



**FORESTRY, FIRE & STATE LANDS
REQUEST FOR PROPOSALS**

Cover Sheet



Project Title	Revegetation of native wetland plants to improve <i>Phragmites</i> management in the Great Salt Lake watershed		
Lead Project Sponsor	Utah State University		
Project Contact	Name: Dr. Karin M. Kettenring		
	Mailing Address: Dept. of Watershed Sciences, Utah State University, 5210 Old Main Hill, Logan, UT 84322		
	Phone Number: 435.797.2546		
	Fax Number: 435.797.1871		
	E-Mail Address: karin.kettenring@usu.edu		
Project Description / Abstract	<p>One of the most problematic invasive plants in Utah and North American wetlands is <i>Phragmites australis</i>. Yet, land managers still lack information on what are the most successful and cost effective management strategies for restoring habitat following phragmites removal. Most landowners are using herbicides to control phragmites, which is likely the most effective way to initially kill this plant. Nonetheless, herbicide application leaves large, disturbed areas that are ripe for phragmites reinvasion. Active revegetation by managers with native plants following phragmites control could greatly improve restoration of wildlife habitat. But, the best ways to restore critical habitat, such as emergent wetlands dominated by bulrushes, remains unclear. Here, I propose two studies to (1) identify the most effective revegetation techniques for establishing native bulrushes in wetlands and (2) identify bulrush genotypes that can best outcompete phragmites. The results from this work can be used by managers throughout northern Utah to more effectively restore phragmites-resistant native wetland vegetation.</p>		
Project Funding	<p><i>Amount requested</i></p> <p>\$74,775</p> <p>Year 1: \$45,918</p> <p>Year 2: \$28,857</p>	<p><i>Matching funds</i></p> <p>*USU does not allow listing of matching funds unless <i>required</i> by the granting agency.</p>	<p><i>Total project cost</i></p> <p>\$74,775</p> <p>*See Section 6.3C concerning project leveraging</p>