

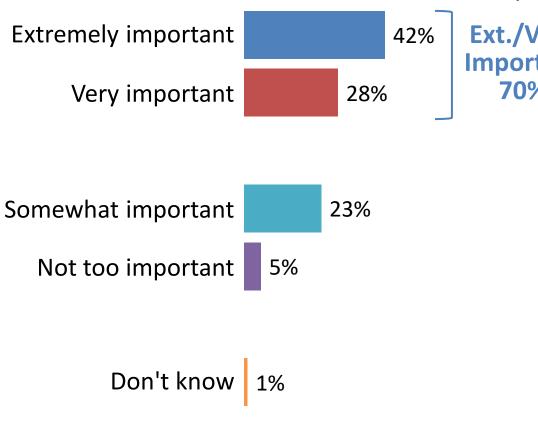






Seven in ten call the Finger Lakes "extremely" or "very important" to their quality of life.

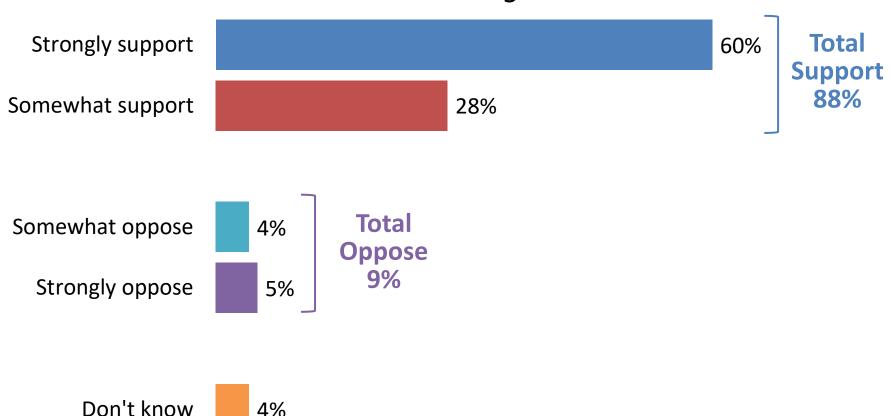
How important are the Finger Lakes to your quality of life: extremely important, very important, somewhat important, or not too important?



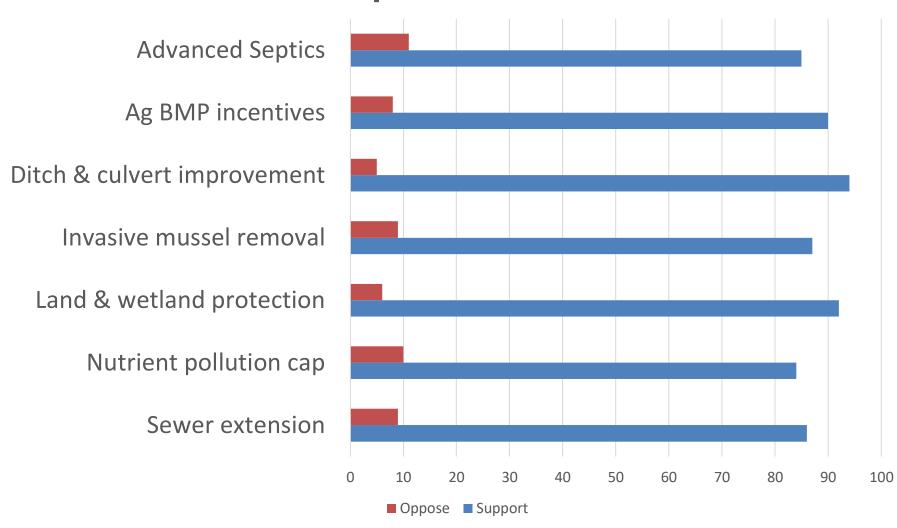
Nearly nine in ten support increased funding for programs to address Finger Lakes water quality – three in five "strongly."

