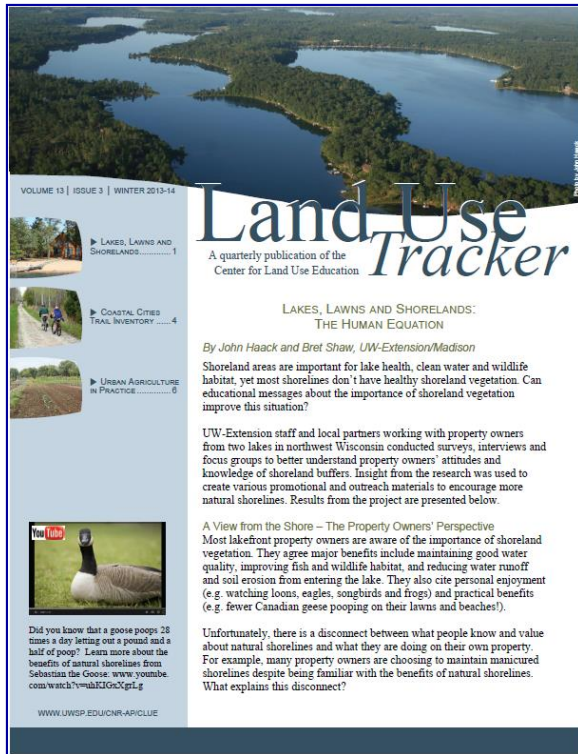


# Center for Land Use Education



- Plan commission workshops
- Zoning board workshops
- Zoning leadership
- Lakes convention
- Recent publications



Center for Land Use Education  
College of Natural Resources  
**University of Wisconsin-Stevens Point**

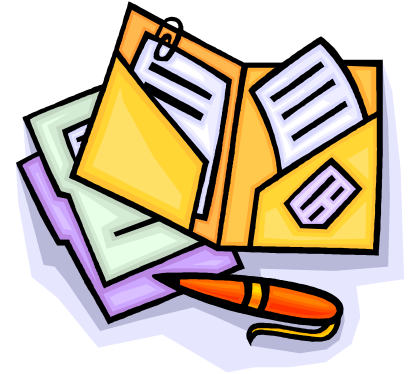
**UW**  
**Extension**  
University of Wisconsin-Extension

WCCA  
Fall 2015

Lynn Markham  
Center for Land Use Education

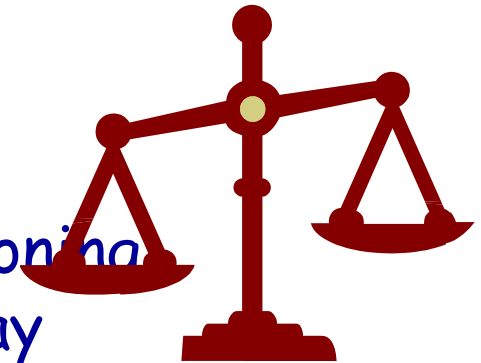
# Plan commission workshops

- Just completed 9 workshops around the state about updating comprehensive plans with WTA



# Zoning board workshops

- October 28 - Sheboygan
  - Focus on WHY we have specific zoning regulations; register by this Friday
- Northeast WI?
- Zoning board and plan commission workshops scheduled on request



# Zoning leadership



- Group of 8 people yesterday with good discussion and introduction to WCCA mentors
- Materials will be posted on CLUE or WCCA website
- WCCA Exec Board considering next zoning leadership program separate from WCCA conferences

# Shoreland zoning

As part of upcoming shoreland zoning all-day working sessions:

Develop laminated sheets to use at the zoning counter showing the science behind shoreland zoning

Reviewers?

