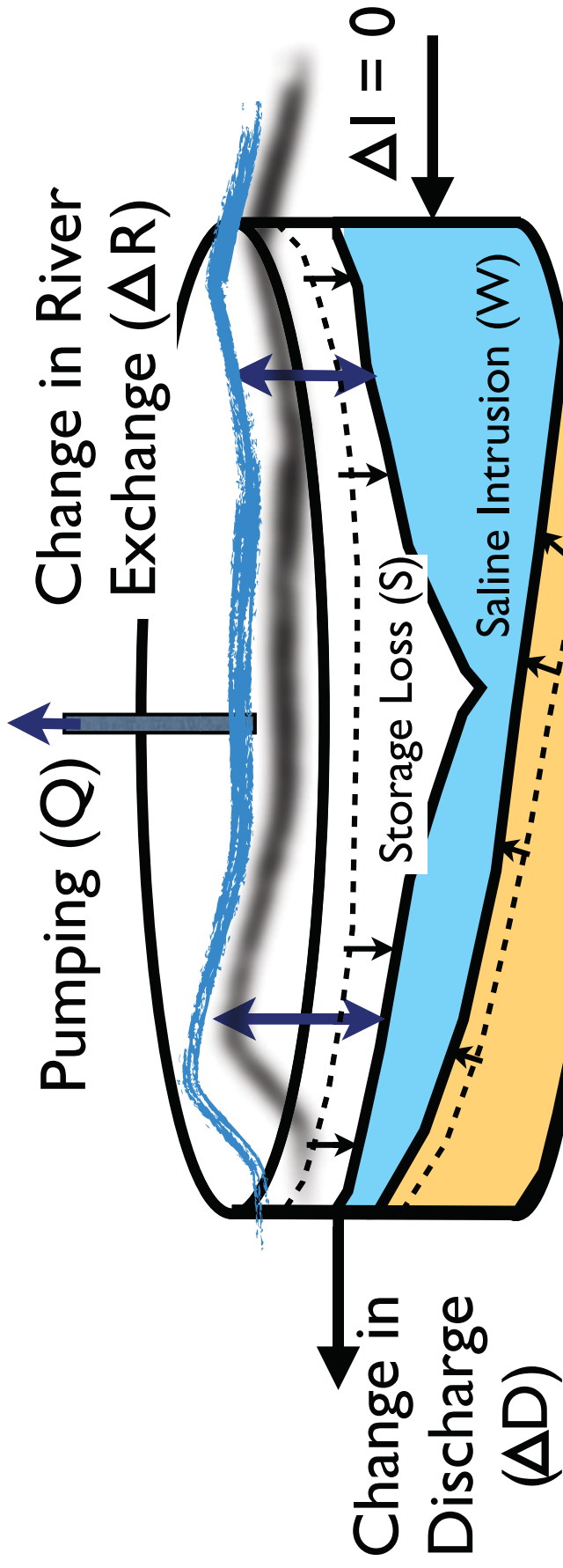


Pumping Extracts Water from Storage and Changes Fluxes in and out of the System



With pumping: $Q = \Delta R + \Delta D + S + W$

New Steady State: $Q = \Delta R + \Delta D$