



Redwood-Cottonwood River Watersheds Prioritization Targeting Tool



Clean Water Funds: 2013

Clean Water Grant	\$52,600
Leveraged Funds*	\$18,000
Total Project Budget	\$70,600

* Leveraged Funds include required 25% local match

Project Sponsor:

Redwood-Cottonwood Rivers Control Area (RCRCA)

Grant Period:

January 2013—December 2015

Project Contact:

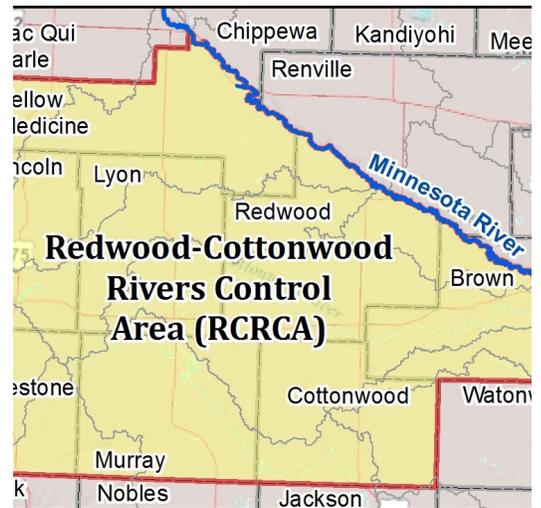
Douglas A. Goodrich



- AcceleratCWF13-113ed Implementation

Project Narrative

The Redwood and Cottonwood River Watersheds have been assessed and many reaches have been impaired for turbidity, bacteria, and low dissolved oxygen. This project will accelerate conservation efforts to reduce overland runoff sediment, bacteria, and nutrient loadings contributing to water quality impairments in targeted subwatersheds.



Activities through this project seek to create a suite of maps showing focus areas based on environmental sensitivity variables through Geographic Information System analysis using precision LIDAR data. This analysis will be applied to create maps and datasets for distribution to partners in an effort to expedite funding to accelerate project implementation in the highest priority targeted areas of the Redwood and Cottonwood watersheds. Another goal of the project is to provide a means for organizational partners for prioritizing and targeting areas for future funding and restoration addressing pollutant reduction goals.

Proposed Outcomes:

1. Create a LiDAR dataset that can be used to develop accurate hydrologic characteristics of the watershed.
2. Assess existing watershed conditions and identify critical source areas using Stream Power Index, the Compound Topographic Index, and Environmental Benefit Index
3. Generate Priority Area Maps

Actual Outcomes:

Project in Progress

