

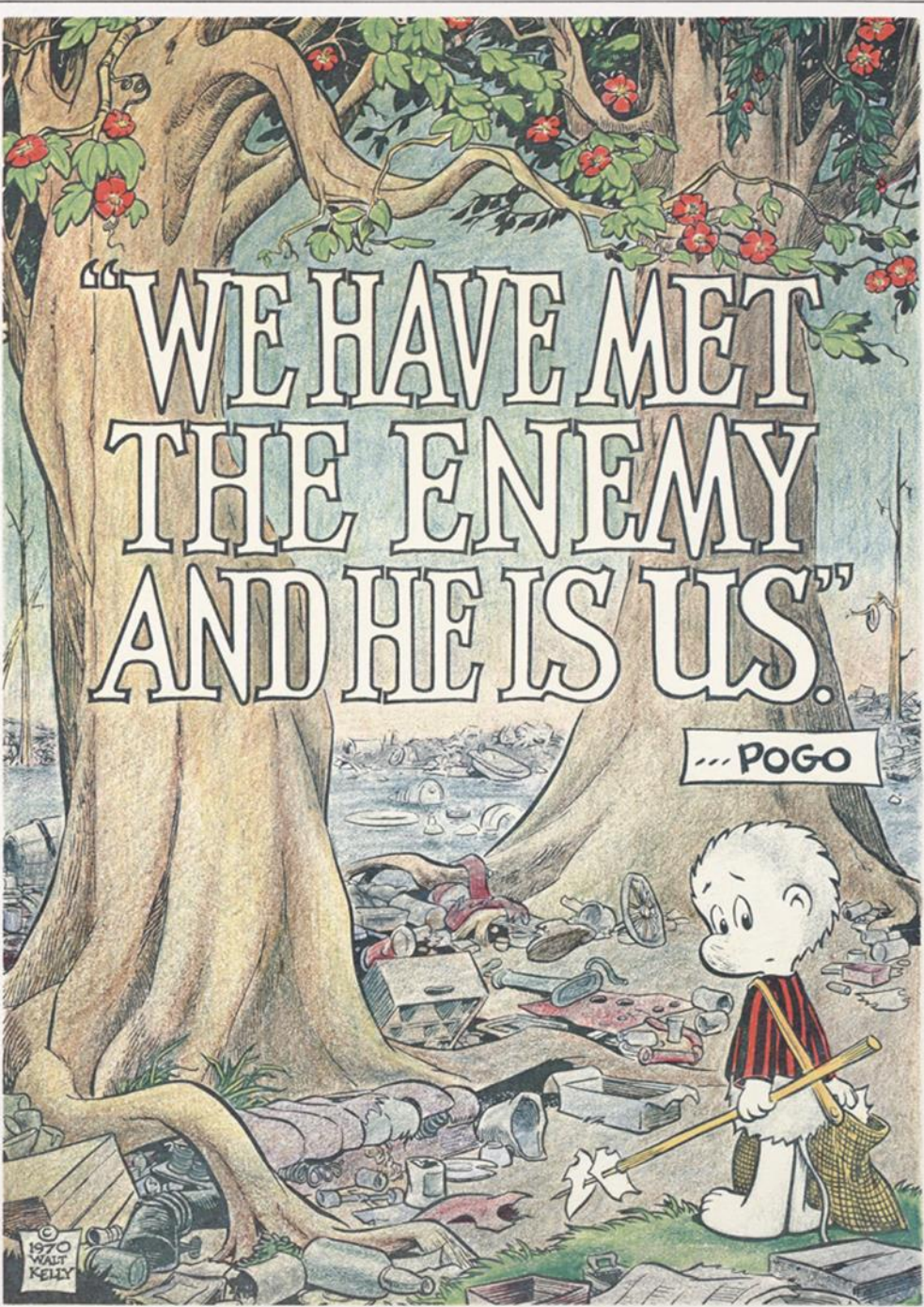
Maine Lakes Conference

June 21, 2024

UMF

Maine's Crown Jewels it's Lakes & Ponds

By Matt Scott



“WE HAVE MET
THE ENEMY
AND HE IS US.”

