



Department of Civil and Environmental Engineering  
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## Aquatic Environmental Science

### 4. Sediment and Habitat Dynamics

1. Particles
    - Dissolved and particulate
    - Inorganic and organic
  2. Sediment
    - Particle sedimentation
    - Wash load, bed material load, suspended load
    - Sediment dynamics in rivers
    - Erosion and sedimentation
    - Dynamics of river channels
  3. Habitat Structure and its Dynamics
  4. Environmental Problems and Management related to Sediment
  5. Exercise
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