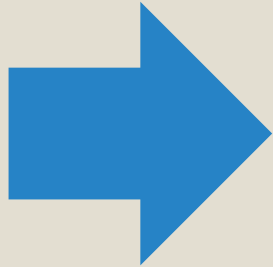


STATE NUTRIENT REDUCTION EFFORTS:

EPA ENGAGEMENT UPDATES

Nutrient Reduction Efforts Update



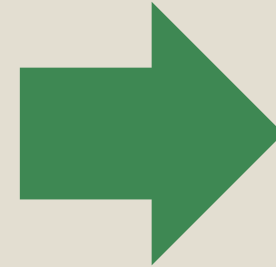
NUTRIENT STORY MAP



REGIONAL NUTRIENT
REDUCTION STRATEGY
WORKGROUP



FOLLOW UP
SURVEY



RESULTS AND
DISCUSSION



Accelerating Improvement of Water Quality



Accelerating Improvement of Water Quality

Nutrient Reduction Efforts Across the United States

April 28, 2025

[Introduction](#)

[EPA Action](#)

[Water Quality Conditions](#)

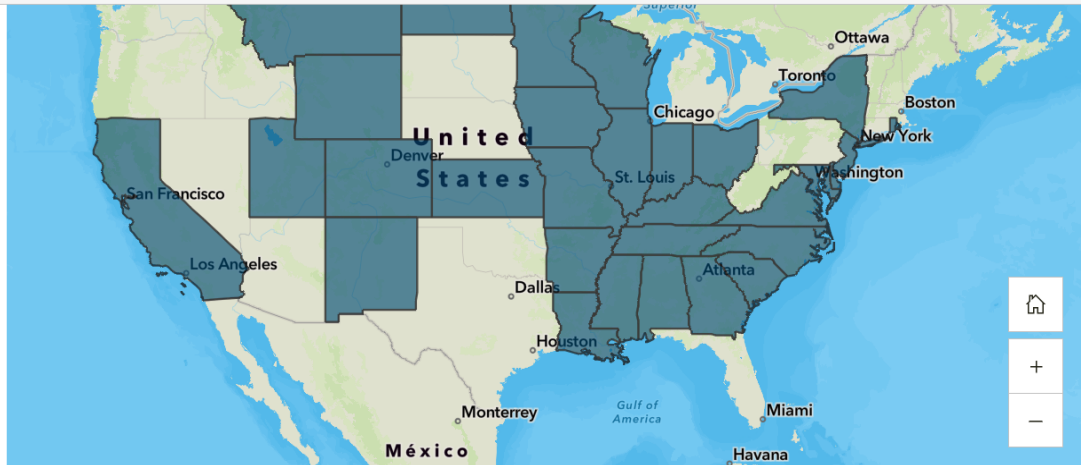
[State Strategies and Efforts](#)

[EPA and State Funding](#)

[Results](#)

[Challenges](#)

[EPA Goals Moving For](#)



Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

500 mi Powered by Esri

States with a Nutrient Reduction Strategy

Nutrient Story Map

*Completed a 2-year
state and regional
engagement process,
published January 2025*

State Reported Challenges

- Data Gaps: 30% of states identified a lack of funding to obtaining enough data, 33% reported a lack of data needed to make more water quality decisions, and 30% cited a lack of monitoring sites for specific waterbodies and/or lack of existing data for specific waterbodies.
- Identifying Nutrient Impaired Waters
 - *24 states reported the need for additional support, 42% of which cited funding and/or monitoring limitations in the integrated reporting process.*
- *29 states reported needing support to achieve measurable nutrient reductions.*
 - Water quality assessment method interpretation and CWA program and plan implementation.
 - Development of TMDLs (including modeling support, such as refinement and calibration) and financial resources, training and staffing resources.
 - Goal and priority setting and measuring the success of nutrient reduction efforts.
 - Implementing water quality trading programs.
- Several states mentioned challenges with data sharing, collection and analysis

