



Michigan Clean
Water Corps

Cooperative Lakes Monitoring Program Training



Cooperative Lakes Monitoring Program



MICHIGAN STATE
UNIVERSITY

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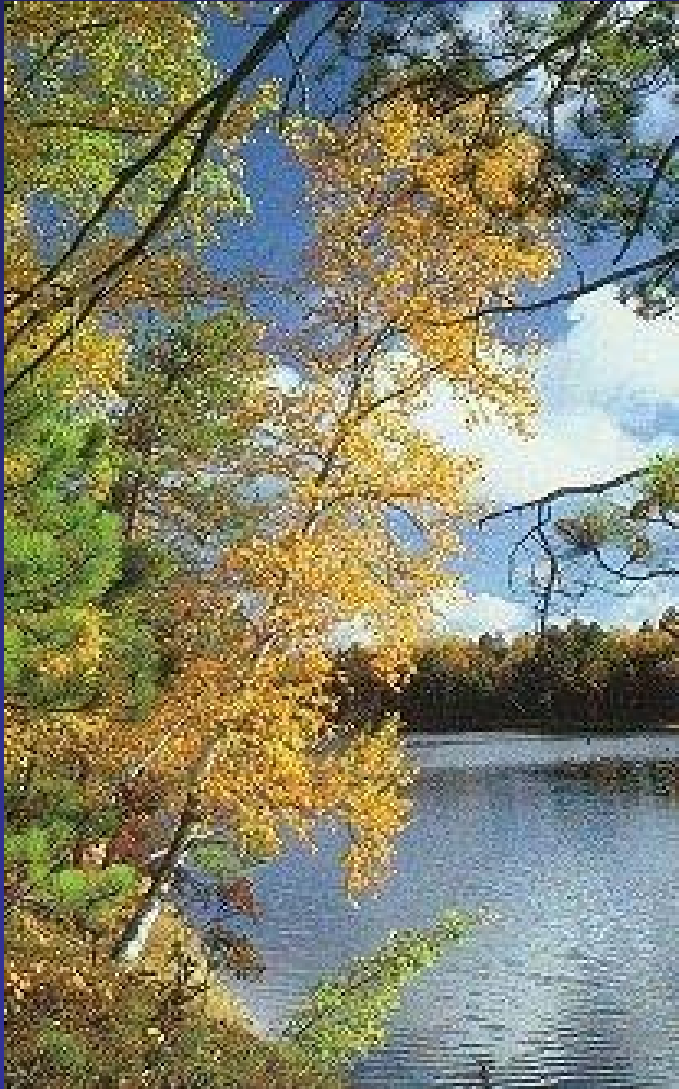
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The Self-Help Legacy

- Program began in 1974 with Secchi disk and summer chlorophyll - second oldest program in country.
- In 1992 MOU with ML&SA to administer program.
- In 1993 added spring overturn total phosphorus.
- In 1998 added late-summer total phosphorus and summer chlorophyll reinstated.
- In 2000 added dissolved oxygen/temperature.
- In 2001 added aquatic plants.
- Also in 2001 Clean Michigan Initiative funding.
- In 2005 incorporated into Mi Clean Water Corps.

CLMP Goals

- Provide baseline information and document trends in water quality for individual lakes
- Educate lake residents, users, and interested citizens in collection of water quality data, lake ecology, and lake management practices

CLMP Goals

- Build a constituency of citizens to practice sound lake management at the local level and build public support for lake quality protection
- Provide a cost-effective process for the DNRE to increase baseline data for lakes in Michigan

Trophic State Indicators

- Transparency
- Total Phosphorus
- Chlorophyll *a*
- Dissolved Oxygen and Temperature
- Aquatic Plants

