

Resource Planning: Where and How do Shallow Lakes Fit In?

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Presentation Goal

Discuss where and how shallow lakes fit into the planning process within the context of:

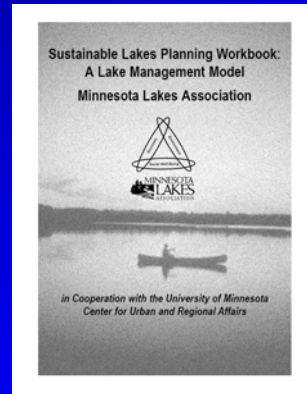
- LCCMR Statewide Conservation and Preservation Plan
- Sustainable Lakes Planning Workbook: A Lake Management Model



Sustainable Lakes Planning Project

Project Goal

To develop a *comprehensive lake management guidebook* that lake associations and communities could use to develop and maintain their own comprehensive lake management plans



Five Steps to Sound Decision Making

5. Implementation

4. Review & Approval

3. Ordinances & Regulations

2. Goals & Plans

1. Information & Analysis



Five Steps to Sound Decision Making



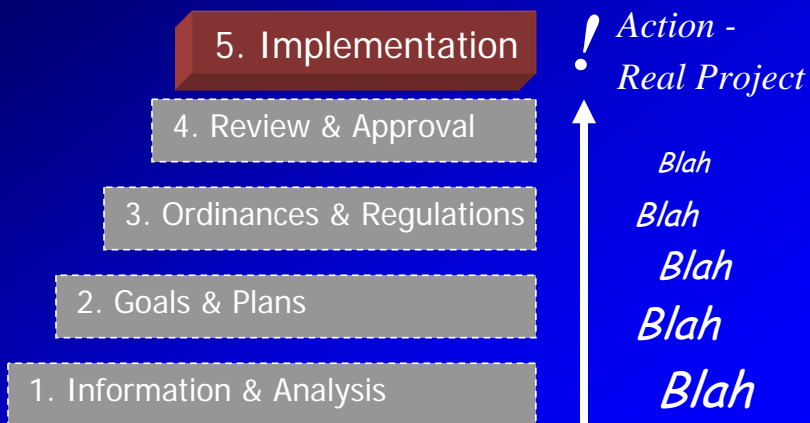
Let's Start at the End

5. Implementation

- **Implementation of final action is the only thing that actually affects the environment**
 - draw downs, restore drained lake, construction of riparian development
- All the other steps are just words
- What happens on the ground or in the water impacts shallow lakes
- Hire, train, support "implementation" staff



All the Other Steps Are Just Words



Each Step Depends on the Previous



Decisions Required at Each Step

- **Decision** to get and use good information
- **Decision** to formulate clear goals and plans (based on good information)
- **Decision** to draft clear, detailed ordinances/rules (based on plans)
- **Decision** to apply standards to project approvals (based on ordinance/rules)
- **Decision** to insist on implementation of project details (based on approvals)



1. Information & Analysis

- **Information, then opinions**
- Water quality, wildlife & fisheries habitat, etc.
- Soils, drainage, erosion, stormwater, etc.
- Septic system performance
- Recreational use
- Land use patterns and trends



1. Information & Analysis

- Analyze the natural systems in your area
- Government agencies provide research and outreach
- Good information needs to be transferred to the people making decisions



