

# EM 516 – Water Policy & Management

This course is built around the most recent United Nations World Water Development Report (UNESCO, 2006). It presents a comprehensive picture of global freshwater resources with an emphasis on the water-related targets of the United Nations Millennium Development Goals. Key issues include population growth and urbanization, changing ecosystems, food production, health, industry, and energy. Management challenges that are addressed include risk management, valuing and paying for water, and increasing knowledge and capacity. Case studies examine a variety of water resource challenges on global, national, and regional scales.

Reasonable accommodations will be made for students with documented disabilities. To receive accommodations, students must obtain a letter of accommodation from the Center for Disability Resources at IIT.

Scheduled reading assignments for the course are:

Week	Topic	Readings*
1	Introductions; Changing Contexts	Section 1
2	Changing Natural Systems	Section 2
3	Water for Human Health, Agricultural, Industry	Chapters 6, 7, and 8
4	Water for Energy; Managing Risks; Sharing Water	Chapters 9, 10, and 11
5	The Value of Water; Enhancing Knowledge and Capacity	Chapters 12 and 13
6	Case Studies	Chapter 14
7	Conclusions and Recommendations	Chapter 15
8	Final exam	-

\*UNESCO (2006) *The 2nd UN World Water Development Report: 'Water, a shared responsibility'*. This publication is available at their website

[http://www.unesco.org/water/wwap/wwdr/wwdr2/table\\_contents.shtml](http://www.unesco.org/water/wwap/wwdr/wwdr2/table_contents.shtml).

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