EPA Regional Nutrient Reduction Strategy Work Group

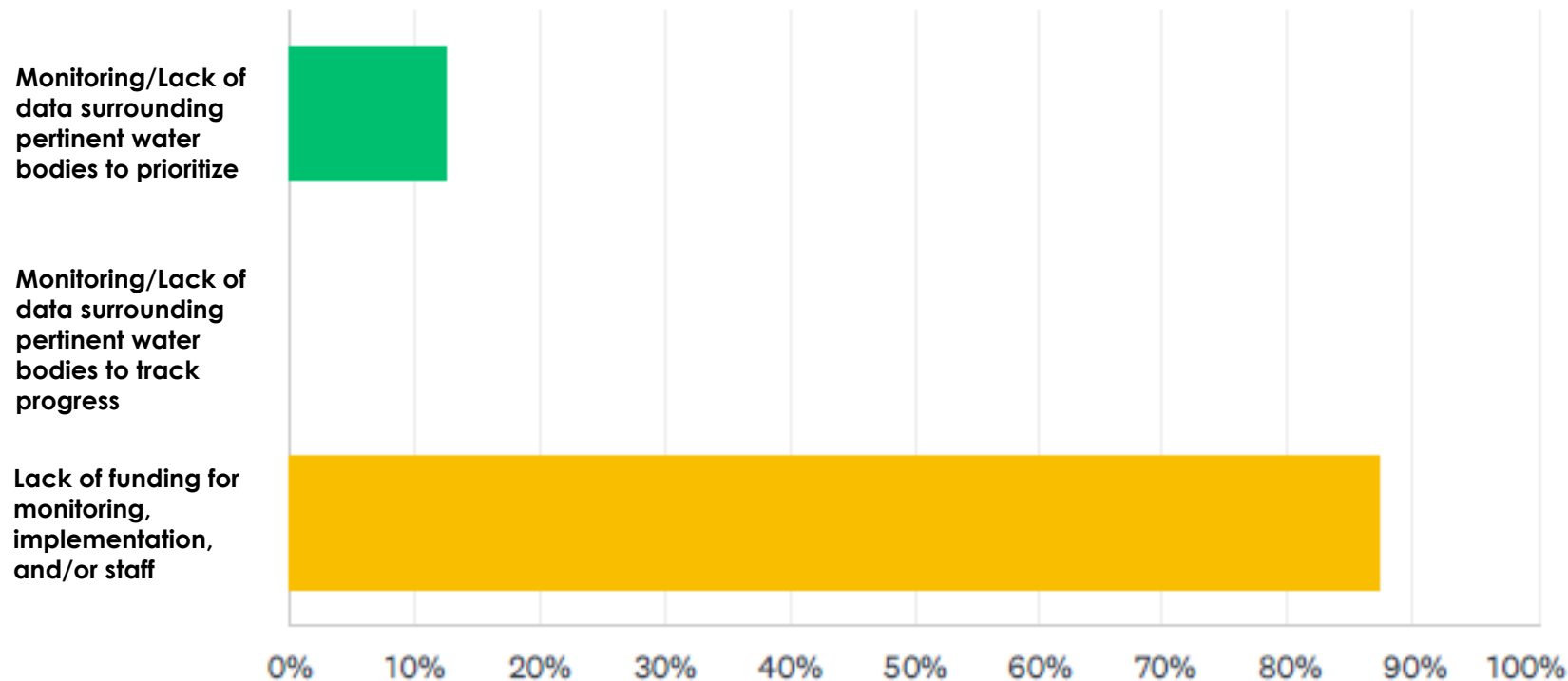
- Formed early on to work with states throughout engagement process
- Formed a new sub committee after story map was complete with goals to:
 - Review needs information received through engagement discussions
 - Brainstorm ideas for providing TA and support to states for nutrient reduction efforts
- Created follow up survey with goals to:
 - Get more specificity and prioritize state needs
 - Present a few possible support solutions

