

# UC ANR Water Webinar



## On-ranch drought planning and adaptation: What we've learned and where we're heading with research and extension efforts in California

By

Grace Woodmansee, UCCE Livestock and Natural Resources Advisor, UC ANR

Day/Time: Monday 11/28, 12 - 1 PM

Join Zoom Meeting:

<https://ucmerced.zoom.us/j/93722796133?pwd=a2FsKzBTUGVtOEovSTNVanRSNjZMdz09>

Meeting ID: 937 2279 6133; Passcode: 92837

**Speaker Bio:** Grace is the UC Cooperative Extension Livestock and Natural Resources Advisor for Siskiyou County in far-northern California. She earned undergraduate degrees in Animal Science and Sociology from CSU, Chico and a Master of Science in Agronomy at UC Davis. Grace's graduate work focused on drought adaptation and used rancher interviews to determine what management strategies were most effective in managing through historic drought conditions. Working with local ranchers, she continues to develop drought management resources in her research and extension program.

**Abstract:** California's historic, statewide drought (2012-2016) challenged the ability of ranchers to adapt to unprecedented conditions while maintaining the economic and ecological sustainability of their operations. I will review our work examining how California's historic drought shaped on-ranch drought impacts and management strategies via two separate research efforts: The California Rangeland Decision-Making Survey (2011) and semistructured interviews conducted during the drought (2016). In addition, I will introduce a decision support tool for ranchers that we developed based on this research. Decision-support tools can help ranchers match their preferred proactive drought management strategies with cost-effective, operation-specific reactive management strategies, therefore increasing the use of science-based decision-making during drought.

**Host:** Safeeq Khan & Ellen Bruno, CE Specialists UC ANR