... POGO

©
1970
WALT
KELLY



2020

Maine Lakes & Lake Stewards of Maine

LAKE CONFERENCE 2024



Friday, June 21, 2024

8:00 a.m. to 4:30 p.m.

University of Maine Farmington

Olsen Student Center

111 South Street, Farmington

Silent Auction:

Lodge stays, gift cards, guided trips, quilts, restaurants, and much more!

Door Prize:

Stand Up Paddle Board Package from L.L. Bean

The Value and Legacy of Maine's Lakes

June 21, 2024

UMaine Farmington

MORNING SESSIONS

Time	Topic
8:00	Registration and Breakfast Mixer
9:10	Welcome
9:30	Keynote Speakers: Adam Daigneault and Melissa Genoter , University of Maine "Valuing the Economic Benefits of Maine's Great Ponds in the 21st Century"
10:30	Break
10:50	Volunteer Panel: Hear from volunteers active with Lake Stewards of Maine's and Maine Lakes' signature programs: Water Quality Monitoring, Invasive Aquatic Species Surveying, LakeSmart, and Look Out for Loons. Panel participants will describe their experiences as program volunteers including their duties, training requirements, time commitments, challenges they face, and the rewards from their volunteer efforts. Ask questions and find out more about these programs, how they work, and how to get involved.
11:50	Lunch, Advocacy Update and Volunteer Awards
1:10	Plenary Speaker: Matt Scott , retired Department of Inland Fisheries and Wildlife Biologist, "Loving Our Lakes to Death"
2:00	AFTERNOON SESSIONS (see details on reverse)
4:00	Raffle Drawing, Silent Auction Wrap Up, and Closing Remarks

Conference Hosts:



Alison Cooney, Executive Director of
LSM

Susan Gallo, Executive Director of
ML



LakeSmart Protects Developed Lakes

- Peer to Peer Learning and Reward Program
- Promotes Lake-friendly Landscaping,
- Brings Understanding and Change,
- And Preserves Habitat



Lake Smart Is Unique

It Changes What People Do

Adult Loon on Artificial nest
PRL outlet near Harmon Property



JUN 25 2002

Digital Photo by
Matt Scott

Fishery Management

- The driver is Water Quality
- This salient fact alone became a baseline for establishing good salmonid fishing in Maine
- It also plays a role in some warmwater fisheries such as SM and LM Bass





