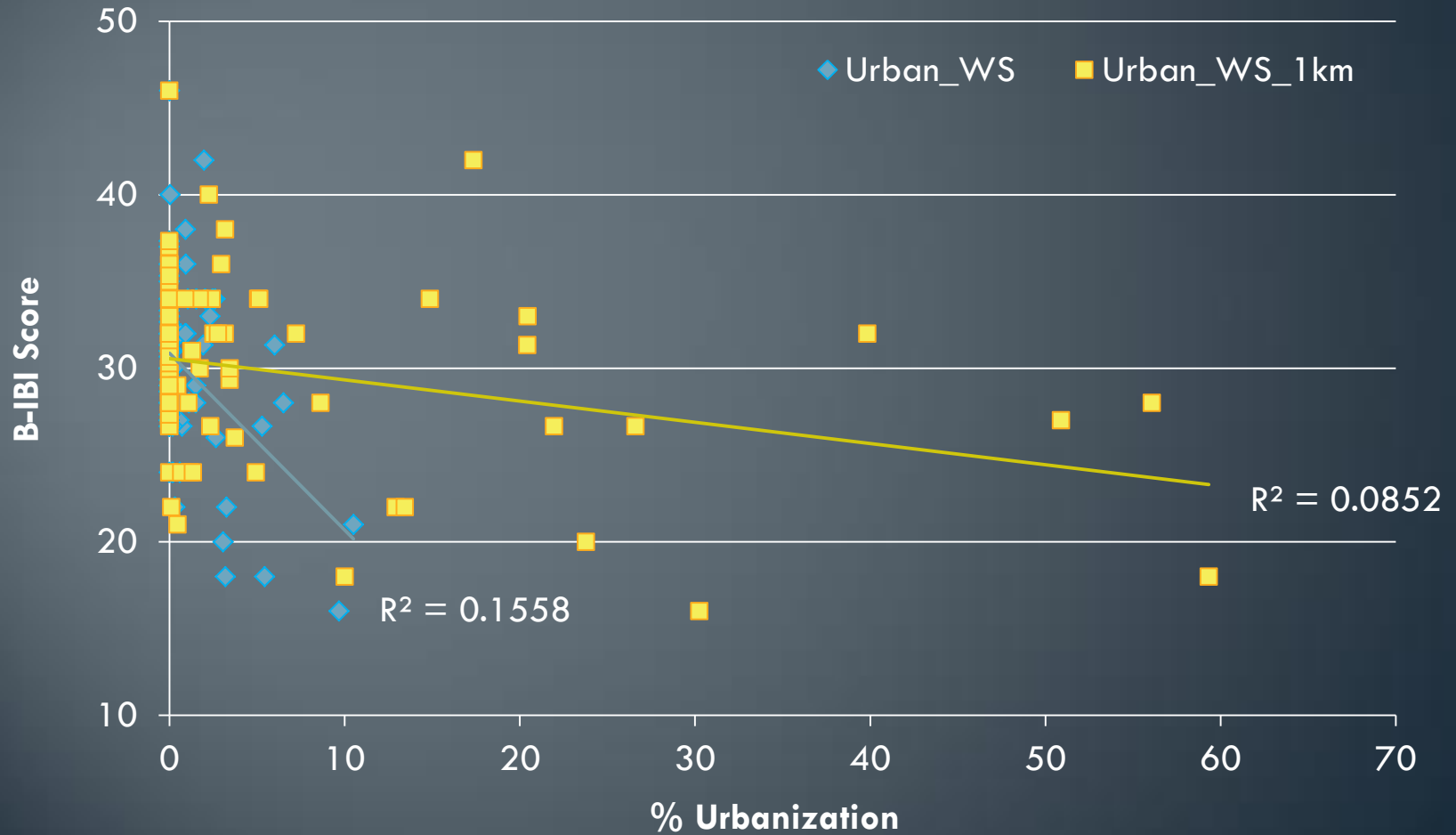


Skagit
Snohomish
Puyallup
Skykomish
Nooksack
Nisqually
Sauk
Stillaguamish
Snoqualmie
White
Duwamish/Green
Suiattle
Elwha
Skokomish
Sammamish
Dungeness
Cedar
Deschutes
Dosewallips
Samish

