|  |  |  |  |
| --- | --- | --- | --- |
| **Factors affecting**  **tradeoff between two**  **water budget variables** | **I - Q axis** | **Q - ET axis** | **ET - I axis** |
| **Physical, Structural &**  **Internal Design Factors** | * System capture volume or ponding depth * Contributing catchment area * Direct connection of impervious surfaces * Presence of drain * Presence of liner | * Presence of internal water storage zone or standing water * Particle size distribution * Particle surface chemistry * Media depth | * Planting density & species composition * Site management practices |
| **External, Site & Environmental Design Factors** | * Hydraulic conductivity of sub-base * Plant Establishment * Particle clogging * Event depth & intensity | * Season &  temperature * Groundwater table height | * Surface roughness or Initial abstraction |