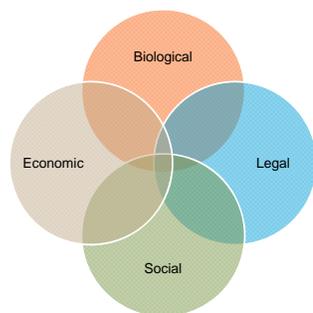


PLANNING FOR PEOPLE

Olivia LeDee, Ph.D.
ALC3184 - Climate Change Vulnerability Assessment
Lacrosse, WI
September 30-October 2, 2014

Planning Elements



The Challenge

- Decreasing civic engagement
- Increasing special interests
- Decreasing budgets
- High expectations
- Rapid information sharing
- Social media
- Globalization vs. local economy
- Change in social values
- Change in leisure time
- Conflicting mandates
-

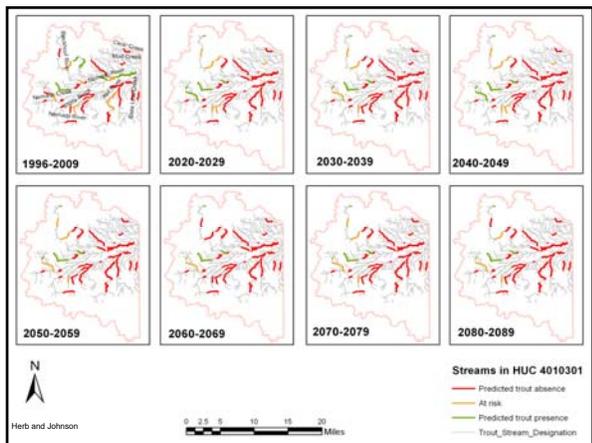


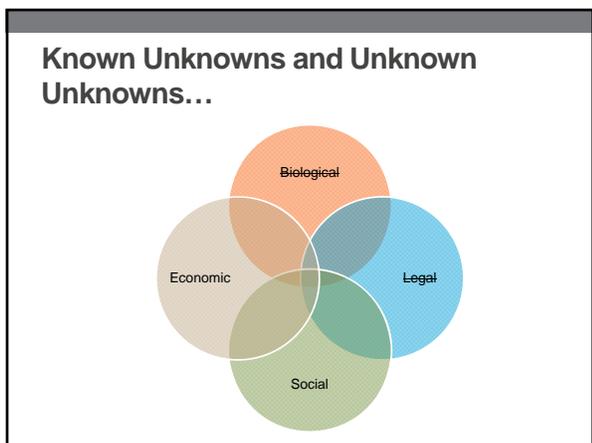
Expenditures of the Trout & Salmon Stamp Revenues

Fiscal Year 2003









Scenario Planning

What is it?
A tool to consider possible futures and identify strategic decisions.

For example, a flight simulator is a scenario planning tool: to 1) simulate various mechanical failures and environmental conditions and 2) build tools, knowledge and experience for the pilot to use when the actual conditions occur.

Managers can use scenario planning to identify information gaps, implement near-term strategies, and develop long-term efforts.

Scenario Planning

Why is it important?
Quantitative models can provide information on the types of climate impacts on a resource, but they cannot tell exactly when, where, or how they will occur.

They also do not capture other important, uncertain factors (e.g., economic resources, social/political support).

Because **models do not tell us what decisions to make and when to make them**, this is a process to deliberate the benefits and consequences of possible decisions.

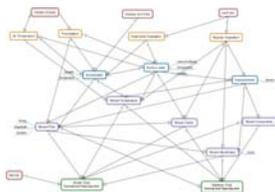
Scenario Planning

What is the process?

1. Identify and analyze the critical factors, trends, and uncertainties that may affect the resource
 - What are the management goals?
 - What are the abiotic, biotic and social drivers in the system?
 - What drivers are most important? What driver is most unpredictable?
 - What are possible management responses to imminent changes?
2. Develop plausible scenarios
3. Review scenarios (2-5) and consider management options, addressing opportunities and challenges

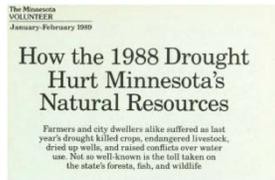
Part 1

- Small Team
- Guest Presentations (History of Management, Hydrology, Projected Changes)
- Conceptual Network: key drivers/uncertainties
- PEST+ analysis
- Quadrant mapping



Part 2

- Created 5 narratives based on part 1:
- Disease outbreak
 - Mega drought
 - High timber harvest
 - Shift to clean water/non-angling interests
 - Best possible future



Part 3

- 1.5 hr per scenario
- Considerable time for action items and next steps



What's next...



National Geographic