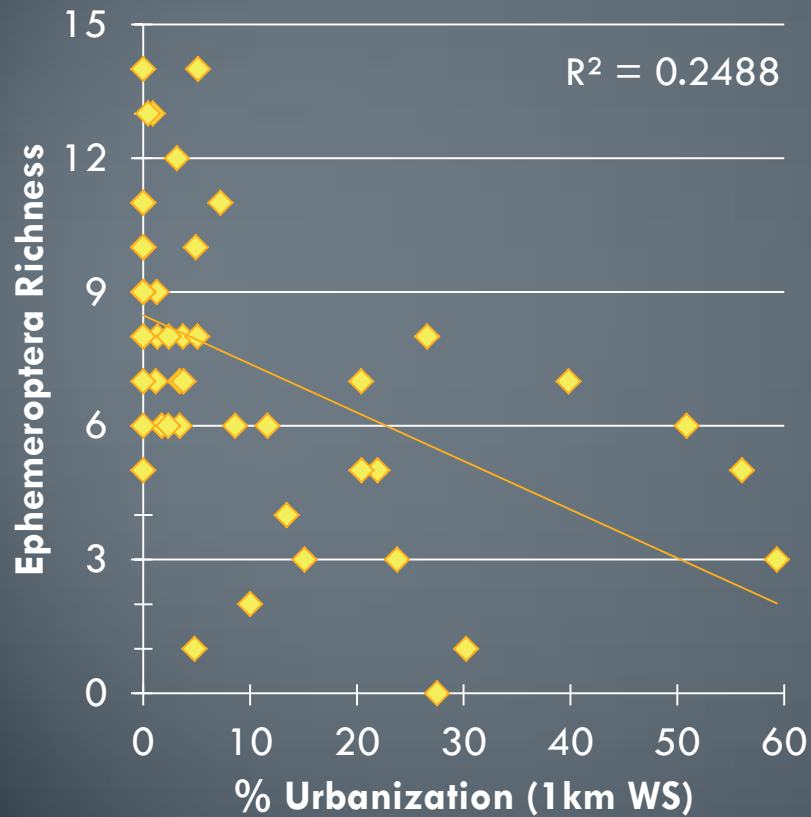
Delineation not discrete, a gradual transition

Flotemersch et al. 2006

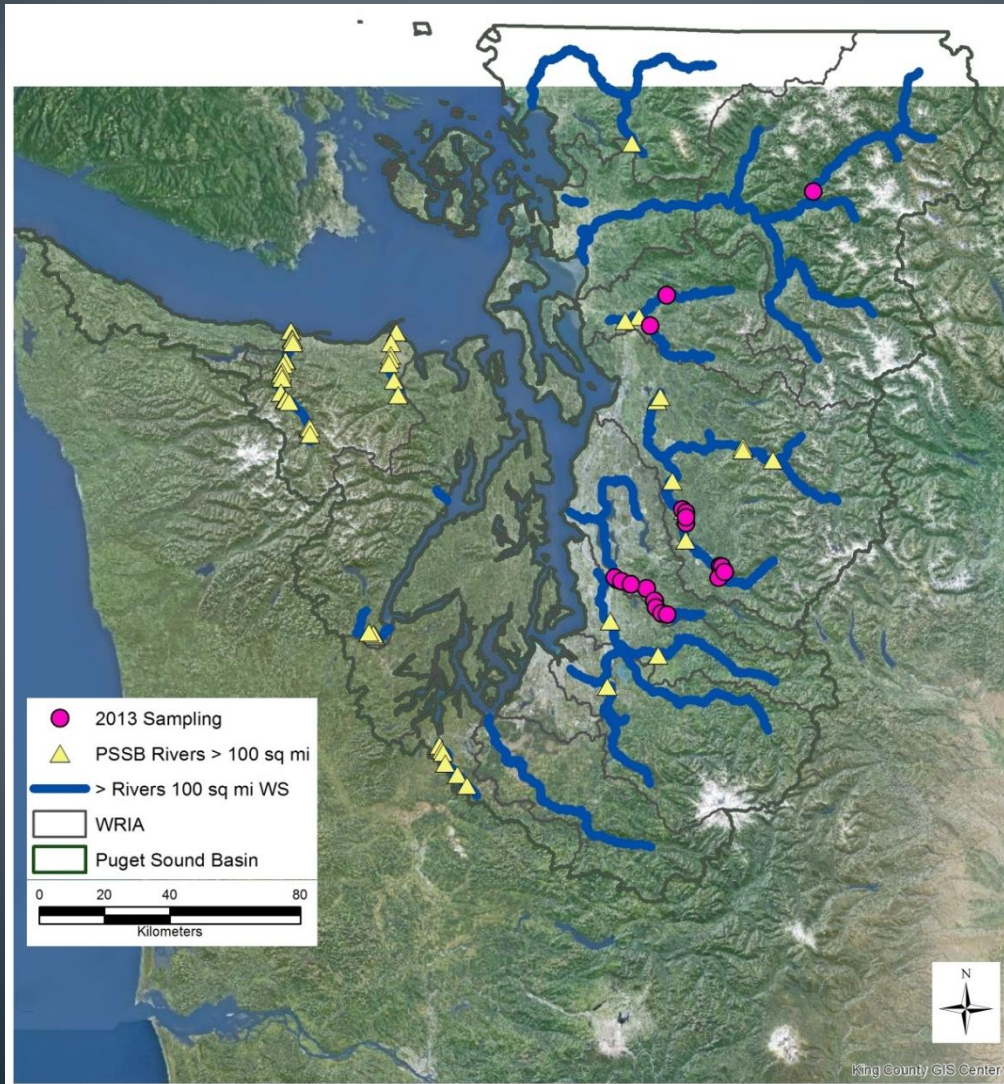
B-IBI Applicability?



B-IBI Metric Applicability?



Puget Sound River Sampling



- Sept – Oct 2013
 - 20 sites
 - 4 rivers
 - Many challenges, including wettest Sept on record
- Existing PSSB data
 - WS > 100 mi²
 - 52 sites

Next Steps

- Locate additional sites
 - USGS
 - NRSA
 - Puyallup/White 2012
 - NOAA
- Supplementary data
 - Landcover
 - Flow
- Test additional metrics
- Recommendations





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