



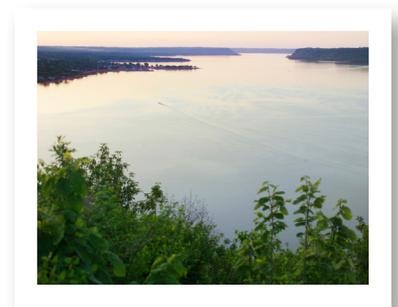
Clean Lakes, Rivers and Ground Water

BECAUSE every day Minnesotans make decisions that influence our state's 11,842 lakes, 6,564 natural rivers and 18.6 million acres of wetland.

UNIVERSITY RESPONSE University of Minnesota researchers and Extension educators discover scientific answers to questions about protecting and improving water resources – helping homeowners, farmers, local decision-makers, construction managers and landscape professionals make informed decisions on water quality.

RESULTS

- Lakeshores become more valuable and healthy when property owners, lake associations, landscape professionals and local government leaders use Extension expertise on shoreland revegetation, planting, erosion control and managing invasive species.
- Farmers achieve yields while minimizing impact on local water supplies by using controlled-drainage systems and fertilizing crops with precision.
- Wastewater from home septic systems and small communities presents less human or environmental health risks when research-based practices are used.
- Homeowners learn how to have a healthy lawn and reduce polluted runoff with education and assistance from Extension educators and Master Gardeners.
- Construction projects create less sediment and polluted runoff because of University technical resources and training for inspectors, project managers, contractors and designers.
- Livestock owners use Extension research to develop economically feasible and environmentally sound manure handling systems that protect surface and ground water while meeting federal and state regulations.
- Transportation professionals and agencies install hardy salt-tolerant grasses to reduce erosion along busy highways as a result of studies by University turf grass researchers.



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