Last	First		ng Restoration Opportunities Public Input Comment				
Name	Name	Organization	Theme	Input Text	The BLM		
Baca	Mauricia	The Nature Conservancy (TNC)	Groundwater- Dependent Ecosystems	We encourage the BLM to specifically identify groundwater-dependent ecosystems (GDEs) as high priority restoration areas. Over 40 percent of Nevada's endemic species rely on GDEs for all or part of their water needs. GDEs are also critical sources of drinking water, recreation, economic, and other benefits for people in Nevada.	The BLM S https://heri data reviev		
Baca	Mauricia	The Nature Conservancy	Groundwater- Dependent Ecosystems	Using data from TNC in Nevada, as well as data from the LANDFIRE Program, Desert Research Institute, Springs Stewardship Institute, and Nevada Natural Heritage Program, we partnered with the Nevada Department of Wildlife to map spatial GDE data. More recently, we assessed stressors and threats to GDEs in Nevada. The Indicators of Groundwater- Dependent Ecosystems (iGDEs) data are publicly accessible online at: https://heritage.nv.gov/programs/ wetland-program, and we expect the stressor and threat data to be available there in the next week as well. The database identifies areas with the highest likelihood of groundwater ecosystems, and where stressors and threats to GDEs are highest due to different risk factors. We encourage the BLM to use these data to consider which GDEs are high priority areas for restoration. Restoration practices in these areas should also be in concert with conservation objectives. Combined, conservation and restoration can improve and sustain the functionality and resiliency of GDEs.			
Baca	Mauricia	The Nature Conservancy	Climate Migration Corridors	The highest priority areas should be those where restoration success would yield the greatest gains in terms of habitat connectivity and continuity.	Thank you		
Васа	Mauricia	The Nature Conservancy	Climate Migration Corridors	TNC encourages the BLM to identify climate adaptation corridors as another critical network of lands to restore (and protect). TNC developed the Resilient and Connected Landscapes mapping tool to spatially depict the networks of connected landscapes through which plant and animal species are predicted to move as the climate changes. The mapping tool is available online at: http://maps.tnc.org/resilientland/.	The BLM S data from t http://maps incorporate of climate-a		

1 SNDO incorporated GDEs from the website eritage.nv.gov/programs/ wetland-program into our iew and models.

1 SNDO incorporated GDEs into our data review dels. We will review the stressor and threat data ps://heritage.nv.gov/programs/ wetland-program e data are available.

ou for your comment.

M SNDO reviewed the climate-adaptation corridors m the eastern United States Coastal Plain (see aps.tnc.org/resilientland/). The BLM SNDO may rate stressor and threat data specific to the mapping te-adaption passages, when Nevada data are available.

Last	First	District: Mappin	Comment			
Name	Name	Organization	Theme	Input Text	The BLM	
		The Nature	Climate Migration	Our science team at the Nevada Chapter are developing more specific mapping data of climate adaptation passages in Nevada, such as the Monsoon Passage. We hope these data will be available to share in time for the BLM to include them in	The BLM S data from t http://maps incorporate	
Baca	Mauricia	Conservancy	Corridors	the final habitat restoration map.	of climate-a	
Baca	Mauricia	The Nature Conservancy	Restoration	To minimize the need for future restoration and maximize restoration investments in areas where they will have the greatest positive outcomes, TNC urges the BLM to continue implementing a smart from the start approach to planning and project decision making. A hallmark of this approach is to locate new disturbances, such as energy and infrastructure projects, in areas that have already been disturbed. Avoiding new development in areas with no previous disturbance avoids the need for future restoration following project construction, operation, and decommissioning.	Thank you restoration for develop	
Baca	Mauricia	The Nature Conservancy	Restoration	Employing a smart from the start perspective is also important for identifying priority restoration areas. Some disturbed areas with a lower priority for restoration based on the potential for restoration success, habitat benefits, or related factors, may be prime areas for future energy and infrastructure development. For example, a disturbed area near an existing electrical substation could be a smart choice for a future solar energy generation project. TNC encourages the BLM as part of this project or a subsequent effort to incorporate GIS data that show disturbed areas with limited restoration benefit but high potential for smart from the start energy development based on proximity to other critical infrastructure. Displaying these areas relative to higher priority restoration areas could also help inform mitigation planning associated with current and future energy and infrastructure projects. Higher priority restoration areas near disturbed areas with low restoration potential could be primary candidates for mitigation investments from adjacent development.	Thank you restoration for develop	
LaRue	Edward L	Desert Tortoise . Council	Wildlife	As a minimum, to identify restoration opportunities for habitats that have the greatest benefit to threatened and endangered species and migratory birds, the BLM should begin its focus on critical habitat and linkage habitats between critical habitat units for the Mojave desert tortoise and other listed species as identified in the scientific literature.	Thank you habitat, wil	

1 SNDO reviewed the climate-adaptation corridors in the eastern United States Coastal Plain (see aps.tnc.org/resilientland/). The BLM SNDO may rate stressor and threat data specific to the mapping e-adaption passages, when Nevada data are available.

ou for your input. This study involves mapping on opportunities. This study does not involve siting lopment.