# More Impervious Surface = Less Fish

Fish found in streams when impervious surface in the watershed was:

*Less than 8%*

*8 - 12%*

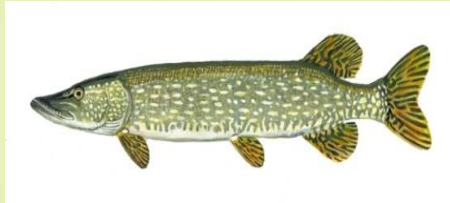
*Greater than 12%*

**More Impervious Surfaces in Watershed**

Iowa darter  
Black crappie  
Channel catfish  
Yellow perch  
Rock bass  
Horneyhead chub  
Sand shiner  
Southern redbelly dace

Golden shiner  
Northern pike  
Largemouth bass  
Bluntnose minnow  
Johnny darter  
Common shiner

Creek chub  
Fathead minnow  
Green sunfish  
White sucker  
Brook stickleback



Golden shiner  
Northern pike  
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Common shiner

Creek chub  
Fathead minnow  
Green sunfish  
White sucker  
Brook stickleback

2008 study  
of 164 WI  
lakes found  
the same  
trend

Creek chub  
Fathead minnow  
Green sunfish  
White sucker  
Brook stickleback

**Fewer species of fish**

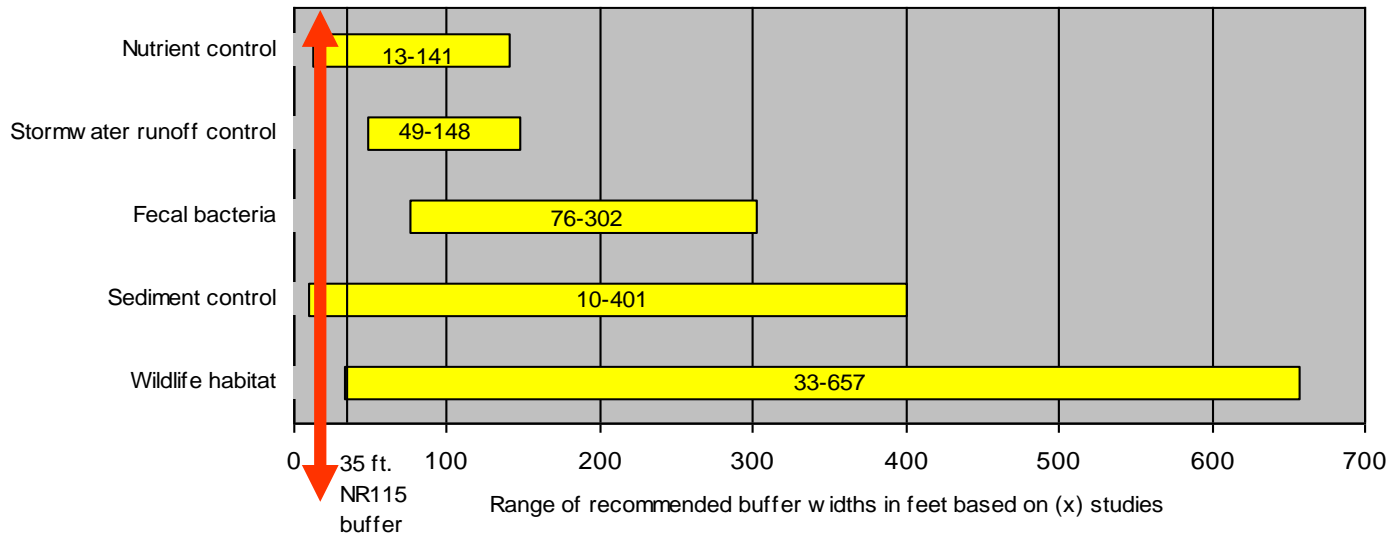
More impervious  
surface = Less fish

Reasons:

-Soil washed into  
water by runoff  
covers fish nests,  
killing eggs of  
walleye and  
smallmouth bass

-Warm runoff kills  
northern pike and  
trout

# Recommended Shoreline Buffer Widths A Research Summary



Review of 52 U.S. studies by Aquatic Resource Consultants, Seattle WA

## Shoreline buffers

-Hold  
soil/shoreline in  
place

-Keep phosphorous  
that feed algae  
and aquatic plants  
out of lakes

-Keep fecal  
bacteria from  
poop out of  
waterways (75'  
buffer is needed)



