

**URBAN PLANNING 692**  
**SECTION 001**  
**Fall Semester 2006**  
**Special Topics in Urban Planning**  
**Meeting: Wednesdays, 9 – 11:40 am**  
**Room 191**

**Mark Weaver**

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**PURPOSE OF COURSE**

To integrate environmental values-driven thought with selected planning principles, techniques and practices in the preparation of a Long Term Protection Strategy for the Cedarburg Bog. This plan will target the externalities surrounding the Bog that positively and negatively impact its functioning, and delineate strategies to not only reduce or eliminate the negative impacts but support the positive contributions to the long term viability and ecological function of the Cedarburg Bog.

**DELIVERABLES**

Individual and group studies, reports and contributions combined to result in the Final report: “A Cedarburg Bog Protection Strategy”.

**COURSE FORMAT**

- This is not a lecture course. It is primarily hands-on and participatory/interactive.
- The course will be structured but the iterative nature of our project will require us to be flexible in order to ensure a complete project in the end.
- My role is to set the environment for you to explore. I will facilitate discussion and help structure assignments.
- Your grades will be based upon the quality of your participation and quality of the products prepared for the final report.

**REQUIRED TEXTS**

- **Landscape Ecology Principles In Landscape Architecture And Land-Use Planning** (Paperback) by Wenche Dramstad, James D. Olson, Richard T.T. Forman, Harvard University Graduate School of Design (80 pages). \$25-
- **Green Infrastructure** by Mark Benedict and Ed McMahan. \$35-
- **Ozaukee County Land and Water Resource Management Plan (on reserve)**

**ON-LINE READINGS- ENVIRONMENTAL ETHICS (Most of this literature will be on reserve at the Meir Library). On-line chapters are italicized.**

- “A Sand County Almanac” by Aldo Leopold. *Wisconsin pp 101-124*
- “The Dream of the Earth” by Thomas Berry. *Ch 5 The Ecological Age.*

- “Desert Solitaire” by Edward Abbey. *The Heat of Noon- Rock Tree and Cloud. Pp 262-270*
- “The Ecological City” edited by Rutherford H. Platt. *Wetlands in the Urban Landscape of the United States. Pp 106-133*
- “Eco-Economy” by Lester Brown. *Ch 4. The Shape of the Eco-Economy.*
- “The Natural Step for Communities” by Sarah James and Torbjorn Lahti. *Chapter 1.*

## **OTHER RESOURCES**

- “Local Greenprinting for Growth” by The Trust for Public Land. On reserve.
- [www.smartgrowth.org](http://www.smartgrowth.org)
- <http://www.planning.org/sgreader/>
- “Cities in the Wilderness” by Bruce Babbitt. *Ch 1 Everglades Forever. Pp 13-54.*
- “Life Place” by Robert Thayer. *Ch 7 Planning.*

## **SUBMITTALS**

Much work will be submitted via the D2L portal. I’m still learning, so roll with me.

## **GRADING**

Attendance: 6% total. 5% per absence (or arrival more than 10 minutes after start of class)

Participation: 10%

Inventory and Introductory research: 20%

Analysis research: 20%

Strategy development research: 20%

Selected section final writing, editing, etc: 25%

Final Oral / Group Presentation: 10%

## **CALENDAR**

This calendar is iterative and is not all-inclusive. Additional work will be assigned periodically.

## **SEPTEMBER 6**

Course Introduction, syllabus review

Project description

Backcasting: Product outline development

    Purpose and Need

    Bog History and Function

    Bog Issues and Opportunities

    Project Scope

    Project Process

        Inventory

        Analysis

        Synthesis / Recommendations

## Maps, Strategies, Actions

### **SEPTEMBER 13**

Green Infrastructure (Benedict and McMahon)

Chapter 1: Why Green Infrastructure?

Chapter 2: The Green Infrastructure Approach: Principles from Past to Present

### **SEPTEMBER 20**

Green Infrastructure, continued

Chapter 5: The Basics of Network Design

Landscape Ecology Principles (Dramstad et al)

The whole thing.

### **SEPTEMBER 27**

Field Trip to the Bog and meet key Clients (Jim R, the Klines, Warren Clutter, Sauk Leaders.

Assignment: Social, environmental and economic aspects of the Bog

### **OCTOBER 4**

Mark gone

### **OCTOBER 11**

Field Trip to view the Bog Context, with Bill Niehaus of the Township of Saukville.

### **OCTOBER 18**

Green Infrastructure (Benedict and McMahon)

Chapters 3 and 4: Benefits and Where to Begin

Chapters 6 and 7. Implementation Quilt and Management Strategies

I

### **OCTOBER 25**

(Mark gone)

Guest facilitation (Joanne Kline and Brad Lenz)

Mapping begins

Introductory text complete-

### **NOVEMBER 1**

(Mark gone)

Mapping continues

### **NOVEMBER 8**

Draft mapping inventory and analysis complete

### **NOVEMBER 15**

Recommendations development

### **NOVEMBER 22**

Refinements

**NOVEMBER 29**

Refinements

**DECEMBER 6**

Presentation coordination

**DECEMBER 13**

Final Presentation to Clients