ALL MAINE LAKES are
VULNERABLE

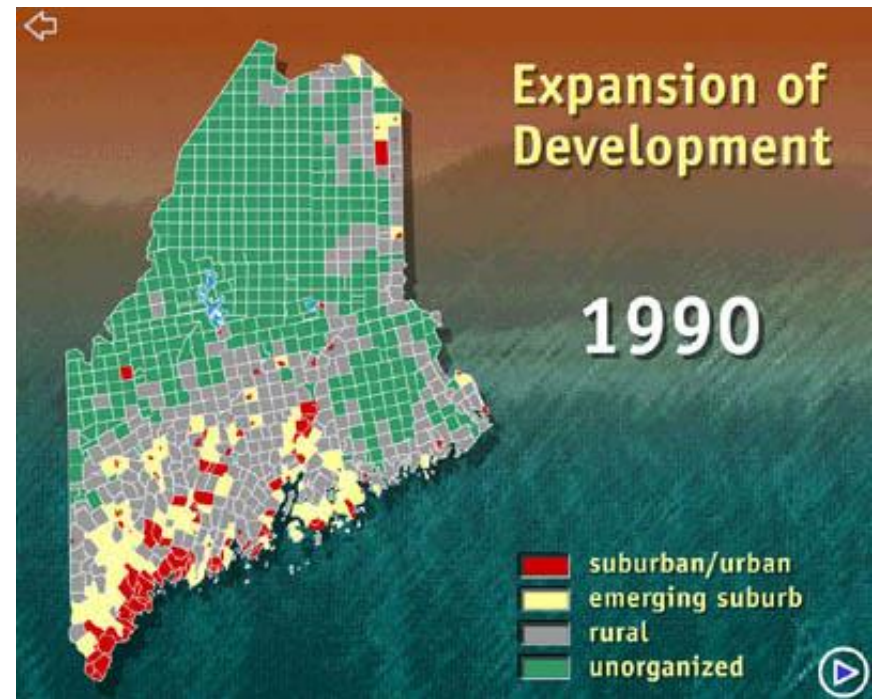
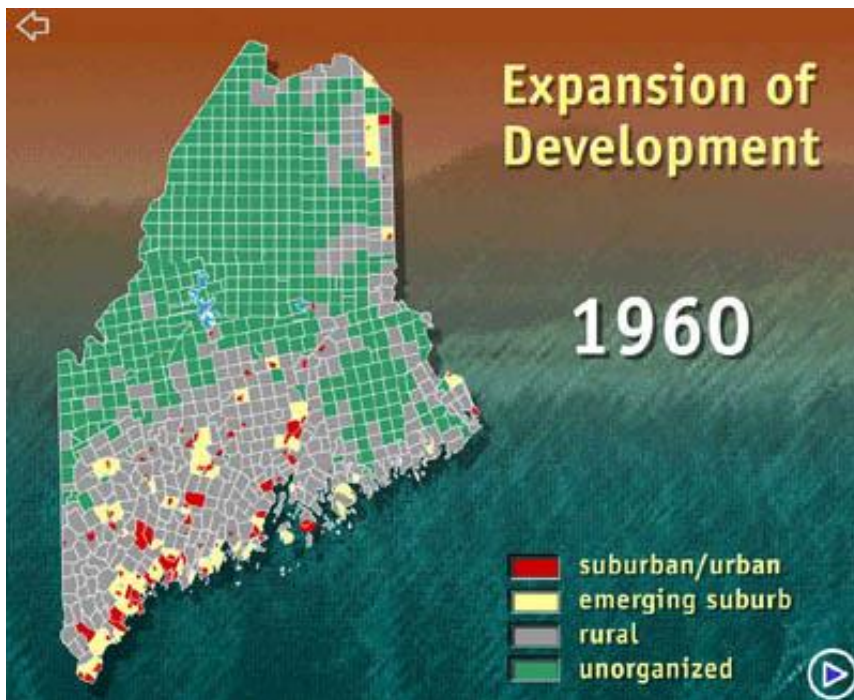
Some More So Than Others

