

# 15. Watershed Resources & References

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## Links to Other Organizations and Information

### Management Practices Promoting Resource Conservation

**Home\*A\*Syst/Farm\*A\*Syst Program.** These are model stewardship-based programs for homeowners and farmers assisting in the conservation of agricultural and natural resources. The program is a cooperative effort between the Northeast Regional Agricultural Engineering Service (NRAES) and the University of Wisconsin. For more information: NRAES, Cooperative Extension, 152 Riley-Orb Hall, Ithaca, NY 14853-5701; (607) 255-7654. The San Joaquin County Resource Conservation District, with the cooperation of the NRAES has adapted the Home\*A\*Syst model into a watershed owners manual for the Lower Mokelumne River. For more information: [www.nraes@cornell.edu](http://www.nraes@cornell.edu), [Homeasys@uwis.edu](mailto:Homeasys@uwis.edu)

**Horses for Clean Water.** Publishes *Healthy Horses, Clean Water - Horses for Clean Water* - a program developed by horse owners for horse owners to promote horse health and environmental health. [www.horsesforcleanwater.com](http://www.horsesforcleanwater.com)

**Lodi-Woodbridge Winegrape Commission – Winegrower’s Workbook.** View on-line and/or order your copy of the groundbreaking *Lodi Winegrowers Workbook* promoting farm stewardship for vineyard owners and managers. [www.lodiwine.com](http://www.lodiwine.com)

**National Stormwater Best Management Practices Database.** Database of BMP performance data for over 150 BMP studies. Developed by the Urban Water Resources Research Council. [www.bmpdatabase.org](http://www.bmpdatabase.org)

**San Joaquin County Resource Conservation District Lower Mokelumne River Watershed Stewardship Plan.** [www.sjcrd.org](http://www.sjcrd.org)

**University of California, Davis B Rangeland Watershed Program** Provides extensive links and information for managing rangelands to conserve resources. <http://agronomy.ucdavis.edu/calrng/RWP.html>

**United States Environmental Protection Agency – Stream Monitoring:** On-line guide for developing a citizen water-quality monitoring program, *Volunteer Stream Monitoring*. [www.epa.gov/volunteer/stream/index.html](http://www.epa.gov/volunteer/stream/index.html)

**Yolo County Resource Conservation District.** Order your copies of these excellent publications: *Bring Farm Edges Back to Life! How to Enhance Your Agriculture and Farm Landscape with Proven Conservation Practices*

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*for Increasing the Wildlife Cover on Your Farm; Know Your Natives: A Pictorial Guide to California Native Grasses* [www.volorcd.ca.gov](http://www.volorcd.ca.gov)

### **Lower Mokelumne River & Other Watershed Stewardship Information**

**California Environmental Resources Evaluation System (CERES).** Information on San Joaquin County's flood conditions, demographics, land uses, historical and cultural resources, recreation, special status species, water resources, vegetation and habitats with maps, photos and other documents.

[www.ceres.ca.gov/geo\\_area/counties/San\\_Joaquin/](http://www.ceres.ca.gov/geo_area/counties/San_Joaquin/)

**California Rivers Assessment.** Provides extensive information and links describing the status of California Rivers and their resources. [www.endeavor.des.ucdavis.edu/newcara/](http://www.endeavor.des.ucdavis.edu/newcara/)

**Central Sierra Watershed Coalition.** Grass roots organization for the protection and eco-restoration of the five rivers of the central Sierra Nevada: Mokelumne, Calaveras, Stanislaus, Tuolumne and Merced. [www.cswc.org](http://www.cswc.org)

**City of Lodi's Storm Drain Detectives.** A citizen volunteer and education program monitoring water quality along the lower Mokelumne River, including Lodi Lake.

