



**FORESTRY, FIRE & STATE LANDS REQUEST  
FOR GRANT APPLICATION  
COVER SHEET**



<b>Project Title</b>	<b>Mapping wetland habitats and ecosystem functions in the Great Salt Lake</b>		
<b>Lead Project Sponsor</b>	Utah State University		
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<b>Project Description / Abstract</b>	<p>Great Salt Lake (GSL) wetlands support multiple ecosystem services, and wetland managers are tasked with trying to protect as many of those services as possible. However, different societal groups will value different, discordant ecosystem services, making it impossible to optimize all services simultaneously. Without knowledge of the spatial relationships between ecosystem services, managers and society may be unaware of synergistic opportunities to simultaneously maintain multiple services, or of unwanted trade-offs that negatively affect the provisioning of some services.</p> <p>This project will map wetland habitat types and ecosystem functions that support two vital ecosystem services—bird habitat provisioning and water quality improvement in the Bear River Migratory Bird Refuge and The Nature Conservancy’s Shorelands Preserve. The outputs from this project will serve as important baseline data by which managers can assess the consequences of changes in habitat structure and function in GSL wetlands over time, and how that may influence the provisioning of ecosystem services.</p>		
	Amount Requested	Matching Funds	Total Project Cost
<b>Project Funding</b>	\$39,857	**USU does not allow matching funds**	\$39,857