2025 NUTRIENTS STORY MAP UPDATE SURVEY

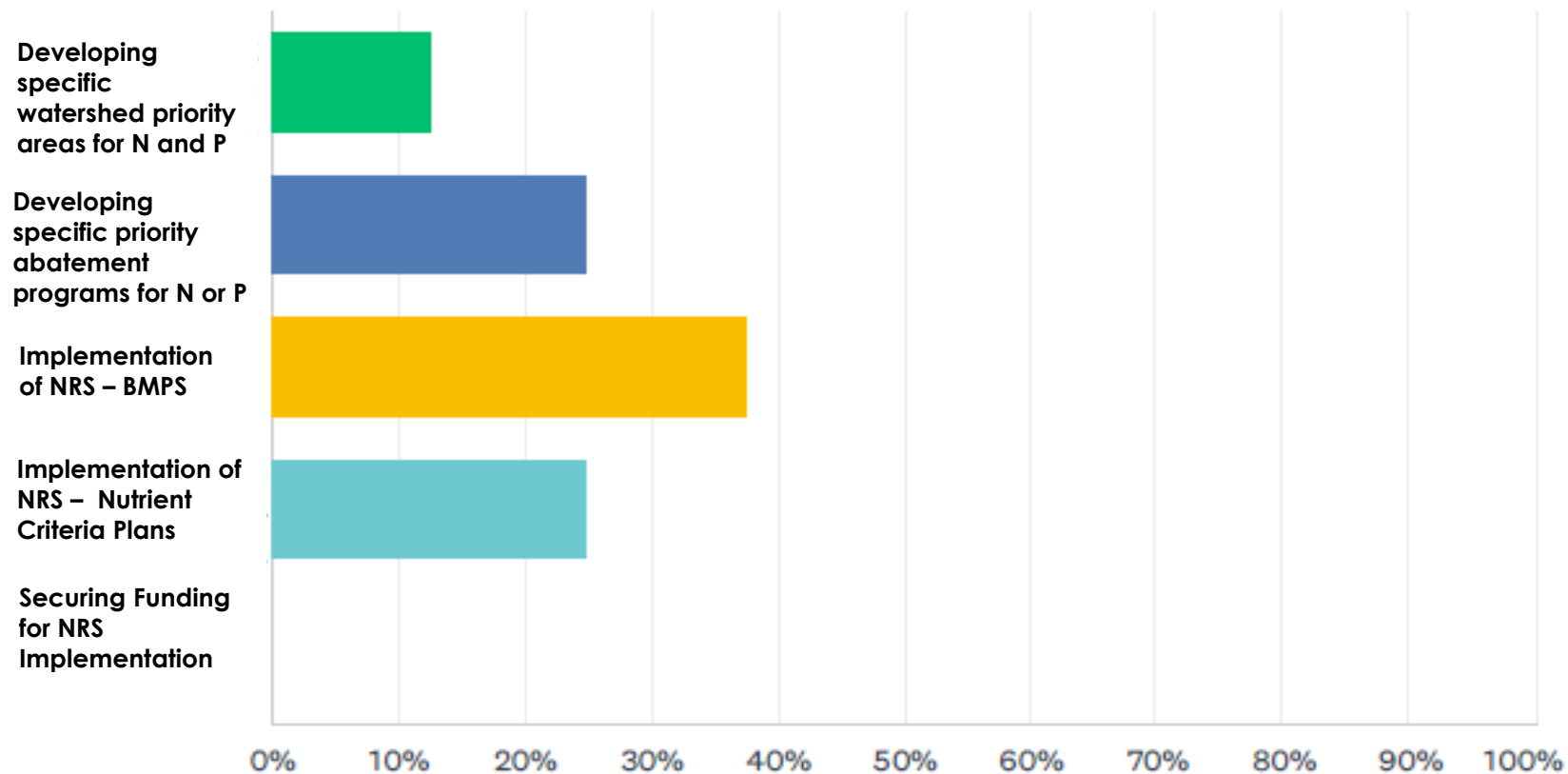
Sent out to ACWA
Members early June

Sent back out to
ACWA participants
mid-July and is still
open.