[www.lodi.gov/Storm%20Drain%20Detectives/index.htm](http://www.lodi.gov/Storm%20Drain%20Detectives/index.htm)

**Mokelumne-Cosumnes Watershed Alliance.** Provides oversight for and links to multiple watershed planning efforts ongoing for the Mokelumne and Cosumnes River watersheds. [www.mcwatershed.org](http://www.mcwatershed.org)

**National Association of Conservation Districts.** Environmental Education links.

[www.nacdnet.org/resources/links.htm#EviEd](http://www.nacdnet.org/resources/links.htm#EviEd):

**City of Sacramento Stormwater Management Program.** Good information on stormwater management including information for teachers and programs for volunteers to protect water quality. [www.sacstormwater.org](http://www.sacstormwater.org)

**Sacramento-San Joaquin Delta Atlas.** On-line copies of the Sacramento-San Joaquin Delta Atlas. Extensive photos, history and resource information for the Delta. [http://rubicon.water.ca.gov/delta\\_atlas.fdr/daindex.html](http://rubicon.water.ca.gov/delta_atlas.fdr/daindex.html)

**San Francisco Estuary Project B State of the Estuary Reports.** Link is to the Bay/Delta Estuary's biological resources report. [www.abag.ca.gov/bayarea/sfep/reports/soe/soe4a.htm](http://www.abag.ca.gov/bayarea/sfep/reports/soe/soe4a.htm)

**San Joaquin County Resource Conservation District Lower Mokelumne River Watershed Stewardship Plan.** [www.sjcrd.org](http://www.sjcrd.org)

**Shodor Education Foundation, Inc.: Surface Water Runoff Modeling.** Examining the effect of soil type, ground cover type, and rainfall amount on the quantity of water runoff.

[www.shodor.org/master/environmental/water/runoff/index.html](http://www.shodor.org/master/environmental/water/runoff/index.html):

**UC Davis Information Center for the Environment.** A collaboration of UC Davis scientists and private, state, federal and international resource agencies and efforts. Provides extensive links related to resource conservation and programs. [www.ice.ucdavis.edu](http://www.ice.ucdavis.edu)

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**UC Davis Land, Air & Water Resources Department.** Link to Dr. G. Pasternack's research on the Mokelumne River Salmon Spawning Gravel Restoration project. Includes Areal-time® link to stream conditions at the Camanche Reservoir. <http://lawr.ucdavis.edu/faculty/gpast/mokelumne.html>

**U.S. Environmental Protection Agency's Office of Ground Water and Drinking Water Quality.** Provides extensive information on water quality and non-point source pollutants. [www.epa.gov/OGWDW/](http://www.epa.gov/OGWDW/)

**U.S. Environmental Protection Agency Office of Water.** Extensive links to all aspects of water quality including laws and regulations, funding opportunities, publications and more. [www.epa.gov/ow/](http://www.epa.gov/ow/)

**U.S. Environmental Protection Agency Office of Water Watershed Protection Division.** Includes funding, databases, publications, outreach and other information links for watershed planners. [www.epa.gov/owow/watershed/](http://www.epa.gov/owow/watershed/)

**U.S. Environmental Protection Agency's ASurf Your Watershed® site.** Excellent source to find out all about your watershed (e.g., size, boundaries, water quality, threats, land uses). [www.epa.gov/surf/](http://www.epa.gov/surf/)

**U.S. Environmental Protection Agency Watershed Information Network (WIN).** Roadmap to information and services for protecting and restoring water resources. [www.epa.gov/win/](http://www.epa.gov/win/)

**United States Geological Survey** site providing information on water resources of the United States. <http://water.usgs.gov>

**Watershed Management Council.** Non-profit educational organization dedicated to the advancement of the art and science of watershed management. Lots of watershed links. [www.watershed.org](http://www.watershed.org)

## **Flooding & Water Supply – Mokelumne River**

**CA Dpt. Of Water Resources, California Data Exchange Center.** With link to the Division of Flood Management. Provides detailed flow and flood stage information for the Lower Mokelumne River and Cosumnes River. <http://cdec.ca.gov/>

