

Collaborative Training for Virtual Fencing Implementation for Sustainable Rangeland Management under Environmental Uncertainty

Objective: By the end of the project period, increase knowledge, skills, and technical capacity for VF evaluation, implementation, operation, and economic assessment among western rangeland professionals and producers, including: ranchers; Arizona, New Mexico, and California Cooperative Extension professionals; NRCS; USFS; NGOs; and local land management agencies.								
Activities and Methods	2022	2023				2024		
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Start Date: October 1, 2022								
Project Coordination Meetings								
Preparation for professional development trainings								
Conduct a cost-benefit analysis								
Based on VF field trials, create outreach materials (fact sheets, training guide, demonstration video)								
Reach target audiences through Arizona, New Mexico, and California Extension; land management agencies; NGOs; RP; Arizona Society for Range Management; and producer organizations. Underserved communities will be reached through collaboration with UArizona's Federally Recognized Tribal Extension Program.								
On-ranch workshops with field demonstrations								
Coordinate workshop agendas including speakers and logistics for field demonstrations and prepare learning packets								
Host three full-day, field-based professional development workshops to train ranchers and land managers in VF technology at SRER (southern Arizona), V-Bar-V Ranch (central Arizona), and Springerville, AZ (eastern Arizona).								
Evaluate participant learning and workshop outcomes								
Web-based courses								
Based on workshop feedback, coordinate agendas and logistics for web-based courses								
Host three one-hour web-based courses demonstrating the fundamentals of VF implementation and economics. Courses will be recorded.								
Evaluate participant learning and course outcomes								
Online Dissemination								
Create and maintain webpages on RP's Rangelands Gateway and ACE's Beef Cattle for fact sheets, training guide, demonstration video, recorded web-based courses, and related materials								
Using established communication channels (RP, ACE, Santa Rita Ranch LLC social media/electronic newsletters), create and disseminate an online marketing campaign for announcements, invitations, dissemination of results, and announcements of availability of online resources								
End Date: September 30, 2024								