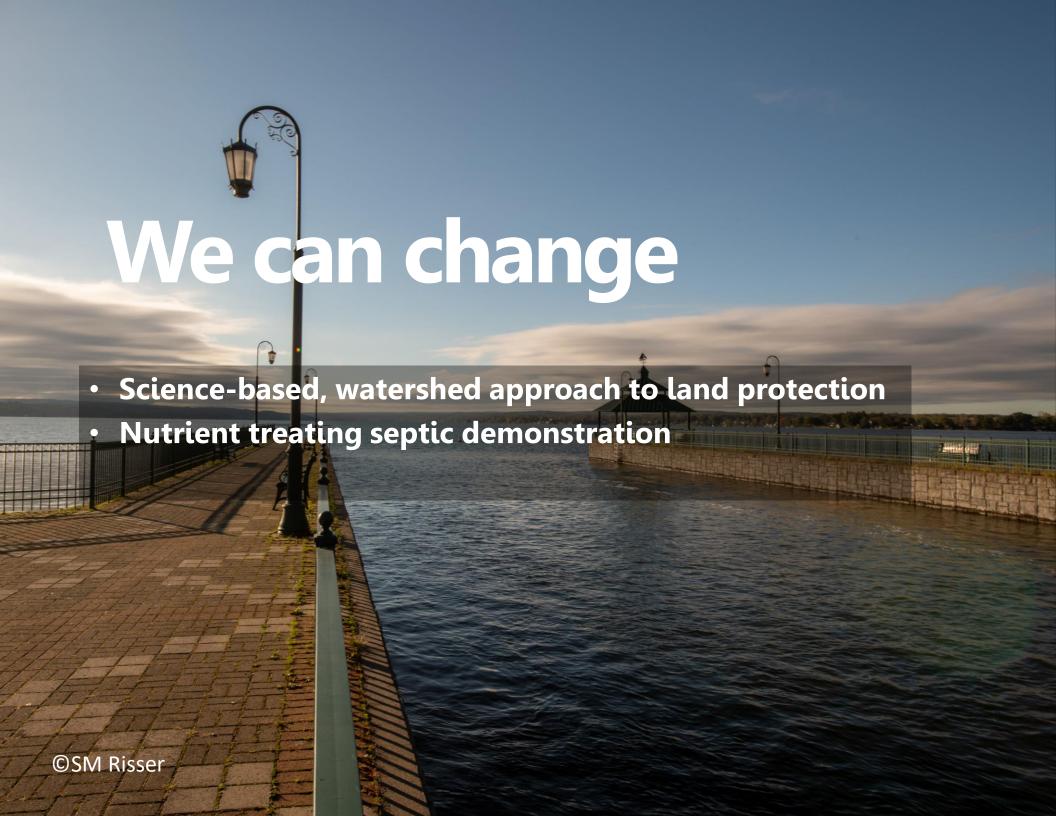
In general, would you support or oppose increased funding for

In general, would you support or oppose increased funding for programs that would help improve water quality and reduce algae blooms in the Finger Lakes?



Popular Policies

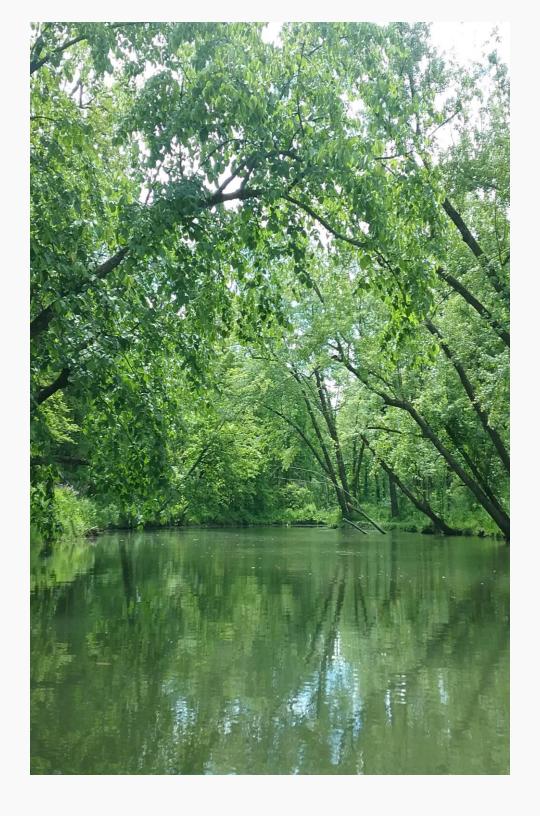






Data-driven parcel prioritization

- The Nature Conservancy-NY developed the Strategy Assessment Tool (SAT) to aid in statewide systematic spatial planning.
- We are applying the SAT in the Owasco
 Lake project to identify parcels with high
 existing contribution to water quality.
- The SAT tells us the most important places to protect from future land use conversion.