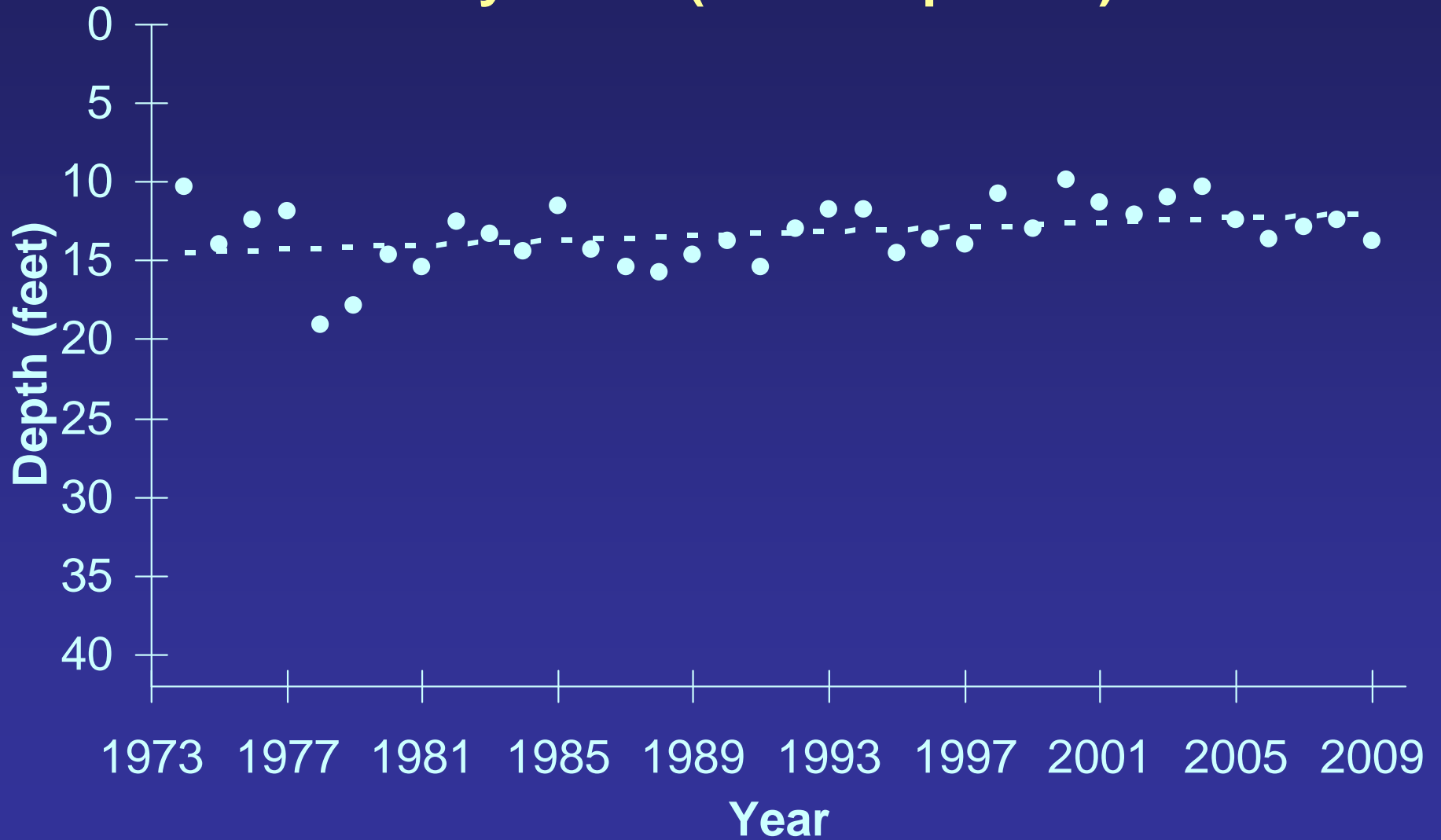


CLMP Quality Data

- Detailed procedures
- Comprehensive training
- Replicate sampling
- DNRE side-by-side sampling

