

## Potential scientific investigations utilizing data from both programs

Biotic response to sediment gradient - GPS & Bio data
Biotic response to observed habitat complexity - Bio only
Effect of reach gradient on biotic or abiotic conditions - primarily Bio, but could be GPS in overlap areas
Water level in creeks - GPS & "channel flow status" in Bio data
Channel alteration (observed) vs. biotic conditions - Bio data
Riparian width/observed human impact vs. biotic conditions - Bio data
Effect of undercut presence & size on biotic conditions - GPS & Bio in overlap areas
Using photos vs. measured/observed - just as effective or too coarse?
Bank vs. in-stream vegetation - GPS
Canopy cover (GPS & Bio) vs. #trees (GPS)
Sediment particle size vs. bank hardening - primarily GPS