Key Trends

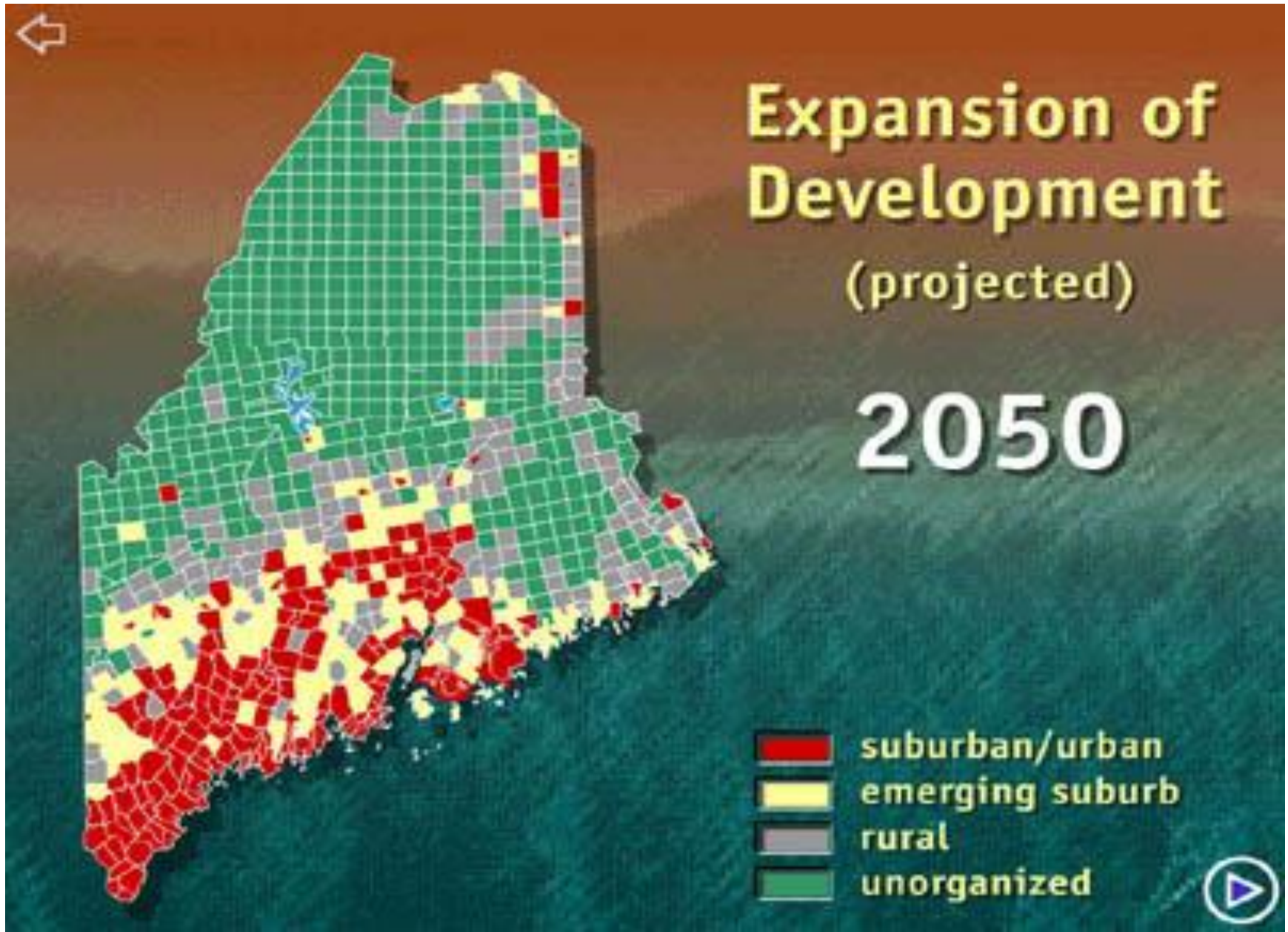
- Population
- Land Use
- Lakefront Development: Changing Character
 - Upscaling
 - Conversion to year round or more intensive water uses
 - Rising fishing/recreational pressures

Tourism

Growth within State



Projected Growth for Maine



Who Owns the Lakes and Ponds?

