

66% of people will be facing water shortages by 2025. *Global conflict* will inevitably result.
-United Nations

20% of the World's surface fresh water supply lies in the *Great Lakes*.

95% of the United States' surface fresh water is in the Great Lakes.

Chicago takes **1,000,000,000** gallons of water a day from Lake Michigan and replenishes **0%**.

www.waterday2002.iaea.org/

www.epa.gov/greatlakes/basicinfo.html

Where Does Rainwater Go?

- 1 When it rains, water goes into the sewer system.
- 2 During heavy rain storms, the sewage system overflows and the water is diverted to the Deep Tunnel, which is an underground network of tunnels where combined sewage and storm water overflows are stored until the water can be treated.
- 3 Then the water and sewage are treated together at the Water Reclamation district.
- 4 The water is then emptied into the Chicago River, and it flows down to the Mississippi River.
- 5 When both the deep tunnel and the sewer overflow, it is eventually diverted back to Lake Michigan.

IPRO 322 Growing Water Fall 2008



Visit us at

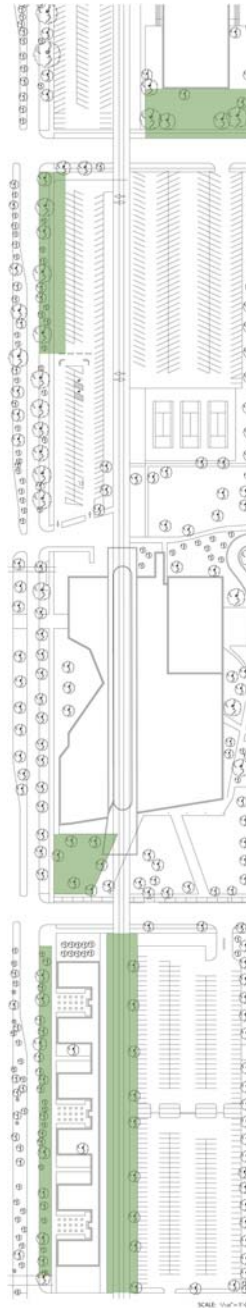
Growing Water.com
IPRO322

for more information!

What Are Our Goals?

- To raise awareness and to educate society about the state of Chicago water and the need to preserve and restore it.
- To build upon the educational catalog of sustainable methodologies and case studies.
- To select the best spaces for a prototype in the IIT community and to design the ideal best management practices (BMP) to use in the space selected.
- Collaborate with the IIT Sustainability committee and facilities to create the prototypes on the IIT campus that incorporates BMP's and psychosocial benefits.

Where?



Results

- Developed a systematic approach to selecting sites and evaluating each site.
- Chose five spaces on the IIT campus to implement BMP's and to educate the campus about water.
- Improved upon the amount of information on the website and changed the format to reflect this semester's work.
- Chose which BMPs to implement on each site.

Our Group:

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