**CA Department of Water Resources Division of Flood Management, California Data Exchange Center.** Provides flow and flood stage information. Listed site is for the Cosumnes River. [www.cdec.water.ca.gov/river/cosumnesStages.html](http://www.cdec.water.ca.gov/river/cosumnesStages.html)

**East Bay Municipal Utility District.** Provides East Bay Municipal Utility District's water supply reports for the Lower Mokelumne River Watershed. [www.ebmud.com/info/water\\_supply\\_reports/default.htm](http://www.ebmud.com/info/water_supply_reports/default.htm)

**East Bay Municipal Utility District's Emergency Preparedness Office (EPO) site.** In case of earthquake or flood, the EPO action plan is designed to protect the community. For more information: (510) 287-1259. [www.ebmud.com/emergency/emergency.html](http://www.ebmud.com/emergency/emergency.html)

## **Education**

**Humboldt State University Foundation.** The San Joaquin County Resource Conservation District, in cooperation with the East Bay Municipal Utility District and the non-profit Humboldt State University Foundation is funding a geographic information system mapping and research program for one of Humboldt State University's graduate

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student. The study will provide the SJCRCD with valuable information related to the historic flooding and vegetation patterns along the Lower Mokelumne River. [www.humboldt.edu/~hsuf/](http://www.humboldt.edu/~hsuf/)

**City of Lodi's Storm Drain Detectives.** A citizen volunteer and education program monitoring water quality along the lower Mokelumne River, including Lodi Lake. [www.lodi.gov/Storm%20Drain%20Detectives/index.htm](http://www.lodi.gov/Storm%20Drain%20Detectives/index.htm)

**San Joaquin County Office of Education.** The Science and Special Programs Department of the Office of Education is implementing a Delta studies program with the assistance of funding from CALFED. [www.sjcoe.org](http://www.sjcoe.org)

**San Joaquin County Resource Conservation District Lower Mokelumne River Watershed Stewardship Plan.** [www.sjcrd.org](http://www.sjcrd.org)

### **Organizations:**

**California Department of Conservation Division of Land Resource Protection Resource Conservation District Assistance Program.** This state agency has successfully secured funding for the state's Resource Conservation Districts to assist in watershed planning and implementation. This organization funded a watershed coordinator position for the San Joaquin County RCD. [www.consrv.ca.gov/dlrp/RCD/index.htm](http://www.consrv.ca.gov/dlrp/RCD/index.htm)

**California Farm Bureau Federation.** [www.cfbf.com](http://www.cfbf.com)

**Delta Protection Commission (DPC).** State agency with oversight of land use and planning for the Sacramento-San Joaquin Primary Zone of the Delta. The San Joaquin County RCD is working with the DPC to determine the feasibility of establishing a Resource Conservation & Development District (RC&D) [www.delta.ca.gov](http://www.delta.ca.gov)

**East Bay Municipal Utility District.** EBMUD operates the Camanche reservoir and dam which forms the eastern boundary of the Lower Mokelumne River Watershed. EBMUD, in cooperation with the U.S. Fish and Wildlife Service, CA Dpt. Of Fish and Game implements the Lower Mokelumne River Partnership Fund which makes small grants available for organizations interested in undertaking projects which promote the health of the Lower Mokelumne River. [www.ebmud.com](http://www.ebmud.com)

**East Bay Municipal Utility District.** *A Historical Perspective of the Mokelumne River Watershed.* [www.ebmud.com/services/environmental/fwhistory.html](http://www.ebmud.com/services/environmental/fwhistory.html):

**City of Lodi** site promoting tourism and the economy of the City of Lodi. Good links to the wine-tasting region of northern San Joaquin County. [www.visitlodi.com](http://www.visitlodi.com)

**City of Lodi government site.** Provides links to the City of Lodi's Storm Drain Detectives site and to other departments involved in water quality management, solid waste management and similar resource-related activities. [www.lodi.gov/](http://www.lodi.gov/)

