



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



Project Title	Patterns of nest site selection and the influence of diking on aquatic bird nesting success at Great Salt lake		
Lead Project Sponsor	Weber State University		
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Project Description / Abstract	<p>The conservation of avian populations at Great Salt Lake (GSL) depends on the identification and protection of habitat conditions that sustain healthy populations of coexisting species. Basic breeding biology information is needed to estimate population health and predict the tolerance or vulnerability of species to habitat changes and land management. Habitat suitability and breeding population health are best assayed by assessing breeding productivity. It is not sufficient to simply characterize avian habitat at nest sites. This information must be paired with information on breeding success. This project will build on an extensive monitoring effort of the breeding productivity and nest site selection of aquatic birds at GSL. In addition this project will use a standardized sampling protocol across local land management gradients (e.g. diked and undiked wetlands) to address the following –</p> <ul style="list-style-type: none"> - What features of the habitat predict the occurrence of breeding aquatic birds and is there a relationship between key components of the habitat and breeding success? - Does the presence of dikes affect the nest site selection of breeding aquatic birds? - Does diking reduce aquatic bird breeding productivity and if so why (e.g. increased predation, disturbance) 		
Project Funding	Amount Requested	Matching Funds	Total Project Cost
	\$ 75,000	\$ 83,335	\$ 158,335