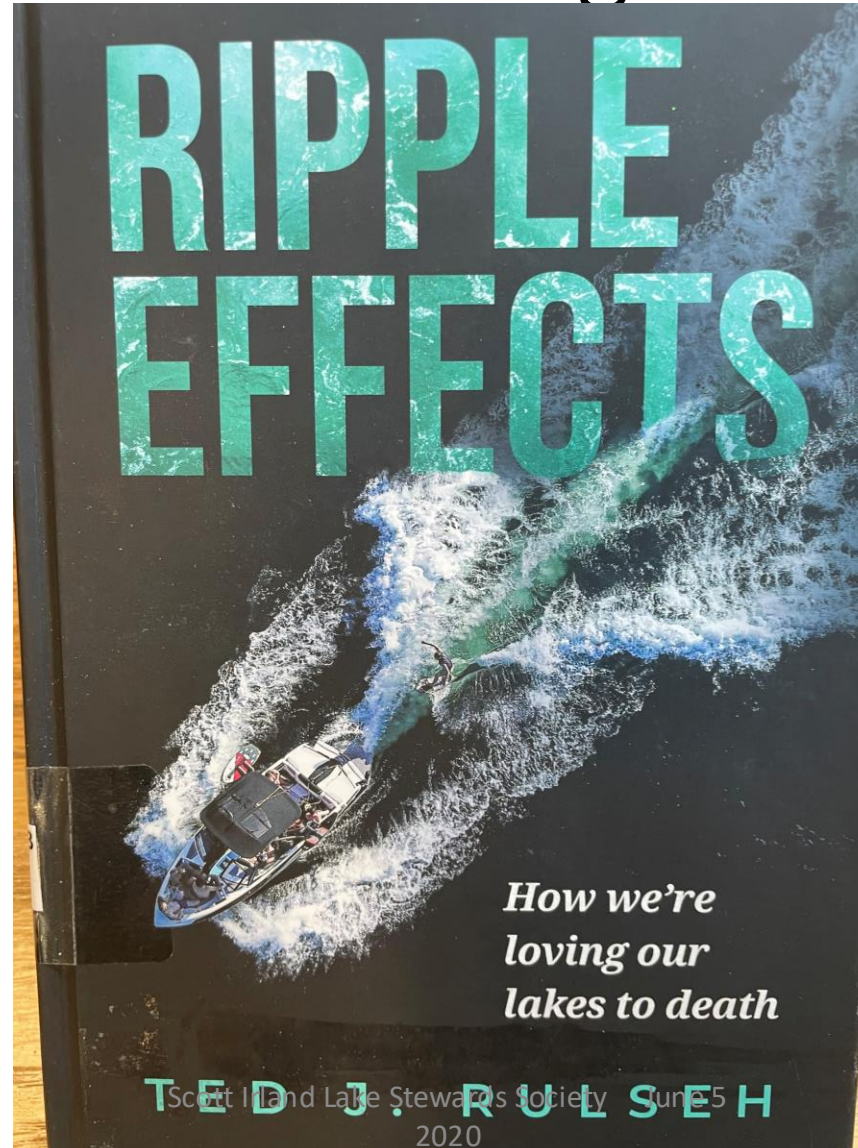
- Lakes are trust resources- GP-A
- Held as trust for all the people
- Many shorefront owners don't live here
- Due to history, politics The State has abdicated, leaving
 - Land use and all enforcement to towns
 - Dam maintenance/operation to volunteers
 - Recreation access to the shorefront owners
 - Monitoring of WQ to volunteers

What's the path Forward?

My Crystal Ball

- *If things hold as in the past we will see more ratcheting down with new regulations being
- *proposed, new restrictions with local control
- *The LCD in all of what I see is numbers, people.
- *People management is old terminology.

Are We doing This?





Daryn Slover/Sun Journal file

The lakefront property at 18 Fernwood Road on Sebago Lake in Raymond, as seen Sept. 14, 2022, and the adjacent property at 28 Whitetail Lane will now be restored under a settlement agreement with the town of Raymond over shoreland zoning violations.

SEBAGO LAKE

Property owner to pay over \$650,000 in shoreland zoning violations settlement

Future Threats

- Warmer
- Wetter
- Windy
- All a result of our changing climate with human interactions