**Lodi-Woodbridge Winegrape Commission.** View on-line and/or order your copy of the groundbreaking *Lodi Winegrowers Workbook* promoting farm stewardship for vineyard owners. [www.lodiwine.com](http://www.lodiwine.com)

**Point Reyes Bird Observatory.** This organization is currently assisting in gathering information on the status and distribution of birds along the Cosumnes River and the Lower Mokelumne River. [www.prbo.org](http://www.prbo.org)

**San Joaquin County Agricultural Commissioner's Office.** Valuable local resource for farmers and the public-at-large. Provides extensive information related to the use of pesticides. [www.co.san-joaquin.ca.us/agcomm/](http://www.co.san-joaquin.ca.us/agcomm/)

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**San Joaquin Farm Bureau Federation.** Organization dedicated to ensuring the growth of the rural economy, protecting the family farm and maintaining natural resources. [www.sjfb.org](http://www.sjfb.org)

**San Joaquin County** official government site. [www.san-joaquin.ca.us](http://www.san-joaquin.ca.us)

**San Joaquin County Resource Conservation District.** [www.sjcrd.org](http://www.sjcrd.org)

**Stockton.** Official site for the City of Stockton Convention and Visitors Bureau. [www.visitstockton.org/](http://www.visitstockton.org/)

**University of California Cooperative Extension B San Joaquin County office.** Provides extensive assistance with farm and ranching operations in San Joaquin County. <http://cesanjoaquin.ucdavis.edu>

**United States Department of Agriculture B official site.** [www.usda.gov](http://www.usda.gov)

**United States Department of Agriculture Natural Resources Conservation Service, California.**  
[www.ca.nrcs.usda.gov](http://www.ca.nrcs.usda.gov):

**United States Department of Agriculture/Natural Resources Conservation Service, national site.**  
[www.nrcs.usda.gov](http://www.nrcs.usda.gov)

**United States Department of Agriculture Natural Resources Conservation Service Plant Materials Center B Lockeford, CA.** The PMC assists in all aspects of managing vegetation for crops, rangeland, bioengineering, wildlife, urban/rural interfacing and other activities necessary to help you reach your conservation goals.  
<http://Plant-Materials.nrcs.usda.gov/capmc/index.html>

### **FundingFunding**

**CALFED Bay Delta Program.** This organization provided funding for the preparation of the Lower Mokelumne River Watershed Stewardship Plan and this website. [www.calfed.water.ca.gov](http://www.calfed.water.ca.gov)

**California Department of Conservation Division of Land Resource Protection.** This state agency has successfully secured funding for the state's Resource Conservation Districts to assist in watershed planning and implementation. This organization funded a watershed coordinator position for the San Joaquin County RCD.  
[www.consrv.ca.gov/dlrp/RCD/index.htm](http://www.consrv.ca.gov/dlrp/RCD/index.htm)

**National Fish and Wildlife Foundation (NFWF).** Non-profit organization providing funding for various resources management activities. NFWF has provided funding to the San Joaquin Resource Conservation District in support of the RCD's vernal pool education program. [www.nfwf.org](http://www.nfwf.org)

**U.S. Bureau of Reclamation Mid-Pacific Region.** This agency oversees implementation of the Central Valley Project Improvement Act. This program has provided funding to the San Joaquin RCD to assist in the acquisition of vernal pool habitat used for educational purposes. [www.mp.usbr.gov/](http://www.mp.usbr.gov/)

**U.S. Office of Management and Budget.** Provides on-line forms necessary for most federal grant applications.  
[www.whitehouse.gov/omb/grants/index.html](http://www.whitehouse.gov/omb/grants/index.html)

### **Other Resource Conservation District Organizations**

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**California Association of Resource Conservation Districts.** Provides support to California's resource conservation districts. If you are interested in starting a resource conservation district in your area, this is your first contact. [www.carcd.org](http://www.carcd.org)

