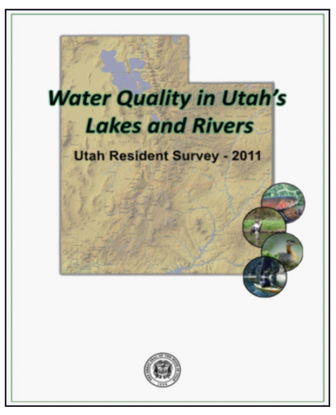
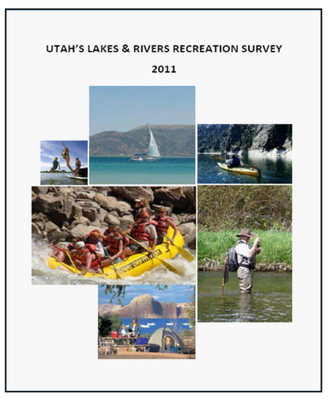
Nutrient Reductions

Economic Benefits

Gauging Public Opinion and Estimating Economic Benefits of Nutrient Reduction

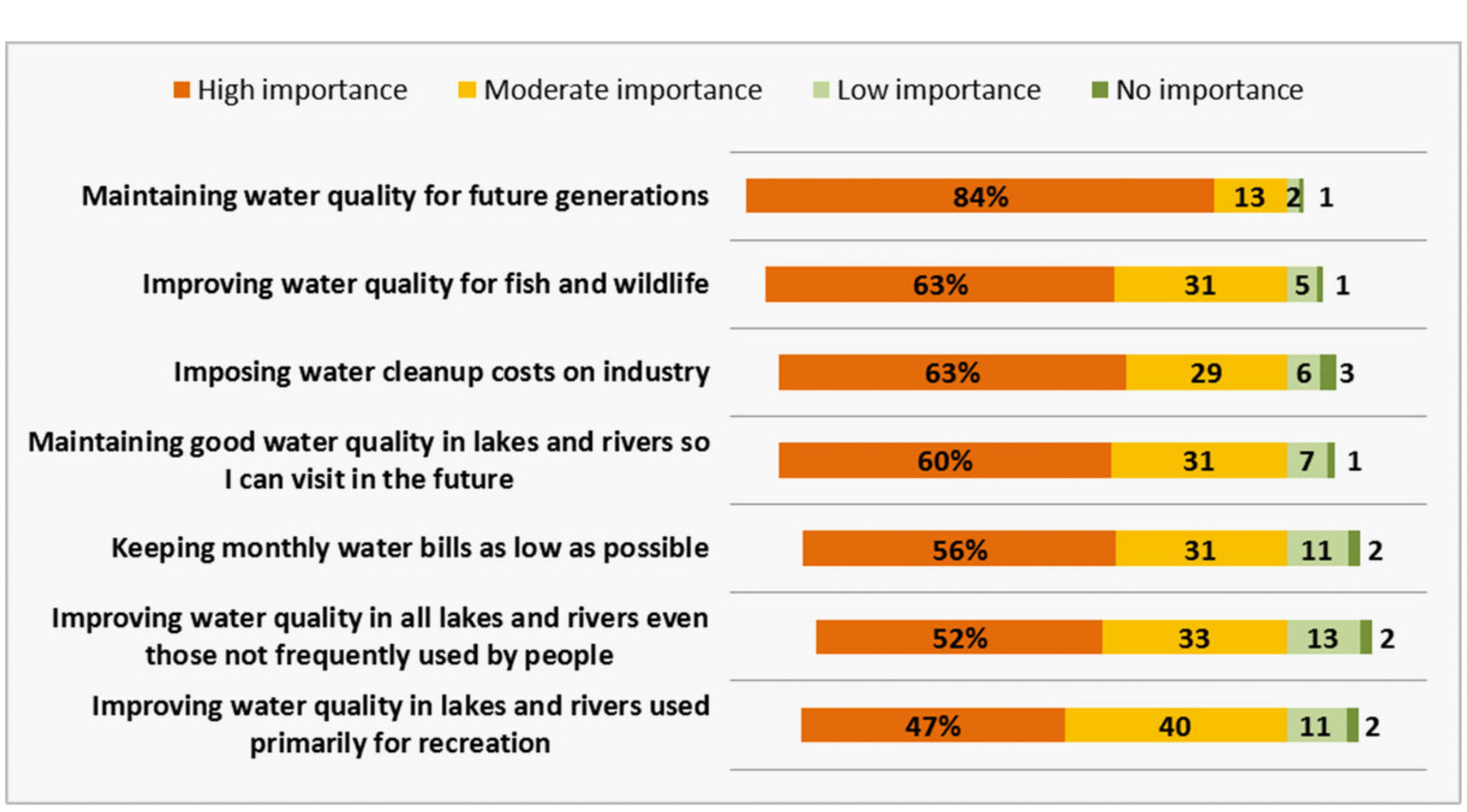
- Economic Benefits of Nutrient Reductions in Utah's Waters
  CH2M Hill, 2013
- Conducted Two Surveys of Utah Households via Mail
- Developed Future Water Quality Scenarios: Status Quo, Maintain, and Improve
- Estimated Total Economic Value and Recreation Value
- All Else Being Equal, People Prefer Recreating on Waters with Lower Nutrients and Higher Clarity





Improving Nutrient Problems Would Result in About $365 Million in Recreation Benefits

Importance of Factors Related to Preventing Impacts from Excess Nutrients (%)



Utah Household Willingness to Pay to Maintain or Improve Water Quality Due to Nutrient Enrichment

Recreation Group	Future Water Quality Scenario	Monthly		Annual	
		Lower Estimate	Upper Estimate	Lower Estimate	Upper Estimate
User	Maintain	$3.13	$13.61	$37.56	$163.36
	Improve	$8.11	$31.97	$97.37	$383.64
Non-User	Both	$2.19	$7.05	$26.33	$84.64

www.nutrients.utah.gov