EROSION PROTECTION AND SEDIMENT CONTROL BMP SELECTION PROCESS

**Sediment Control**
- Protect off-site areas
  - Trap Sediment
    - Temporary
    - Permanent
  - Filter Sediment
    - Temporary
  - Keep Sediment Off Roads
    - Temporary
    - Permanent
- Sediment Trap
- Check Dam
- Rock Sediment Dike
- Silt Fence
- Reinforced Silt Fence
- Storm Drain Inlet Protection
- Sediment Basin
- Rock
- Manufactured
- Sediment Tubes
- Filter Fabric/Sediment Tube
- Hardware Fab./Stone
- Block and Gravel
- Rigid Inlet Protection
- Surface Course
- Inlet tubes

**Runoff Flow Control**
- Managing storm water runoff
  - Manage Ground Water
    - Permanent
    - Temporary
  - Manage Overland Flow
    - Permanent
    - Temporary
    - Temporary Stream Crossings
  - Drainage Swales
  - Level Spreader
  - Diversion Ditches/Dikes
  - Pipe Slope Drains
- Construction De-watering
- Subsurface Drains
- Straw
- Hydro Mulching
- Wood Chips
- Composting

**Erosion Prevention**
- Control on-site soil-water interactions
  - Protect Ground Surface
    - Temporary
    - Permanent
    - Outlet Protection
  - Dust Control
  - Mulching
  - Bonded Fiber Matrix (BFM)
  - Flexible Growth Media/Matrix (FGM)
  - Erosion Control Blankets (ECBs)
  - Turf Reinforcement Mat (TRMs)
- Turf Reinforcement Mat (TRMs)

**Step #1**
Select Control Problem

**Step #2**
Choose Protection Strategy

**Step #3**
Longevity

**Step #4**
Select Specific Control Measure