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ou for your input. This study incorporates critical wildlife corridors, and listed species' habitats.

	First		Comment		
Name	Name	Organization	Theme	Input Text	The BLM
				If restoration is to occur on land managed by the BLM, the lands should: - Be based on available tortoise density and distribution data so as to target areas that continue to support substantial numbers of tortoises, relative to our current knowledge [U.S. Fish and Wildlife Service (USFWS) 2022a, 2022b]; - Be located within desert tortoise critical habitat (USFWS 1994), habitat linkage corridors (Averill-Murray et al. 2021), Areas of Critical Environmental Concern (ACECs) dedicated to tortoise conservation and recovery, Tortoise Conservation Areas (TCAs) [critical habitat] identified in the Desert Renewable Energy Conservation Plan (DRECP; BLM 2016), and recent	Feinberg e desert torr
				models (Feinberg et al. 2019, Gray et al. 2019, etc.);	expert Roy
_aRue	Edward L.	Desert Tortoise	Wildlife	- particularly where they occur in the above designated areas, select lands recently burned that are known to have supported tortoises prior to the wildfire event;	following d
		Desert Tortoise		If restoration is to occur on land managed by the BLM, the lands should: be identified, in part, with input from (1) knowledgeable agency biologists, including U.S. Geological Survey (USGS), USFWS, Nevada Department of Wildlife, Utah Division of Wildlife Resources, California Department of Fish and Wildlife, and Arizona	The BLM S
_aRue	Edward L.	Council	Wildlife	Game and Fish Department; (2) desert tortoise researchers; and (3) Mojave Desert plant biologists and plant ecologists,	public to ic
				If restoration is to occur on land managed by the BLM, the lands should: - be withdrawn from mineral entry; - prohibit off-highway vehicle use except when necessary to maintain existing utilities and conduct scientific research; - prohibit development including new utilities, particularly solar fields; - prohibit agriculture unless there are data that, when analyzed, show that agriculture would benefit the listed species that occur in the area; - prohibit the future sale or relinquishment of the land; - secure groundwater and surface water rights; - prohibit grazing in riparian and wetland areas;	
				- provide BLM with sufficient funding to manage and enforce these management designations; and, most important,	This study
	1	Desert Tortoise	1	- give BLM the ability to place permanent conservation easements on these lands so they cannot be "developed" in the future	manageme

1 SNDO reviewed the Averill-Murray et al. 2021 nd reviewed the four data sets used in the P. g et al. 2019 study. The BLM discussed best available ortoise GIS data with US Fish and Wildlife Service Roy Averill-Murray. The BLM SNDO used the g data sets for the desert tortoise: omnidirectional ivity, least-cost corridors, and focal areas.

1 SNDO is working with other agencies and the identify opportunities for restoration.

dy does not amend or supplement current resource ment plans. However, this study may be used for in future planning efforts.

Last Name	First		Comment		
	Name	Organization	Theme	Input Text	The BLM
				In addition to the Abella and Berry (2016) resource, it is important that BLM use available literature to develop	
				successful restoration techniques (Abella et al. 2015, Chiquoine et al. 2016, Esque et al. 2021). It is equally important	Thank you
				that science-based monitoring plans are developed, funded, and implemented to ensure restoration success; that there be	restoration
				money available to implement adaptive management techniques when science-based success criteria are not met; and that the	e The BLM SI
				BLM develop (if not already) a database of both existing scientific literature and results of studies resulting from this effort to	Las Vegas; t
		Desert Tortoise		be shared widely with both the public sector (see list of agencies identified above) and private entities, like consultants,	community
LaRue	Edward L	. Council	Wildlife	who are responsible for restoration on private lands.	techniques.
				Paraphrased from transcript of verbal comments: I am concerned about using genetically engineered seed in restoration	
				projects. And I'm not saying it's [using genetically engineered seed in restation projects] even the worst idea to do, the	Seed that is
				problem is they're not recording it, we should be learning, we should document what we're doing and do it, transparently	organism) is
Wilson	Josh	Not applicable	Restoration	and openly.	restoration

ou for your input. This study focuses on mapping on opportunities rather than restoration techniques. I SNDO is working with the University of Nevada, s; the US Geological Survey; and the restoration ity to develop and incorporate new restoration es.

t is native and non-GMO (genetically modified n) is and will continue to be used in BLM SNDO on projects.