

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 | | | | | | | | |