

4 June 2012

Department of Civil Engineering
2012 Summer Semester
Yoshimura Chihiro
Invited Expert: Dr Manabu Fujii

Aquatic Environmental Science

8. Kinetics

1. What is Kinetics?
 2. Equilibrium and steady-state
 3. Fast and slow processes in aquatic systems
 4. Important models for kinetics
 5. Factor influencing rate constant
 6. Sequential reaction
 7. Michaelis-Menten (Monod) reaction
 8. Scope of aquatic chemistry
 9. Exercise
-