

Dealing with Risk, Uncertainty and Local Capacity for Change.

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Purpose of Workshop

1. Introduce concepts central to risk management.
2. Identify resources that may be used in building local capacity.
3. To encourage discussion among local leaders on feasible strategies and ideas.

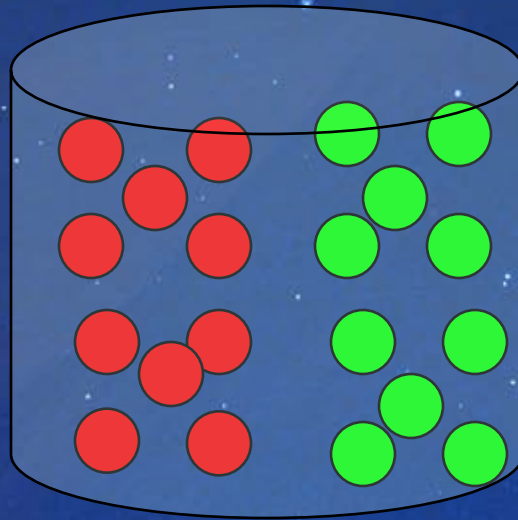


Key Concepts

- Risk = the probability of an event occurring times the impact of the event occurring.
- Probability = the likelihood or chance that something is the case or will happen.
- Uncertainty = The state of having limited knowledge such that it is impossible to exactly describe an existing state or future outcome.

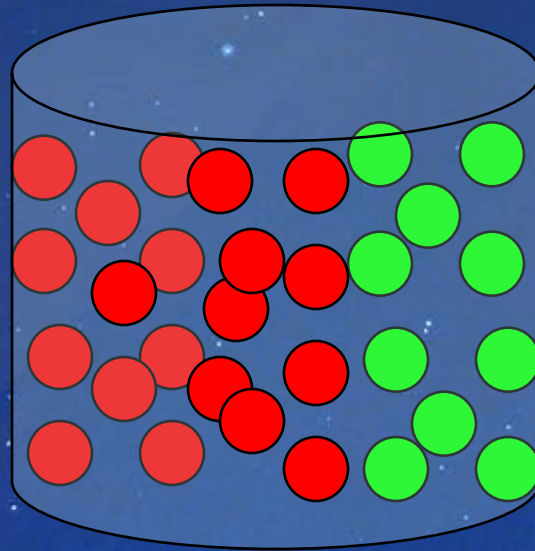


An Example



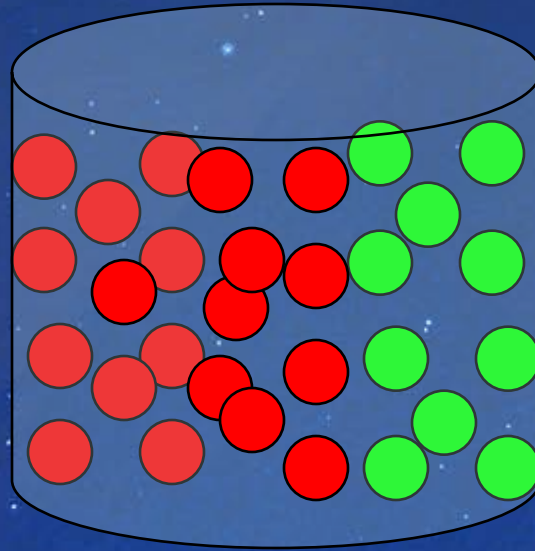
Would you be willing to bet that you could draw a green ball with one to one odds?

An Example



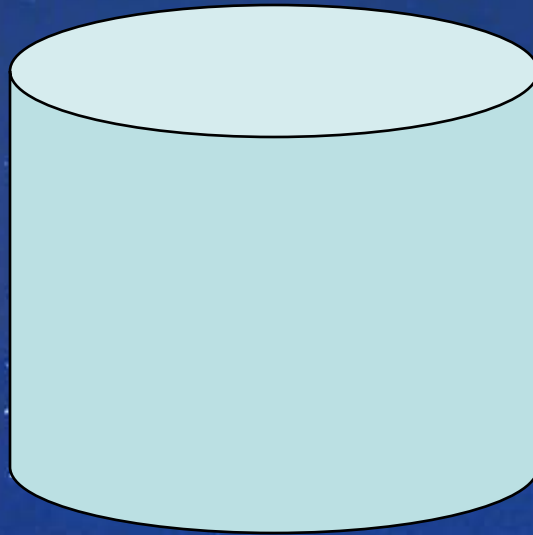
Would you be willing to bet that you could draw a green ball with one to one odds?

An Example



Would you be willing to bet that you could draw a green ball with two to one odds?

An Example



Would you be willing to bet that you could draw a green ball with one to one odds?

Climate Change

- Mitigation strategies work to reduce the causes of the climate change (GHG).
- Adaptation strategies attempt to lessen the impact or consequence of climate change events.