Land functions that contribute to water quality

Non-Point Source Mitigation



Lands that have the potential to capture and mitigate pollutants from existing sources of non-point source pollution

- · Land cover
- · Opportunity to intercept flow
- Existing up-slope land cover

Non-Point Source Prevention



Lands that, if converted, would contribute to increases in non-point source pollution in vulnerable waterbodies

- Land cover
- · Existing land cover in receiving watershed
- · Soil erodibility & slope

Surface Water Supply



Lands that support clean and dependable surface water supplies for public use

- NPS mitigation and prevention (average)
- % Contribution to water supply basin
- Distance from withdrawal and stream network position

Surface Runoff Retention



Lands that slow and retain surface flow and allow sediment and associated pollutants to settle out

- Landcover
- Soil hydrography
- Opportunity to intercept flow
- · Topographic position and slope

Source Water Protection

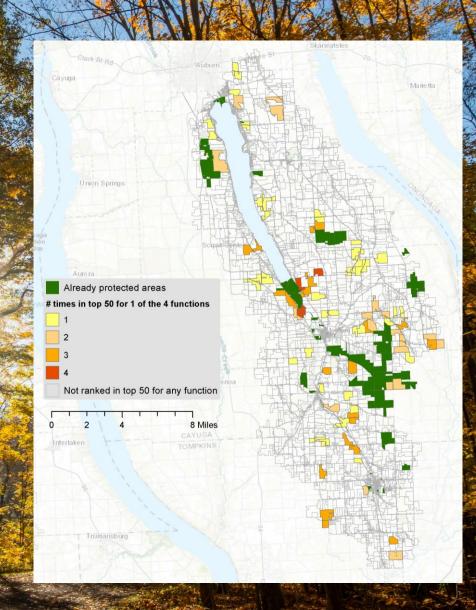
Sharing science of headwater stream protection, importance of keeping water on the landscape

Acquired 3 properties; 1 easement

Outreach is ongoing

Building capacity of local stewards

-Owasco Lake Watershed Management Council



Nutrient-treating Septic Pilot













Our Owasco- removing barriers to soil health implementation

- Farmer peer network
- Sharing stories of conservation on farms
- Behavior science training for civic leaders

Our Owasco- Soil Health

Farmer Panel & Barn Sessions

- Working with local SWCDs to engage farmers in soil health training and build capacity for peerled change.
- Establishing a diverse peer network











Our Owasco- Sharing Stories



Tompkins County farmer PJ Houston, 48, prioritizes environmental protection as he farms land in the Owa

PI farms in the Owasco Lake Watershed d uses, and he knows how important s PJ has worked closely with Tompkins farmers want it — on the farm. ty's local agricultural professionals

helped to protect Owasco Lake by reducing soil erosion and nutrient runoff on his farm. Reduced tillage practices can help to minimize his negative impact on minimize disturbance to the soil, keeping surrounding environment. Over the the soil, and nutrients that it holds, where

"We spend a lot of time fine tuning when achieve this goal.

we are trying a new practice on the farm,"

"By said." If we don't like the way it turns
gram with rotational grazing imhis milk production, cattle weight

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and nutrient distribution across the
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"AEM supports local farmers to
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eral environmental and water quality goals.

"We're lucky to have people like Tomp-pasture rotation." kins Soil and Water Conservation District to help get us access to resources to do reduced tillage management, the things better on the farm," he said.

Paul Gier is the natural resource program specialist at Tompkins County Soil and Water Conservation District. He works closely with PJ and other local farmers to

while also achieving locale, state and fed- a range of different conservation practi

If you'd like more information doing to protect the watershed, h

Our Owasco: Meet some of the farmers protecting the lake

Our Owasco Special to The Citizen Nov 5, 2021

Our Owasco Special to The Citizen

armers across the Owasco Lake watershed are helping to protect the lake by implementing soil health systems and other farming practices that prevent water pollution and reduce soil loss and runoff.

Steve Cuddeback and his son, Jason Cuddeback, farm 700 acres between Owasco Lake and Skaneateles Lake where they grow corn, soybeans, hay and red beans. As 10th and 11th generation farmers, they can trace their farming lineage back to 1794, when their ancestors worked land in Skaneateles.

Steve first started working on the family farm with his father in 1978, and since then has been an avid adopter of new technologies and practices. One of his priorities is to ensure that his farms have minimal impact on the surrounding environment, and he works hard to implement a range of practices to protect the nearby lake.



Our Owasco Capacity Building Training

Provide local community groups with behavioral science skills to drive positive, sustainable practice change in the Owasco Watershed.

Key outcomes -

- Learn how behavioral science can help drive change outcomes in the watershed
- Understand why change doesn't happen
- Develop a toolkit of behavioral science skills & strategies to drive change

"We now recognize that fundamentally addressing non-point source pollution is not just a technical solution, it is a **people problem** with a **human solution** and learning from Evidn has fostered my sense of how to better engage [with agriculture groups] and **find common ground**"

Local watershed leader