# WI Lakes Convention



Don't miss next year's Wisconsin  
Lakes Partnership Convention

**SAVE THE DATE!**

Wednesday - Friday  
March 30 - April 1, 2016

Holiday Inn and Convention Center  
Stevens Point





Recent publications

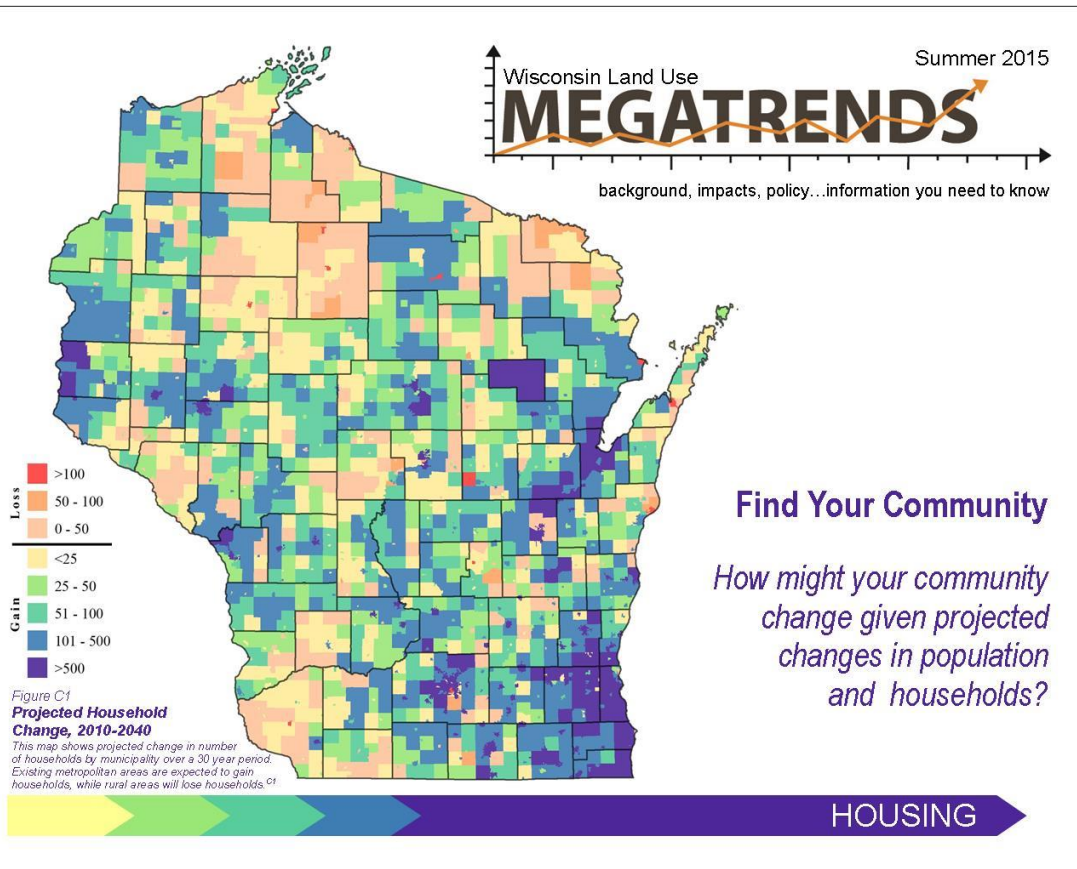
# Land Use Tracker

*Free newsletter from CLUE*

## *Summer 2015*

- A Closer Look at Local Government: The Who, What and How of Local Plan Commissions
- Statewide Parcel Database for Wisconsin Now Available Online
- Groundwater: Diminishing Resource, Increasing Conflict
- Calendar of Events

# Wis Land Use Megatrends



## *Housing - 2015*

- WI has the 2<sup>nd</sup> highest number of seasonal homes in the U.S. mainly in lake-rich areas

## *Water – Summer 2014*

- Water use
- Public & environmental health
- Economics
- Policies