Most risk management efforts focus on adaptation strategies

Impacts of Climate Change in Wisconsin

Temperature Changes

Heat Island Impacts
Lack of snow
Pest dynamics
human health

Precipitation Changes

Drought
Flooding
Water quality

Extreme Events

Rain
Ice storms
Weather events



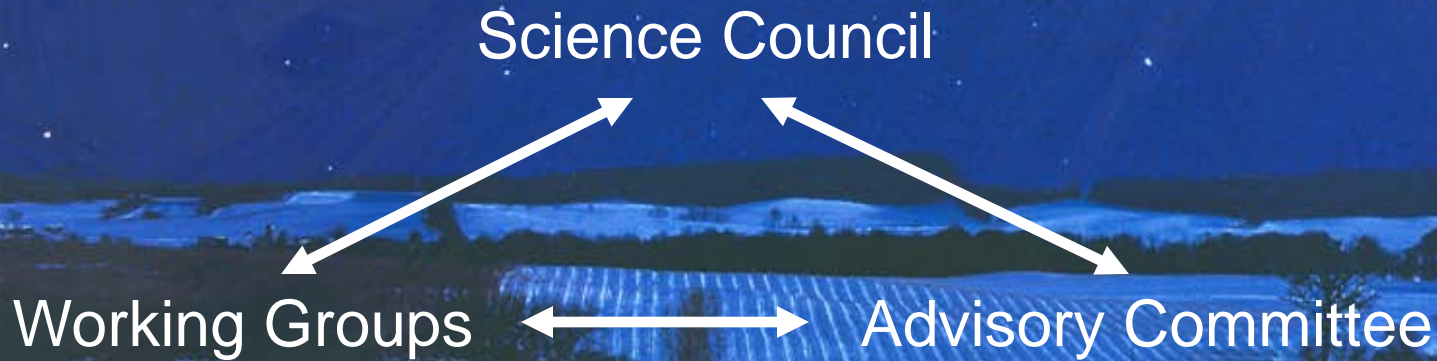




WICCI

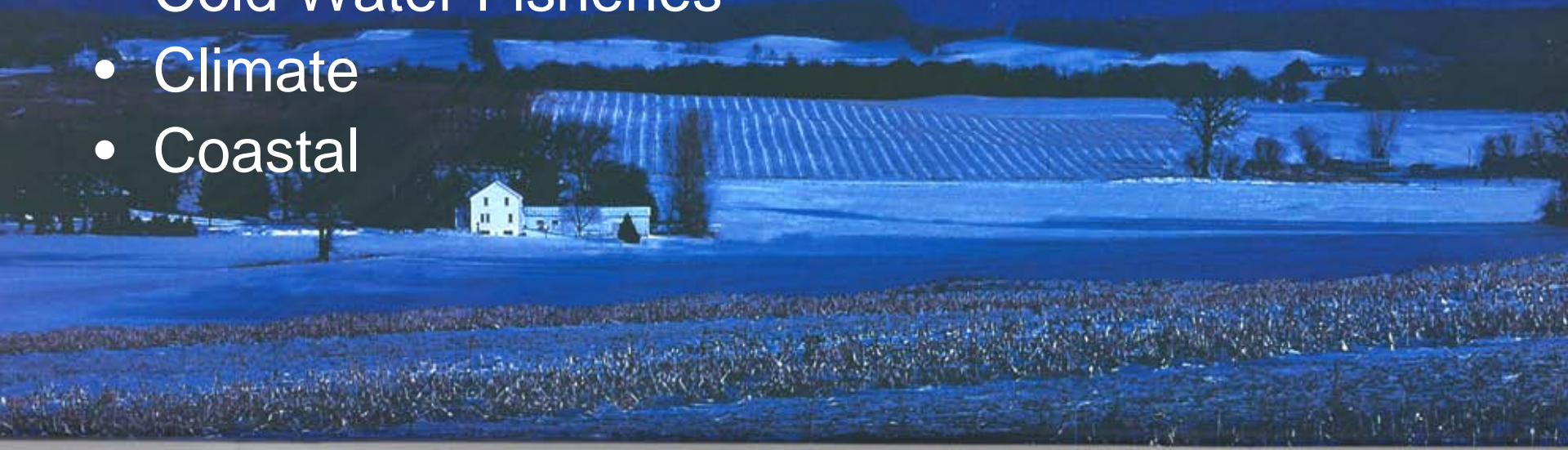
Wisconsin Initiative on Climate Change Impacts

<http://www.wicci.wisc.edu/index.htm>



WICCI Working Groups

- Forests
- Hydrology & Storm water
- Human Health
- Milwaukee
- Green Bay
- Cold Water Fisheries
- Climate
- Coastal



WICCI Advisory Committee

Wis. State Assembly

Wis. State Senate

Hunting & Fishing

Environment

Tribes

Manufacturing

Paper Industry

Insurance

Utilities

Energy

Dairy

Agriculture

Tourism

Urban

Health

Forestry

Municipalities

Rural/Towns

Transportation

Stormwater

Economic Development

Natural Areas

Wisconsin Conservation Congress

Natural Resources Committee

Env. & Natural Resources Comm.

Wisconsin Wildlife Federation

Clean Wisconsin

Great Lakes Intertribal Council

SC Johnson

Wisconsin Paper Council

American Family Insurance

We Energies

Office of Energy Independence

Prof. Dairy Producers of Wis.

DATCP

Wis. Environmental Initiative

Milw. Office of Env. Sustainability

Wis. Public Health Association

Wisconsin Council on Forestry

Wis. League of Municipalities

Wisconsin Towns Association

Wis. Dept. of Transportation

Wis. Assn. of Floodplain, Stormwater & Coastal Mgmt.

New North

Natural Areas Preservation Council Conservation

What can local officials do?

Open Discussion

