

## Department of Civil and Environmental Engineering Yoshimura Chihiro

## 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