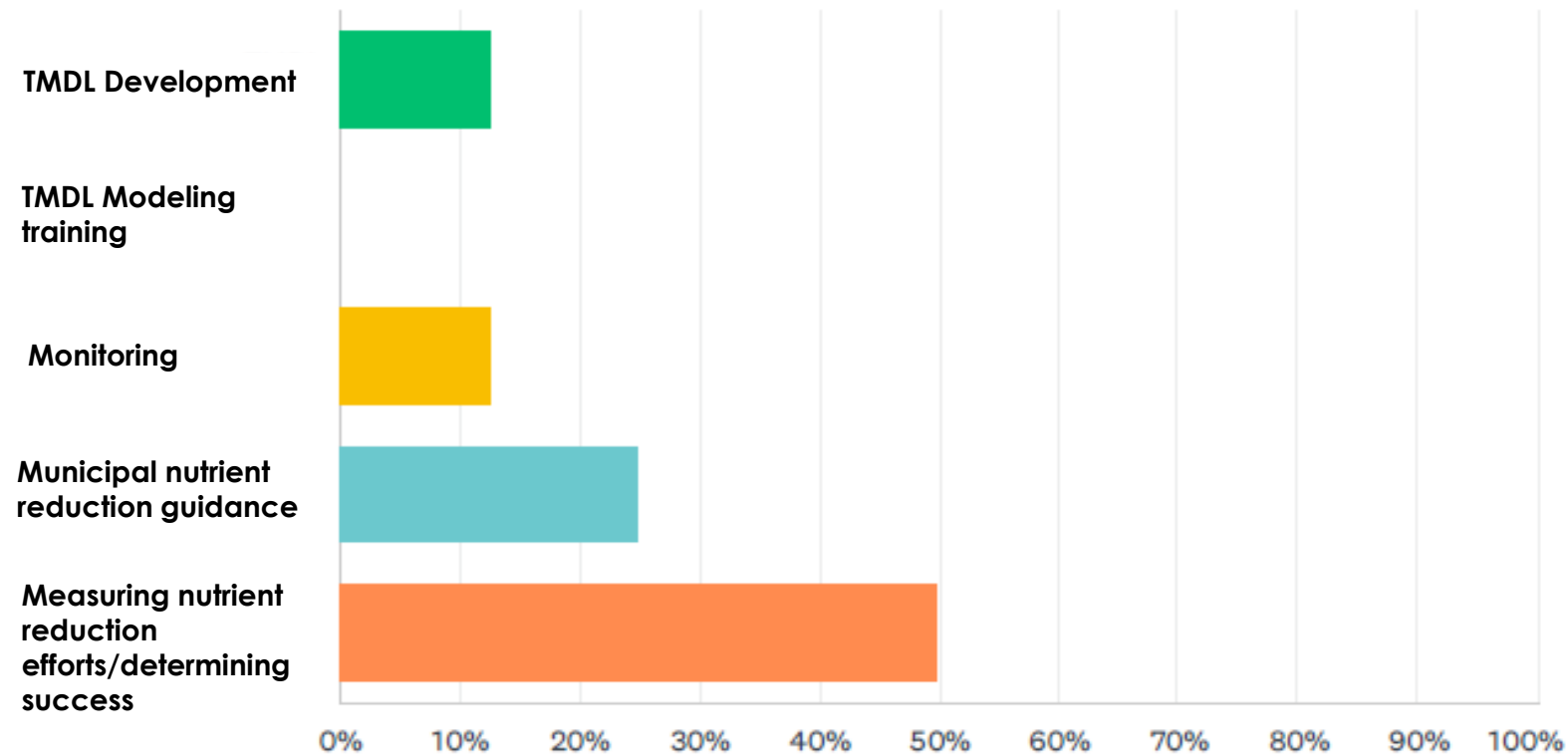
Which of the following represents your biggest challenge regarding gaps in data, resources or other challenges you face in implementing your state NRS?