Maine's Average Annual Temperature

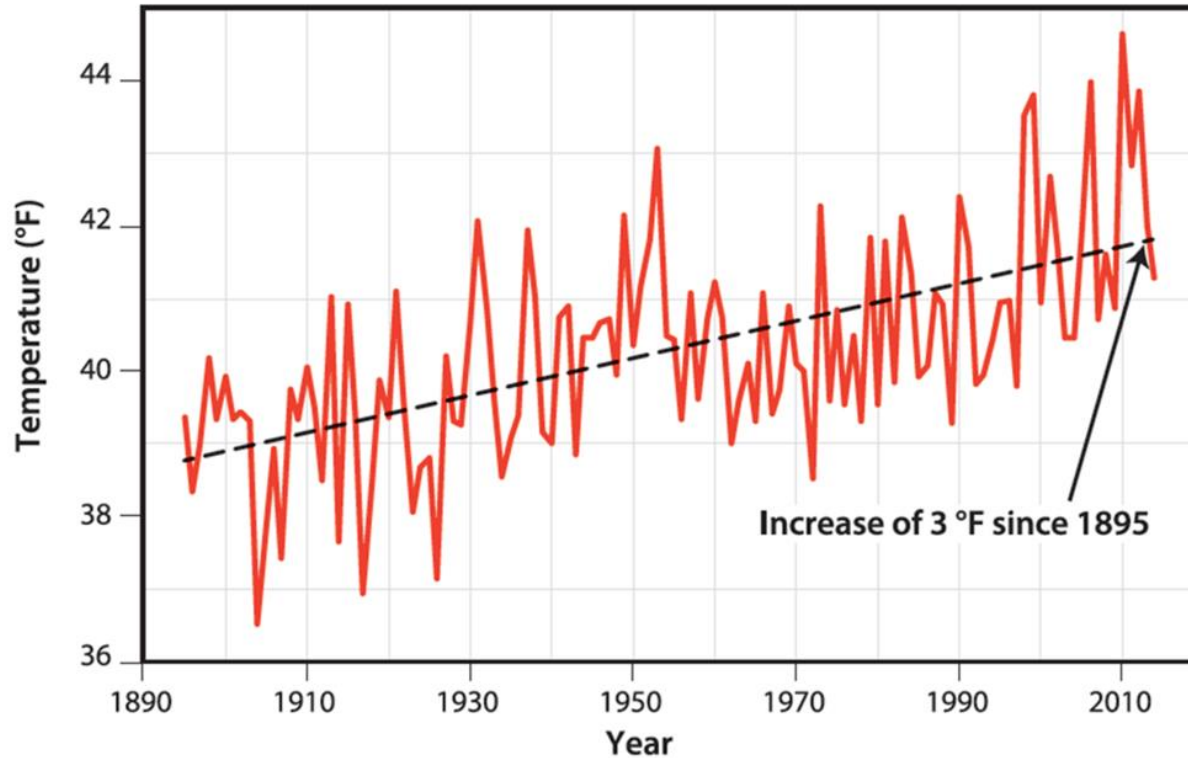


Figure 1. Mean annual temperature, 1895–2014, averaged across Maine from gridded monthly station records from the U.S. Climate Divisional Dataset (ncdc.noaa.gov/monitoring-references/maps/us-climate-divisions.php). A simplified linear trend (black line) indicates that temperature increased 3 °F over the record period.



