

Department of Civil Engineering
2010 Summer Semester
Yoshimura Chihiro

Aquatic Environmental Science

Outline #06 (24 May 2010)

1. Ecological risk assessment (ERA)
 - Important questions to students
 - A brief introduction to ecological risk assessment
 - Effect analysis and exposure analysis
 - Uncertainty factor (UF)
 - Risk evaluation
 - Non observed effect concentration (NOEC)
 - Water quality standard for zinc in Japan
2. Exercise
3. Report assignments