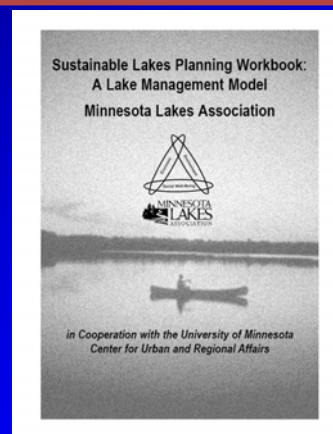
1. Information & Analysis

Biophysical Data

- Watershed Maps
- Lake Basin Maps
- Shoreline Parcel Maps

Social Data

- Property Owner Survey

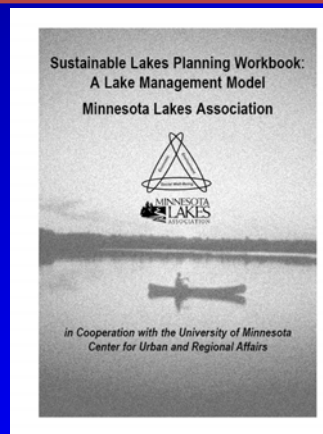


1. Information & Analysis



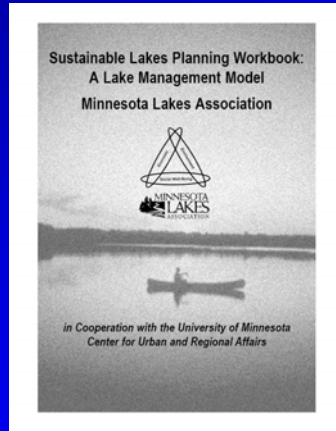
2. Goals & Plans

- **Initiate community support for the planning process**
 - Choose a public involvement strategy
 - Identify stakeholders
 - Commitment to the lake management plan
 - Commitment to implementing the plan

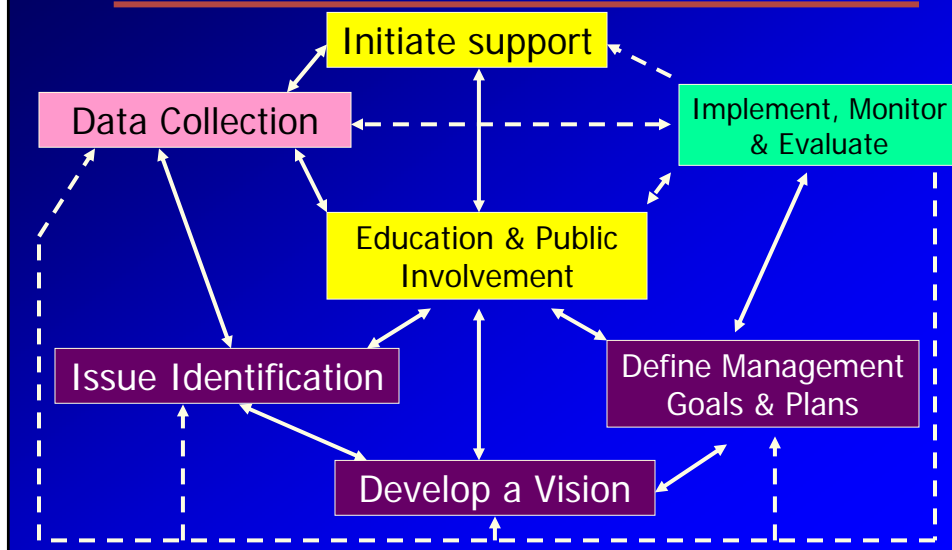


2. Goals & Plans

- **Informed opinions, clear strategies**
 - Identify issues and concerns
 - Develop a vision for the future
 - Determine your lake management goals
 - Create action steps and implement them (\$\$\$)



2. Goals & Plans



3. Ordinances & Regulations

- **Detailed legal tools, standards**
 - Based on Plans
- **Local Zoning & Environmental Ordinances**
 - Land uses, lot size, impervious surface, setbacks, riparian buffers, stormwater mgt., erosion/sedimentation control, etc.
 - Surface water use
 - Incentives for doing the right thing
- **Regulations**
 - Change to allow DNR to manipulate water levels



3. Ordinances & Regulations



Basic Principles:

- Health, safety, and welfare
- Democratic government
- Property rights
- Due process
- Authority limited to adopted ordinances & rules
- Reasonable use

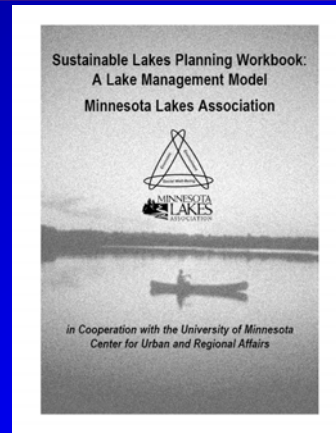


3. Ordinances & Regulations

Deer Lake

Lake Management Plan:

- One of 5 pilot lake management plans created through the project
- Deer Lake's Plan was incorporated into Itasca County's Comprehensive Plan and Ordinances

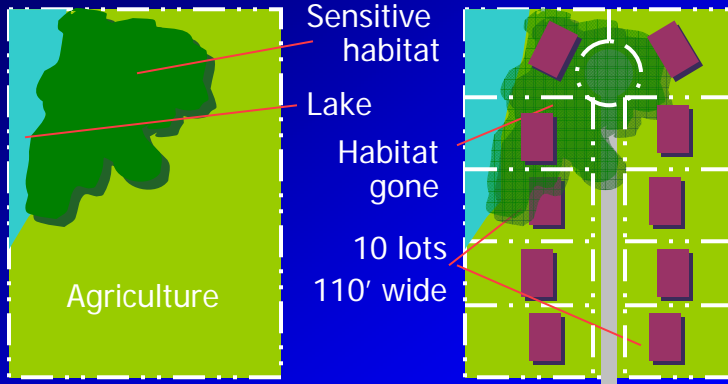


4. Review & Approval

- **Apply the standards to real projects**
- Authority is limited to what is in the ordinance & rules (not on-the-spot ideas)
- Staff review and analysis is essential
- Devil - or God - is in the details
- Political will is needed to follow the adopted standards
- PUD is a great tool – give and get



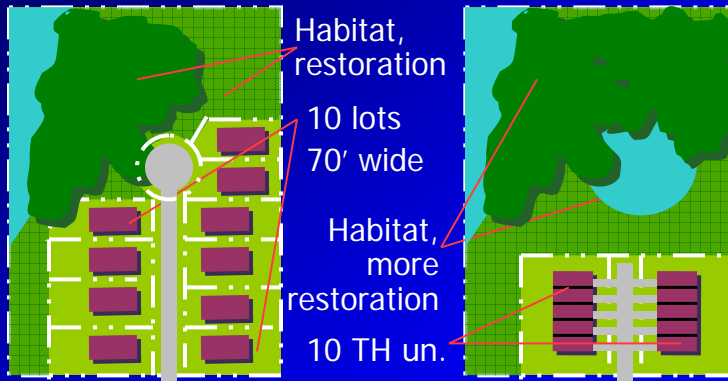
4. Review & Approval - PUD



Original Site – 5 ac.

Standard Plat

4. Review & Approval - PUD



Small Lot Plat

Townhouses

4. Review & Approval

- **A variance is permission to break the rules**
- Ask variance applicant - Why can't you meet our ordinance?
- If many variances are granted, review and/or change ordinance
- Allow reasonable use, but don't give away the farm

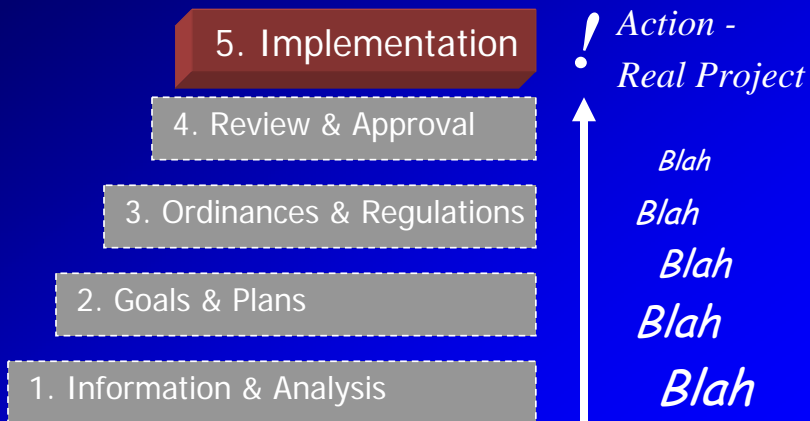


5. Implementation

- **All other steps are useless without implementation**
- Before - Careful review of approved plans
- During - Inspection of construction
- After - Enforce provisions after construction
- Code Enforcement Officer, Building Official, Conservation Officer
- Rely on tips, community education, provisions in development agreement



All the Other Steps Are Just Words



Each Step Leads to the Next





Great Lake = Great Community

Questions/Answers

Discussion

Bonestroo