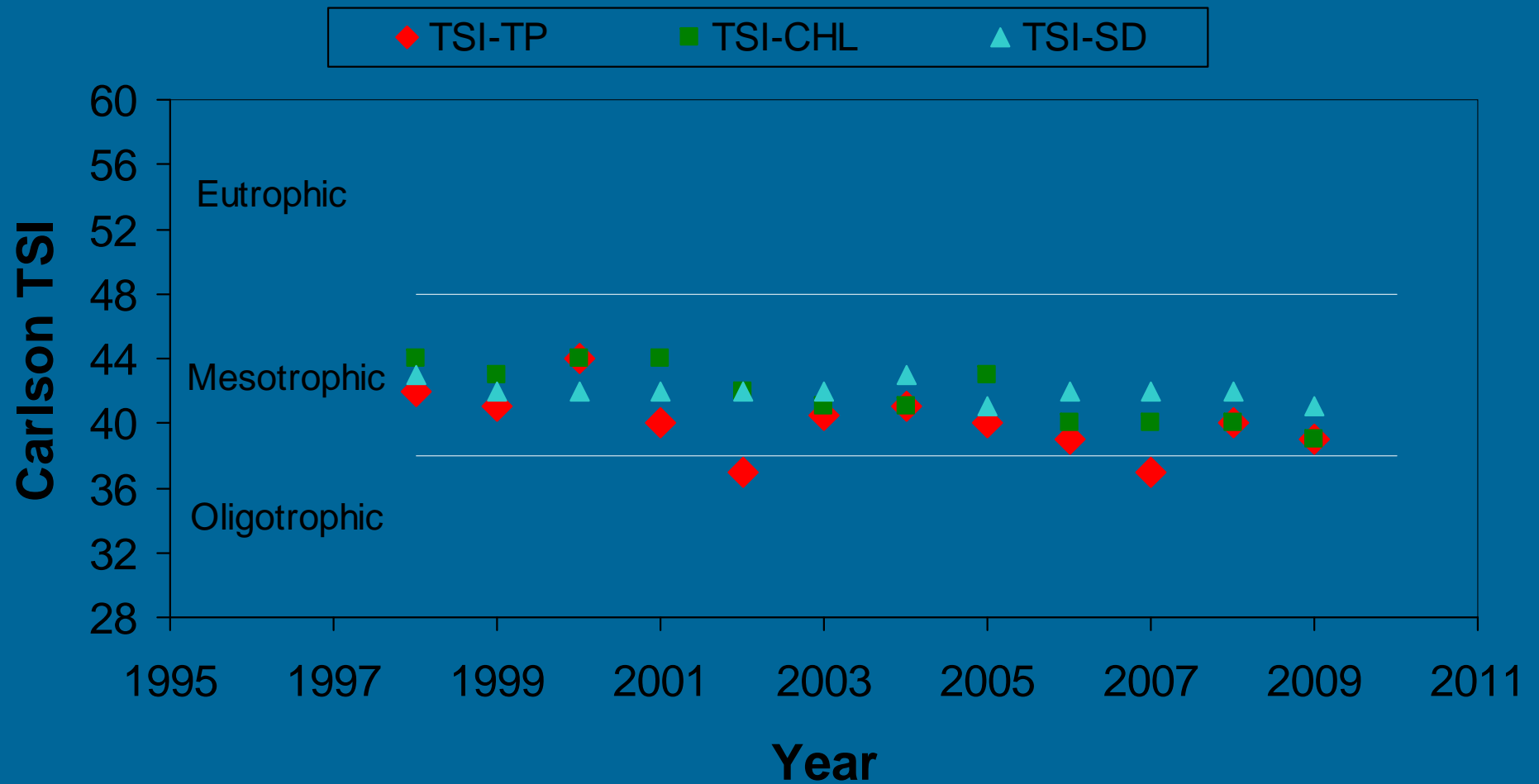


CLMP Summer Mean Transparency Trend Corey Lake (St. Joseph Co.)



CLMP Annual Results

Mean Trophic State Indices



Evaluation Form

- Please take a few minutes to fill out the evaluation form for this session.
- You can leave them in the box when you are done.

“working together to protect lakes”



on with the
show....



Michigan Lake and Stream Associations, Inc.



A state-wide, non-profit, primarily volunteer organization dedicated to preserving and protecting Michigan's vast treasure of high quality inland lakes and streams since 1961.

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Cooperative Lakes
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The Michigan Riparian Magazine

Collaborative Partnerships
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