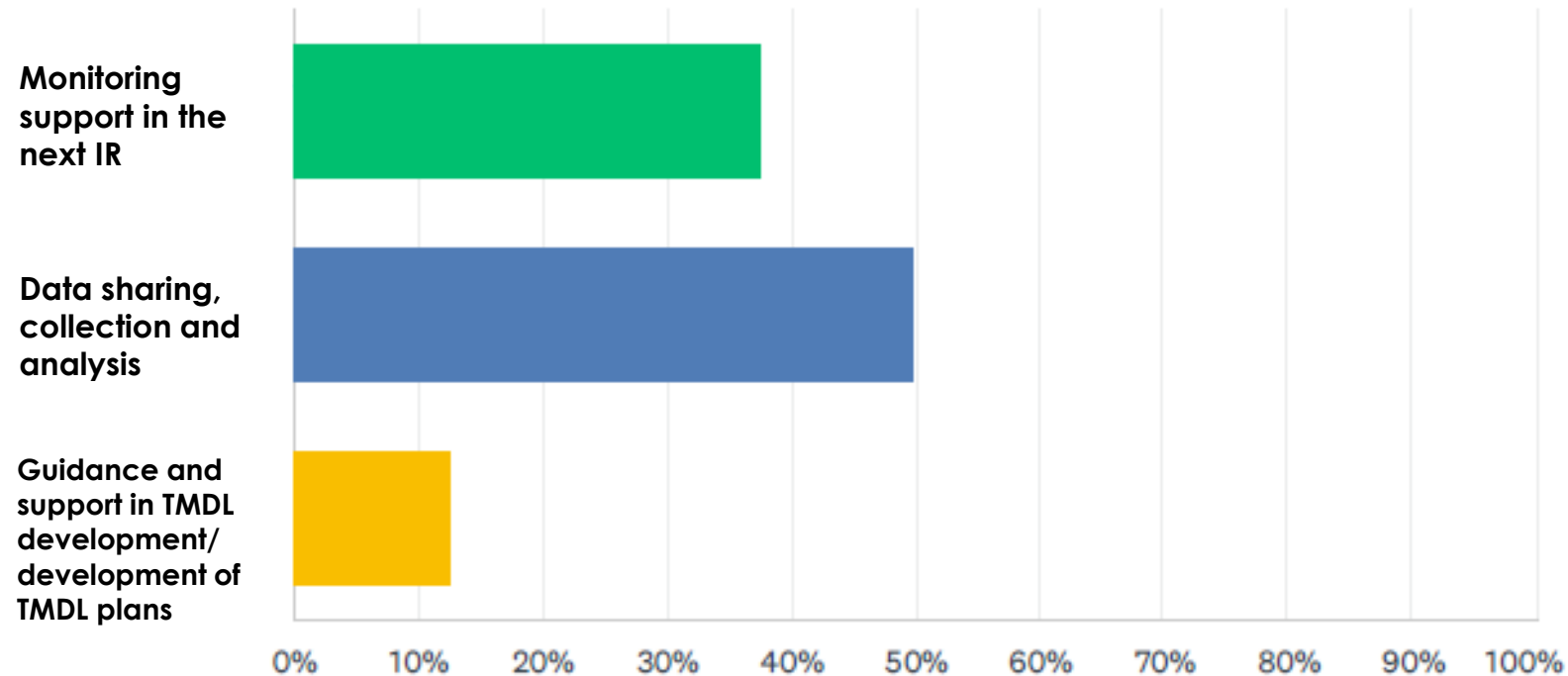
Which of the following is the most important Nutrient Reduction Goal for your state in the next 5 years?



Which form of technical support/technical assistance from EPA is most important to your state to help achieve measurable reductions?



