

**BOARD OF FORESTRY RANGE MANAGEMENT ADVISORY COMMITTEE
MEMBER NOMINATION FORM**

Please use a separate sheet for each nominee: Use additional pages to expand upon nominee's background and qualifications where needed. Please type or print clearly.

EMAIL to: Kristina.wolf@bof.ca.gov, or

MAIL to: Board of Forestry, P.O. Box 944246, Sacramento, CA 94244-2460,
Attention Kristina Wolf

1. Name of Nominee: Joel Kramer
2. Address: REDACTED
3. Telephone Number: REDACTED
4. Check the appropriate representation of nominee:
Public Organization RCD of Greater San Diego County (print name of org)
5. Is the nominee willing to serve: Yes Not Known
6. Brief resume of the nominee's background and qualifications:
Joel is the Regional Agricultural Specialist for our RCD. He has been in this role for about eight months. Part of his role is to lead a CDPA Healthy Soils program demonstration project on prescribed grazing - this involves working with the Rancher to support implementation + host outreach events to inform the ranching community. Joel leads all of our soil health work, much of which is targeted at the ranching community. He is knowledgeable, well spoken + thoughtful + I am confident he will make an excellent contribution to R.M.A.C.
7. PRINT name of nominator: Ann Baldrige
8. Address: REDACTED
9. Telephone: REDACTED
10. Group represented, if any: RCD Greater San Diego County



Resource Conservation District of Greater San Diego County
11769 Waterhill Rd., Lakeside, CA 92040

Phone: (619) 562-0096 ✨ Fax: (619) 562-4799
Website: www.rcdsandiego.org

Letter of Interest: Range Management Advisory Committee Member Nomination

October 22, 2021

Kristina Wolf, Environmental Scientist
California State Board of Forestry & Fire Protection
P.O Box 944246
Sacramento, CA 94244

Dear Ms. Wolf:

I am honored to be nominated to join the Range Management Advisory Committee (RMAC). As the Regional Agricultural Specialist at the Resource Conservation District of Greater San Diego County (RCDGSDC), my responsibilities are directly related to the issues addressed by RMAC, including providing technical support to farmers and ranchers to improve soil health. The RCDGSDC is a non-enterprise special district working on a range of environmental conservation programs across the majority of grazing lands in San Diego County. Our organization has participated in RMAC for the past several years and would like to remain involved following the retirement of our previous Executive Director, Sheryl Landrum.

Agricultural technical assistance has personal significance for me, as each of my grandfathers worked in livestock management and crop research. I have followed suit, studying conservation and management as an undergraduate and watershed management as a graduate student. My Master's Thesis in Geography from San Diego State University was earned through my study of how water shortages affected agricultural producers, using both remote sensing and sociological methods. My professional career in conservation has combined habitat restoration, agricultural research, environmental monitoring and community engagement in non-profit organizations, university settings and private consulting. I have greatly enjoyed applying my skillset at the RCDGSDC, where I started in February of this year.

Rangeland management first became a focus of RCDGSDC programs in 2017, when we created the first Carbon Farming Plan in Southern California for a ranch in Northern San Diego County. We are currently managing a prescribed grazing demonstration project at Rancho Jamul with Rancher John Austel, with support from the California Department of Fish and Wildlife and Department of Food and Agriculture, including implementation, monitoring and outreach. We hold semiannual outreach events which emphasize prescribed herbivory to reduce fuel loads and techniques to improve drought resilience. In addition, we are building advocacy for San Diego County ranchers in a 2-year regional planning effort. We look forward to continuing our work to improve rangelands in California as members on the RMAC.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kramer".

Joel Kramer
Regional Agricultural Specialist
Resource Conservation District of Greater San Diego County

Conserving Our Natural Resources

Joel Kramer

REDACTED

Conservation Program Manager

During my decade of experience in land management I have restored 120 acres of native habitat, analyzed the carbon content of organic soils, and advised farmers on adaptations to water shortages. I enjoy developing partnerships and firmly believe that cooperative conservation efforts are our greatest tool to combat climate change.

SKILLSET

Communication – Agricultural Education, Community Outreach, Spanish Fluency, Technical Reporting

Conservation – Climate Planning, Crop Cultivation, GIS Mapping, Soil and Water Analysis, Weed Management

Management – Budget Design and Tracking, Program Development, Team Coordination, Strategic Planning

EXPERIENCE

Agricultural Specialist, Resource Conservation District of Greater San Diego County *Feb '21 – Present*

- Engage agricultural producers in healthy soils practices including two CDFA-funded demonstration programs
- Monitor and analyze benefits of implementation of carbon farming practices for largescale adoption
- Conduct bilingual outreach and technical assistance through literature, meetings and workshops

Adjunct Professor, San Diego State University, San Diego, CA and Mexicali, BC *Aug '16 – Present*

- Design and teach course for graduates and professionals on climate impacts to water resource management
- Coordinated research team to survey farmers about water shortages; presented to officials in Mexico and U.S.