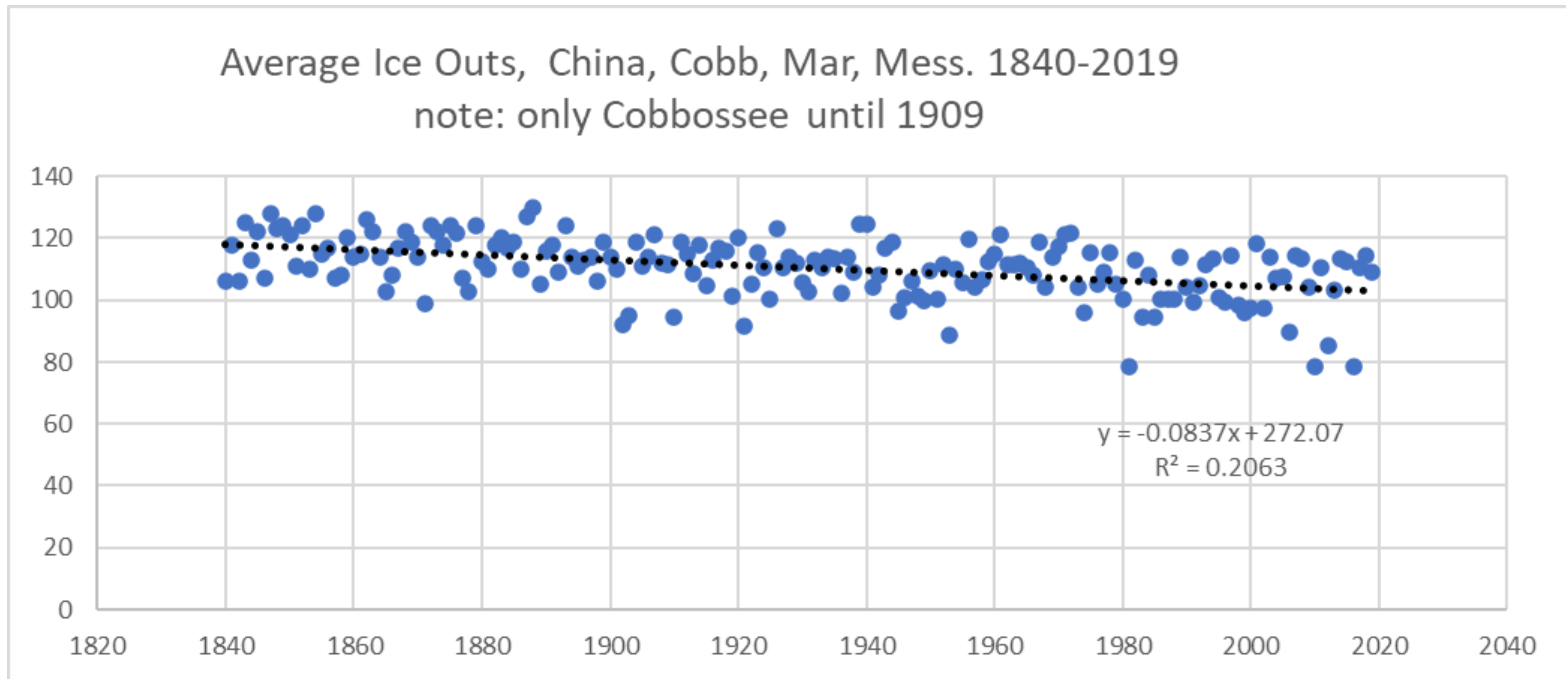








More Threats



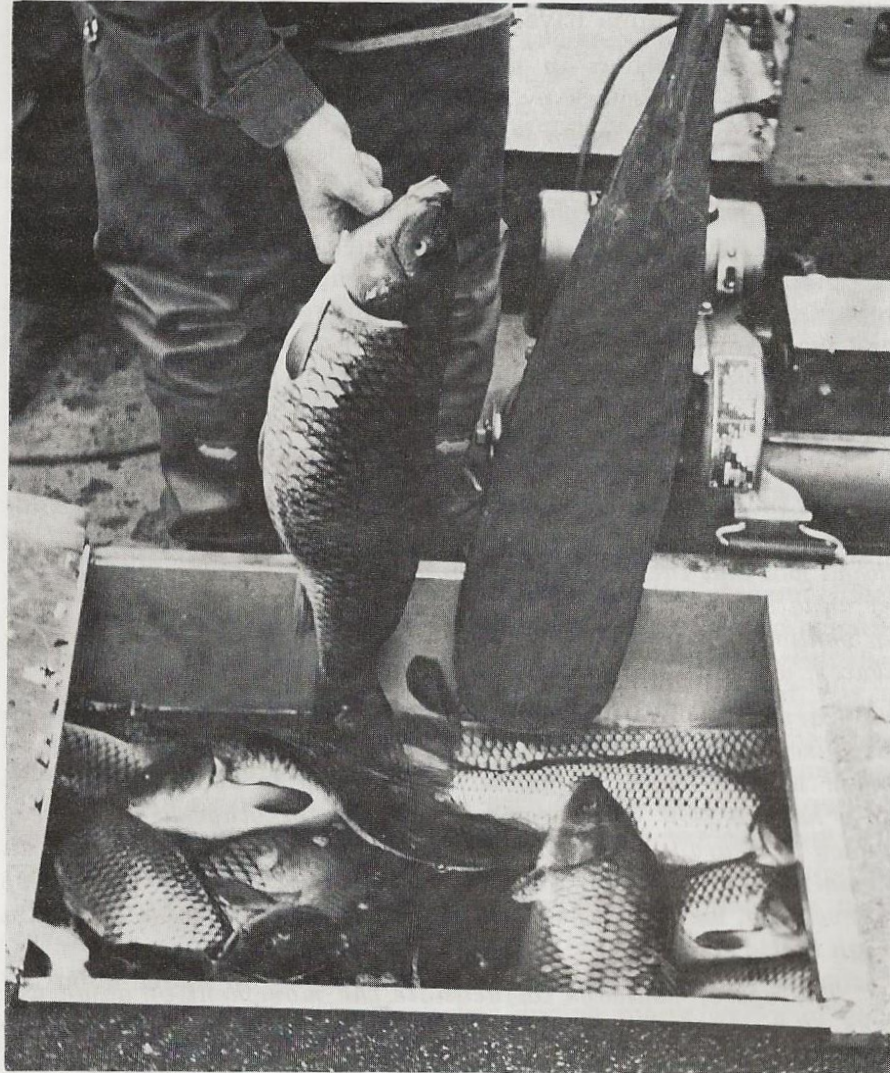
Earlier by 8 tenths of a day/decade since 1840.
 In 209th c, average ice outs for these was the
 very same day! Ice thickness is also less.