**California Department of Conservation Division of Land Resource Protection.** This state agency has successfully secured funding for the state's Resource Conservation Districts to assist in watershed planning and implementation. This organization funded a watershed coordinator position for the San Joaquin County RCD. [www.consrv.ca.gov/dlrp/RCD/index.htm](http://www.consrv.ca.gov/dlrp/RCD/index.htm)

**National Association of Conservation Districts.** This agency assists local RCDs by promoting national legislation consistent with the goals of the Resource Conservation District program. [www.nacdnet.org](http://www.nacdnet.org)

**San Joaquin County Resource Conservation District.** [www.sjcrd.org](http://www.sjcrd.org)

**Publications (See also Bibliography, Chapter 14)**

California State University, Chico - *Working at the Watershed Level* (Course Notebook) - Jan 11-15, 1999, CSU Chico.

CALFED, *Ecosystem Restoration Program Plan*, June 25, 1999 Vols 1-8. Visions for Ecosystem Elements and Vol II (1997) - Ecological Zone Visions.

California Coordinated Resource Management and Planning Technical Advisory Committee, *California Coordinated Resource Management and Planning CRMP Handbook, A Local Approach*, June, 1996.

California Department of Fish and Game, *Lower Mokelumne River Fisheries Management Plan*, 1991 (Located - Pending Receipt).

California Department of Fish and Game, *Land Use Conservation Principles for Salmonid Protection at the Watershed Level*, by Jim Steele, August, 1997 (CERES/WITS).

California Partners in Flight et. al., *The Draft Riparian Bird Conservation Plan: A Strategy for Reversing the Decline of Birds and Associated Riparian Species in California*, December 15, 1998.

Dagget, Dan, *A Workbook Guide to Beyond the Rangeland Conflict*, (Undated).

East Bay Municipal Utility District, *Watershed Management Dos and Don'ts*, August, 1997 (CERES/WITS).

East Bay Municipal Utility District, *A Preliminary Angler Survey of the Lower Mokelumne River Between Its Confluence With the Consumnes and San Joaquin Rivers*, September 12-October 22, 1998.

East Bay Municipal Utility District, (See FERC) - *Lower Mokelumne River Project Joint Settlement Agreement*.

Federal Energy Regulatory Commission, *Lower Mokelumne River Project Joint Settlement Agreement* (FERC Project # 2916-004)

Getches, David H., *Some Irreverent Questions About Watershed-Based Efforts* (Undated), Chautauqua.

Napa County Resource Conservation District, *Napa River Watershed Owners Manual*, 1996.

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The Nature Conservancy, *Upper Flood plain Management Plan - Cosumnes River*

San Francisco Estuary Project, *Draft CCRMP Workbook-Comprehensive Conservation and Management Plan for the Bay-Delta Implementation Progress 1996-1998*, January 1999.

University of California Division of Agriculture and Natural Resources, Publication 21577, *Vineyards in an Oak Landscape, Exploring the Physical, Biological, and Social Benefits of Maintaining and Restoring Native Vegetation in and around the Vineyard*, 1998.

United States Environmental Protection Agency, *Top 10 Watershed Lessons Learned*, Publication 840-F-97-001, October, 1997.

U.S. Fish and Wildlife Service, *Revised Draft Restoration Plan for the Anadromous Fish Restoration Program, A Plan to Increase Natural Production of Anadromous Fish in the Central Valley of California*, May 30, 1997

U.S. Fish and Wildlife Service, *Recovery Plan for Upland Species of the San Joaquin Valley*, 1997.

U.S. Fish and Wildlife Service, *Recovery Plan for the Sacramento/San Joaquin Delta Native Fishes*, November, 1996.

William M. Kier Associates, *Watershed Restoration BA Guide for Citizen Involvement in California*.  
NOAA Coastal Ocean Program Decision Analysis Series No. 8 (CERES/WITS) B  
Assistance Checklist, A Word About Best Management Practices