Environmental Scientist, Weston Solutions, Carlsbad, CA *Dec '18 – Jan '21*

- Composed jurisdictional reports such as Water Quality Improvement Plans or groundwater quality monitoring
- Analyzed geospatial data to select sites for revegetation and stormwater infiltration in County of Los Angeles

Watershed Program Manager, Groundwork Chollas Creek, San Diego, CA *Jun '15 – Aug '16*

- Cultivated relationships with elected officials to raise support for restoration of 20-acre urban canyon complex
- Mentored 18 low-income youth in green careers with agricultural education and community engagement

Environmental Manager, Castle Rock Conservancy, Cape Town, SA *Oct '13 – Jan '15*

- Developed habitat restoration company and employed 15 vulnerable youth to remove 100 acres of invasives
- Obtained funding from national government and private match to restore habitat adjacent to national reserve

Associate Biologist, Nature Collective, Solana Beach, CA *Jun '10 – Jun '13*

- Quadrupled volunteers to 500/yr and trained skilled weekly stewards to restore coastal wetlands and scrub
- Conducted outreach to residents, businesses and agencies to gain access to 1000's of acres for invasive removal

EDUCATION

M.S. Geography, San Diego State University, 2019; conc. Watershed Science

B.S. Fishery Science, University of Washington, 2010; conc. Conservation and Management - Honors Program

Environmental Evaluation Unit (Foreign Exchange), University of Cape Town, South Africa (2009)

Arava Institute of Environmental Studies (Foreign Exchange), Ben-Gurion University of the Negev, Israel (2008)

Relevant study: Climate Change Policy, Ecology, Environmental Ethics, Hydrology, Monitoring Techniques, Remote Sensing, Resource Management, Soil Erosion, Soil Science, Sustainable Agriculture, Watershed Analysis

PRESENTATIONS AND PUBLICATIONS

- Re:Border SDSU. Dec 2019. *Dynamics of Water Availability in Aridland Agriculture*.
Water Data Science Symposium. July 2019. *Slough of Information for the Public*.
SDSU Student Research Symposium. March 2018. *Adaptations to Water Scarcity in Aridland Agriculture*.
ESRI Water. January 2018. *Remote Sensing of Agricultural Water Scarcity*. Remote Sensing Session.
IWA Young Water Professionals. December 2017. *Detecting farmer responses to water scarcity with remote sensing*.
SERCAL. Schaefer C. and Kramer J. Spring 2016. *Chollas Creek Watershed Benefits: Collaborative Creek Restoration*.
Varner D. and Kramer J. 2012. *Landowner Permissions Database: A crucial component of regional invasive vegetation control*. *Ecosis* 22, 1: 7-8.
Jackson L. and Kramer J., et al. 2011. *Case study on potential agricultural responses to climate change in a California landscape*. *Climatic Change*.
Jackson L. and Kramer J., et al. 2009. *Potential for Adaptation to Climate Change in an Agricultural Landscape in the Central Valley of California*. California Climate Change Center.

GRADUATE AWARDS AND FELLOWSHIPS

- Environmental Leadership Pacific Regional Fellowship - 2020 Cohort
Cotton-Bridges Award for Environmental GIS - 2018
Montaha Deek Curti Scholarship for Work in Social and Environmental Justice - 2018
Vivian Finch Scholarship for Research in Latin America - 2017
Ned Greenwood Scholarship for Physical Geography - 2017
Desert Protective Council Norma Sullivan Memorial Scholarship - 2016

MEMBERSHIIPS

<i>Professional</i>	<i>Personal</i>
Association of Environmental Professionals	Green New Deal Alliance
Ecological Society of America	Kumeyaay Cultural Center
International Water Association	Nature Collective
Society for Ecological Restoration	Tree People

COMMUNITY

- San Diego Green New Deal Alliance - Justice, Equity, Diversity, Inclusion Subcommittee Chairperson
- Environmental Leadership Program 2020 California Regional Fellow
- Participant at San Diego County Water Authority - Integrated Regional Water Management meetings
- Volunteer Translator at Alliance and Rapid Response Network
- Volunteer Team Leader at Groundwork and Project New Village

INTERESTS

Arid permaculturist, Bike explorer, Curious chef, Greywater harvester, Language learner, Mexico weekender