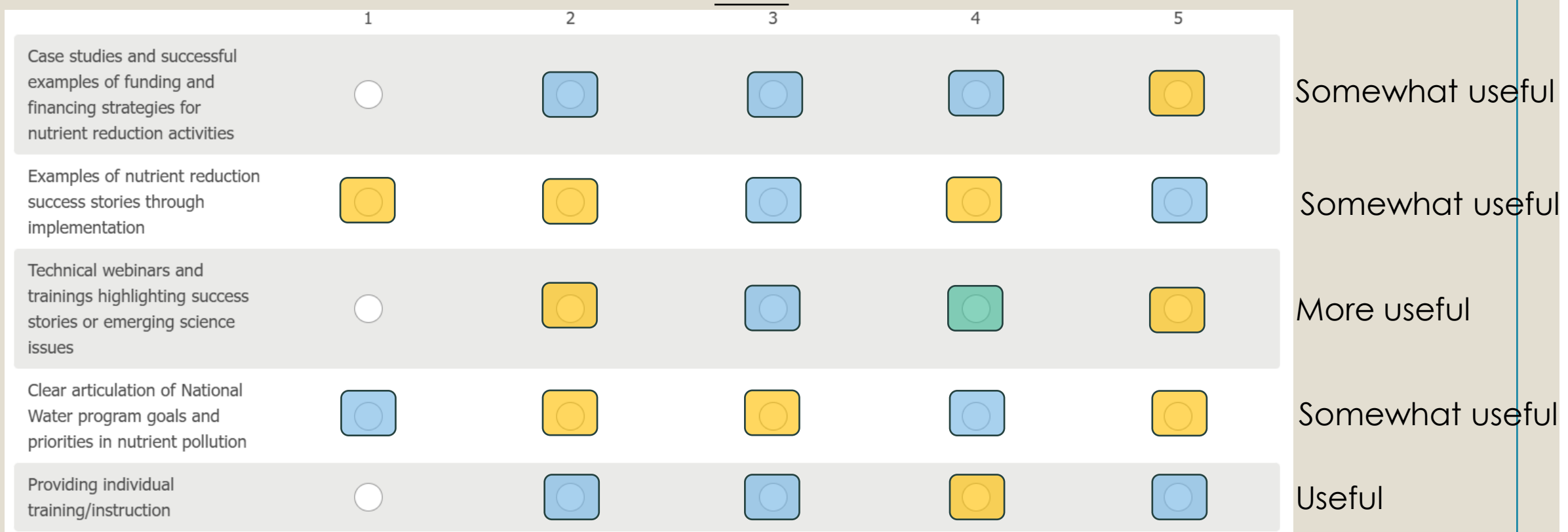
What would be the most important area of support EPA could provide your state in identifying nutrient impaired waters in the next IR cycle?



Which of the following examples of EPA technical assistance would be most important for state nutrient reduction success?

	1	2	3	4	5
Case studies and successful examples of funding and financing strategies for nutrient reduction activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Examples of nutrient reduction success stories through implementation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical webinars and trainings highlighting success stories or emerging science issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clear articulation of National Water program goals and priorities in nutrient pollution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Providing individual training/instruction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which of the following examples of EPA technical assistance would be most important for state nutrient reduction success?



