

# Road Map for Stream System Integrity

West coast research in the 1990s by Horner et al at the Center for Urban Water Resources Management in Seattle applied a systems approach and demonstrated that the order-of-priority for factors limiting ecological values of urban streams is:

LIMITING FACTOR 1: **Changes in Watershed Hydrology**  
*addressed thru the Water Balance Accounting Pillar*

LIMITING FACTOR 2: **Disturbance and/or Loss of Integrity of Riparian Corridor**  
*addressed through the Ecological Accounting Pillar*

LIMITING FACTOR 3: **Degradation and/or Loss of Aquatic Habitat within the Stream**

LIMITING FACTOR 4: **Deterioration of Water Quality**