

4 November 2014

Department of Civil Engineering  
2014 Autumn Semester  
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*Water Quality Dynamics*

Outline #5: Model Application

1. Exercise
    - Ex-7, 8, 9, and 12
  2. General Procedure on Water Quality Model
    - Model formulation
    - Analytical and numerical solution
    - Model calibration and validation
  3. Difference Method
    - Finite difference / Finite element
    - Taylor expansion
  4. Exercise
    - Ex-13, 14, and 15
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