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Sources of Additional Technical Information on Ecology and Management of California Grasslands

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- Tracy Schohr, Director of Rangeland Conservation, California Rangeland Conservation Coalition (tracy@carangeland.org, <http://www.carangeland.org>)
- Nita Vail, Chief Executive Officer, California Rangeland Trust (NVail@rangelandtrust.org, <http://www.rangelandtrust.org>)

Two Recent UC Press Books—latest summaries of science

- Barbour, M.G., T. Keeler-Wolf, and A. Schoenherr (Eds.). 2007. **Terrestrial vegetation of California**, Third Ed. Berkeley: University of California Press.
- Stromberg, M.R., J.D. Corbin, and C.D. D'Antonio. 2007. **California grasslands, ecology and management**. Berkeley: University of California Press.

Booklets on Grazing Management

- Bush, L. 2006. **Grazing handbook, a guide for resource managers in coastal California**. Santa Rosa: Sotoyome Resource Conservation District. (<http://sotoyomercd.org/library.html>)
- Giusti, G.A., D.D. McCreary, and R.B. Standiford. 2005. **A planner's guide for oak woodlands**. Pub. #3491, University of California Division of Agriculture and Natural resources. (<http://anrcatalog.ucdavis.edu/TreesShrubs/3491.aspx>)

California Rangelands Research and Information Center (<http://californiarangeland.ucdavis.edu/>).

The website of the California Rangelands Research and Information Center (CRRIC) at UC Davis provides a comprehensive source of current scientific documents from University of California scientists about California rangeland management, including planning, livestock production and grazing, vegetation, biodiversity, monitoring, social issues, and water quality; and about rangeland management education opportunities and history of the profession in California.

University of California Cooperative Extension Websites with Rangeland Management Resources and Newsletters

http://celassen.ucdavis.edu/Farm_Advisor/Livestock_and_Range_Management/

http://cemarín.ucdavis.edu/Programs/Agriculture_and_Natural_Resources123/

http://cemendocino.ucdavis.edu/Livestock_and_Range_Management/
Grazers Gazette (newsletter)

http://cemodoc.ucdavis.edu/Livestock_Management/
Modoc Ranch Roundup (newsletter)

<http://ceplacer.ucdavis.edu/Livestock/>
Foothill Rancher (newsletter)

http://ucce-plumas-sierra.ucdavis.edu/Livestock_and_Range_Management193/

http://cesanluisobispo.ucdavis.edu/Custom_Program355/
Range, Oak, and Watershed (newsletter)

http://cesantaclara.ucdavis.edu/Natural_Resources/
Keeping Landscapes Working (newsletter)

http://ceshasta.ucdavis.edu/Livestock_and_Range_Management/
Northern California Ranch Update (newsletter)

http://cesiskiyou.ucdavis.edu/Livestock_and_Range_Management/
Siskiyou Stockman (newsletter)

http://cesolano.ucdavis.edu/Livestock_and_Range_Management/
Local Fodder Newsletter

http://cesonoma.ucdavis.edu/Livestock_and_Range_Management/
Stock Exchange Newsletter

http://cestanislaus.ucdavis.edu/Livestock_and_Range_Management/
Livestock Lines (newsletter)

http://cesutter.ucdavis.edu/Livestock_and_Range_Management/
Herd Round the Range (newsletter)

http://cetehama.ucdavis.edu/Livestock_and_Range_Management/
Livestock & Range News (newsletter)

http://ucanr.org/sites/Tulare_County/Agriculture782/Livestock

California Rangeland Conservation Coalition (CRCC) (<http://carangeland.org>).

The CRCC is a ground-breaking partnership between environmental, agriculture, scientific, and government agencies and organizations, some of which are traditionally adversaries. The Coalition began in 2004 when the USFWS, Defenders of Wildlife, and California Cattlemen's Association (CCA) recognized a growing common interest in preserving and protecting private rangelands as essential to wildlife and the continued viability of California's ranching industry. Its California Rangeland Resolution declares the member groups will collaborate to protect and enhance the grassland and oak woodland landscape that encircles California's Central Valley, including the Sierra Nevada foothills and the interior Coast Ranges. The coalition promotes stewardship demonstrations and awards, outreach, a legislative strategy, agency and permit coordination, identification of research gaps and facilitation of priority research, and funding for related wildlife and rangeland projects.

Central Coast Rangeland Coalition (CCRC) (<http://www.centralcoastrangeland.org>)

The CCRC is a non-profit consensus-driven organization of rangeland managers and professionals dedicated to improving the sustainability of central coast rangelands and associated livestock operations and communities. Its activities include meetings twice per year that focus on current issues important to the on-the-ground rancher or agency manager or to planners, conservation organizations, and agency technical assistance providers. It has been working for 6 years to develop an affordable science-based system to monitor rangeland health on member properties. Based on numerous meetings, focused workshops, and subsequent review by a panel of scientists, the monitoring system was designed to demonstrate whether a rangeland property is "fundamentally healthy" in its constituent ecological, social, and economic systems. The measurement methods for each indicator were tested from 2007 to 2010.

Coastal Training Program (CTP) at the Elkhorn Slough National Estuarine Research Reserve (<http://www.elkhornsloughctp.org>).

The CTP provides workshops and field trips for professionals to learn about and review the science available on important topics about the management of coastal resources. Past workshops have focused on—special-status species, grasslands monitoring and management, coastal prairie, maritime chaparral, serpentine grassland, riparian areas, and tidal wetlands. Educational opportunities also include scientific review panels, a website supporting a large set of scientific documents from the workshops, and endangered species "fact sheets." Measures of the program's success are the full meeting halls, high attendance rates of consultants and agency officials, who usually can't afford the time, and extensive post-event positive evaluation data. Future plans include customized short workshops and topic synopses for planning agencies at their sites.

Specialized Professional Skills for Rangeland Management.

The California Code of Regulations and Public Resources Code requires licensing as a Certified Rangeland Manager (CRM) to conduct professional planning and management activities for non-federal rangeland landscapes with the ecological potential to support significant stands of native

tree cover (<http://www.rangelands.org/casrm/HTML/certified.html>). Possession of the CRM license assures colleagues and prospective employers that educational and experience standards have been met and a code of ethics is followed. The California-Pacific Section of the Society for Range Management (CalPac) operates the certification program. The Foresters Licensing Office of the California Board of Forestry and Fire Protection licenses the CRMs after they pass a comprehensive exam in rangeland resource ecology, management, economics, measurement, and policy.

Certified or licensed professionals in other specialties are often required for: (a) studies and handling of special species (entomologists, wildlife biologists, and botanists must be permitted by the USFWS to work with each listed species); (b) plans for erosion and sediment control (Certified Professionals in Erosion and Sediment Control are certified by the professional association, CPESC, Inc.) and stormwater quality (Certified Professionals in Stormwater Quality are certified by the professional association, CPSWQ, Inc.); and (c) applications of pest controls and pesticides [Certified Pesticide Applicator licenses are awarded by the California Department of Pesticide Regulation (CDPR 2009d)].