

6 June 2016

Department of Civil Engineering
2014 Summer Semester
Yoshimura Chihiro
Invited Lecturer: 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
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