

Lakehead University: Department of Geography

Geography/Environmental Studies 4411: Water Sustainability Resources Management

Lectures/Seminars: Tuesday and Thursday

Time: 1300 – 1420

Room: RC 2003

Professor: Graham Saunders

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Office hours: Tuesday and Thursday 1430 to 1530 in RC – 2006C
(or by appointment)

Course content

Session: Fall 2014

This course will provide an overview of water issues with reference to the connections between water and social needs such as food, energy production and economic activities. and, transboundary water conflicts and co-operation, and human health. Topics include the qualities, values, and uses of water — consumptive and non-consumptive, economic and environmental; major regional and global water management issues; factors affecting water supply reliability and challenges to maintain and improve long-term quality and equitable service in different situations; and the ways domestic, industrial, and agricultural water users can conserve water. Major themes include water supply, water quality, hydropower and flood control Water resources management will be the focus of lectures, class exercises and tests and featured in seminars. The term research project may either be on a Canadian topic or on a more theoretical topic with international examples

Text Book

Bakker, K., Ed. (2007). *Eau Canada: The Future of Canada's Water*. Vancouver: UBC Press.

Course Evaluation

Two (2) Assignments/Briefings (2 x 10)	20
Two or three (2 or 3 x 5) in-class workshops	10 or 15
Midterm:.....	30 or 25
Independent Research Project: (Proposal 10)	40