Winter of 2024 while ice fishing on lakes in the
 Belgrade's I was measuring 12" maximum

Zebra Mussel in the St John



Kennebec River below Augusta 1964



European Carp from Kennebec River at South Gardiner

European Carp above Augusta 2023

Kennebec River-Augusta



Sebasticook River



Our Lakes Are Invaluable Crown Jewels

- Maine Lakes and Ponds produce **at least \$14.5 billion** in annual economic activity.*
- Our lakes are used by **over** 650,000 customers every year and supply drinking water to half our population
- Lakes support **at least** 56,000 jobs
- **Tourism is now Maine's #1 industry**

*Based on 2023 dollars



TOURISM

From travel to all forms of outdoor recreation
Maine is now truly the VACATIONLAND State.

MAINE'S OFFICIAL TRAVEL PLANNER AND ADVENTURE GUIDE

MAINE

INVITES YOU

FIND OUT WHAT
AWAITS YOU IN
VACATIONLAND

VISITMAINE.COM

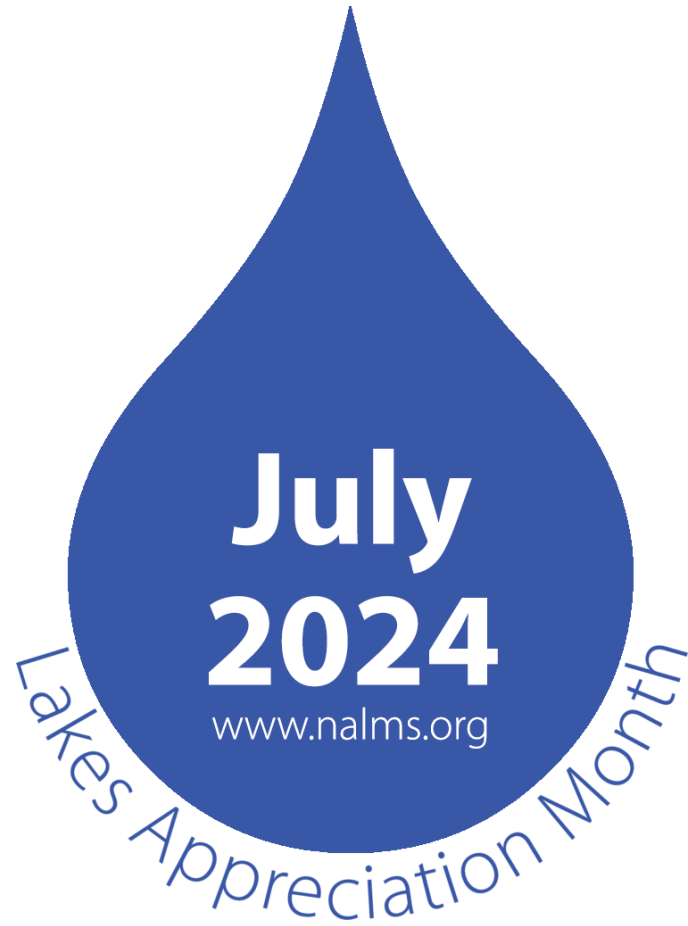
Cornelia T. Crosby

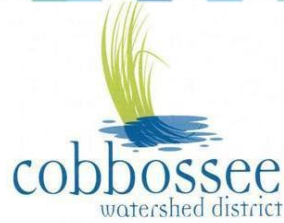


Cornelia Thurza Crosby



NALMS





Maine Lakes & Lake Stewards of Maine
LAKE CONFERENCE 2024



The Value and Legacy of Maine's Lakes



FRIENDS of the
**COBBOSSEE
WATERSHED**



Protecting Waters and
Watersheds in the
Greater Sebago Lakes Region