50% ranked here



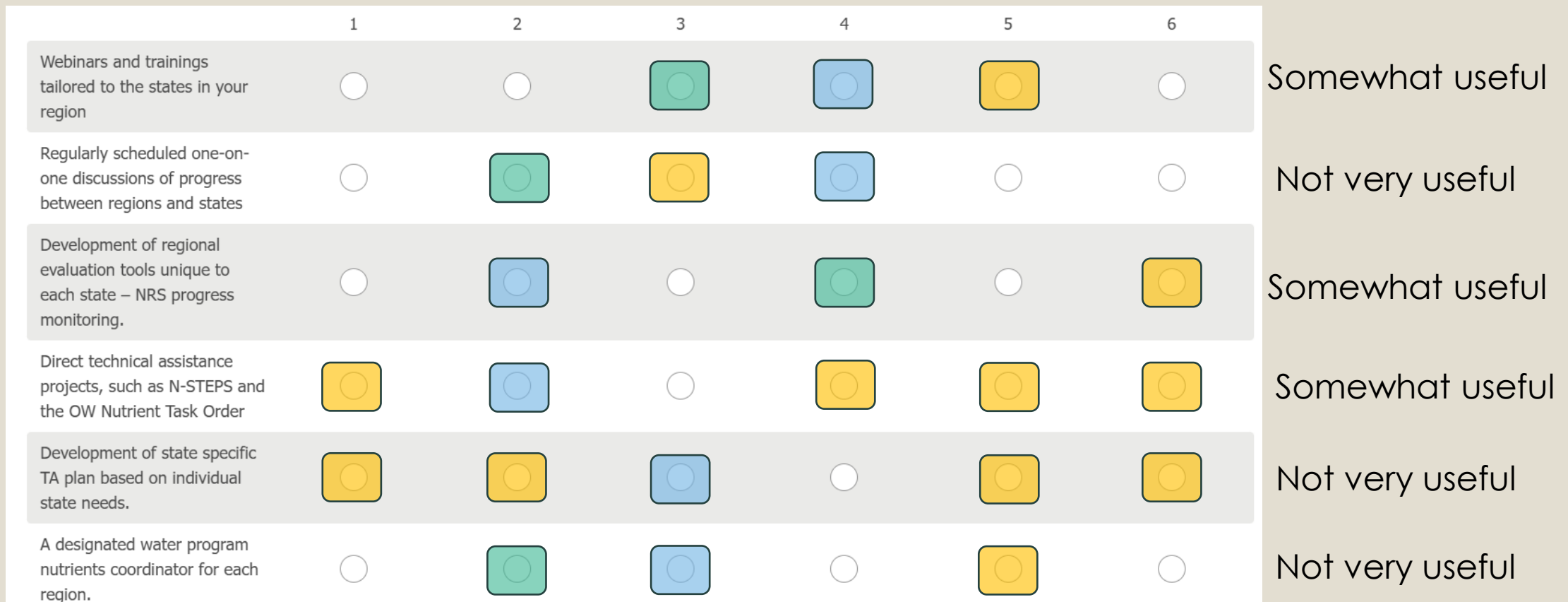
30% ranked here



15% ranked here

[illegible]

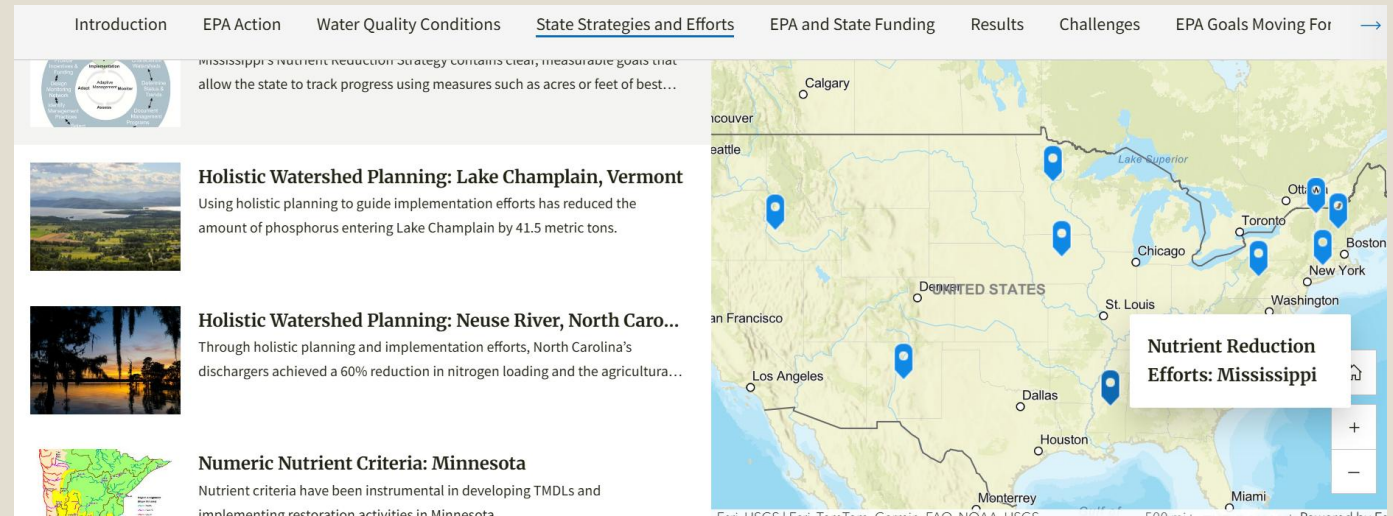
Which of the following examples of **regional** EPA technical assistance would be most useful for nutrient reduction success?



50% ranked here
 30% ranked here
 15% ranked here

Next Steps

- Review State Feedback
- Prepare recommendations for OW / Regional consideration
- Connect with States through ACWA for feedback before implementing
- Implement, Track, Report out



Please take the survey and reach out to Ward (wscott@acwa-us.org) with any questions.

<https://www.surveymonkey.com/r/2025StoryMap>

Thank you

Jaime Gaggero
Deputy Director, Water Division
U.S. Environmental Protection
Agency, Region 7
1-913-551-7977
gaggero.jaime@epa.gov

Amanda Reed
Nutrient Coordinator, Water Division
U.S. Environmental Protection Agency,
Region 7
1-913-551-7893
reed.amanda@epa.gov

