

Assignment 2

The main purpose of this assignment is to put the student in the situation to think about implementation of practical steps in the process of water resources management. These problems are from the course textbook (Simonovic, 2009; page 61).

Problems**PART A (in class)**

Present your understanding of the practical steps for implementing water resources systems management discussed in Section 3.3 of the course textbook (Simonovic, 2009: page 56) for the following problems. In answering the question, be as real as possible (e.g. when listing alternatives provide real options; when mentioning data collection indicate all real data that you think is necessary; etc.).

1. Flood protection for the (fictional) community of Riverton, which experiences flooding every two to three years.

PART B (at home)

2. Long-term (next 50 years) water supply for the city of London.
3. Water quality management and regulation for the Province of Alberta.

Due Thursday, January 26, 2012