Homework # 2

CIVE 646 - Water Resources Systems: Planning and Management
(Fall 2011-12)

Topics: 4) Optimization

Textbook: Water Resources Systems Planning and Management: An Introduction to Methods, Model and Applications**,** Daniel P. Loucks & Eelco Van Beek, UNESCO Publishing.

Problems

Chapter 4:

     (4.24 Requirement: Use the given data to formulate a nonlinear programming model),
     (4.27),
     (4.28),
     (4.40, Requirement: Use the given data to formulate a linear programming model),
     (4.43)
     (4.45)

Matlab – Optimization Tool:

- Solve for Problems 24 and 45 using Optimization Tool of Matlab.

Given: Wednesday October 5, 2011

Due: Wednesday October 12, 2011

IMPORTANT NOTES
- Homework should be submitted on time.
- Use FE paper, staple, and submit in FEA folder.
- Homework should be clean, organized, and professional.

If you do not satisfy the above, your homework may be returned to you without grading.