



## APPENDIX 13-1: BASELINE RESOURCES BY CATEGORY

Information Type	Title	Originator Name	Description	Date	Website	Topic areas/keywords
<b>BIOTIC STUDIES AND ASSESSMENTS</b>						
Document	Molecular analysis of the Spanish Creek Rana population (Plumas County, California) supports taxonomic placement within <i>Rana boylei</i>	Thomas J. Poorten, Erica Bree Rosenblum, Roland A. Knapp	Study on whether a frog population in Spanish Creek, Plumas County, California is affiliated with the Sierra Nevada yellow-legged frog <i>Rana sierrae</i> or the foothill yellow-legged frog <i>Rana boylei</i> .	2013	<a href="http://www.feather-river-crm.org/pdf/SpanishCk_YLF%20Report_CDFWfinal%202013.pdf">http://www.feather-river-crm.org/pdf/SpanishCk_YLF%20Report_CDFWfinal%202013.pdf</a>	biota, biological resources, Spanish Creek
Document	Yellow Creek Whirling Disease Study: Investigating the Presence and Potential Severity of Whirling Disease in Yellow Creek	Dr. E. Scott Weber III, Kirsten Malm, M.S., Dr. Dolores V. Baxa, PhD, Susan C. Yun, B.S., Dr. Lori Campbell, DVM, PhD	This study evaluates the status of Whirling Disease (WD) within Yellow Creek and Humbug Valley.	31-Dec-12	<a href="http://www.feather-river-crm.org/pdf/YC_FINAL%20REP.ORT.pdf">http://www.feather-river-crm.org/pdf/YC_FINAL%20REP.ORT.pdf</a>	meadow restoration, Humbug Valley, Yellow Creek
Document	Last Chance Creek Fish Data Summary	Plumas Corporation	This summary pulls together all known fisheries data collected in Last Chance Creek to date. The summary contains agency conducting the monitoring; dates, locations, and descriptions of each effort; and species, sizes, or weights of fish found during each effort.	Mar-13	<a href="http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=66&amp;Itemid=66">http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=66&amp;Itemid=66</a>	fishery, fishery data, Last Chance Creek
Document	Red Clover Creek Fish Data Summary	Plumas Corporation	This summary pulls together all known fisheries data collected on Red Clover Creek to date. The summary contains agency conducting the monitoring; dates, locations, and descriptions of each effort; and species, sizes, or weights of fish found during each effort.	Feb-13	<a href="http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=66&amp;Itemid=66">http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=66&amp;Itemid=66</a>	fishery, fishery data, Red Clover Creek
Document	Contribution of French Lake Spill to the Fishery of Little Last Chance Creek	California Department of Water Resources	Study of how water level relative to a spillway in French Lake contributed to the success of migrating fish.	Dec-98	<a href="http://www.water.ca.gov/pubs/environment/fish/contribution_of_frenchman_lake_spill_to_the_fishery_of_little_last_chance_creek/frnchmn.pdf">http://www.water.ca.gov/pubs/environment/fish/contribution_of_frenchman_lake_spill_to_the_fishery_of_little_last_chance_creek/frnchmn.pdf</a>	fishery, fish migration, fish passage, dam, spillway
Document	Mediterranean Climate effects. I. Confier WATER USE ACROSS A SIERRA NEVADA ECOTONE	American Journal of Botany	Xylem water potential of the midelevation conifers <i>Pinus jeffreyi</i> , <i>Pinus lambertiana</i> , <i>Abies concolor</i> , and <i>Calocedrus decurrens</i> , the higher elevation <i>Pinus monticola</i> and <i>Abies magnifica</i> , and co-occurring evergreen angiosperm shrubs, together with soil moisture under these plants, were monitored at three sites on the Kern	2001	<a href="http://www.ncbi.nlm.nih.gov/pubmed/11353716">http://www.ncbi.nlm.nih.gov/pubmed/11353716</a>	climate, forest health, biotic study
<b>CLIMATE CHANGE</b>						
Document	Tracking the Impact of Climate Change on Central and Northern California's Spring Snowmelt Subbasin Runoff	Gary J. Freeman	This study found that orographically influenced subbasins were least impacted by the effects of climate change, while those areas that were either in rain shadow or were behind topographic barriers revealed larger climate change impact in the form of reduced snowpack, spring runoff, and sometimes runoff for the water year.	2010	<a href="http://www.feather-river-crm.org/pdf/Freeman2010.pdf">http://www.feather-river-crm.org/pdf/Freeman2010.pdf</a>	climate change, snowmelt, runoff
Document	Quantification of Carbon Sequestration Benefits of Restoring Degraded Montane Meadows	Feather River Coordinated Resource Management	A Technical Advisory Committee developed and refined a multi-project sampling protocol for three restored meadows and three un-restored meadows. Data from the un-restored meadows will also provide base-line data for before and after restoration comparisons. Initial data analysis indicates that restored meadows contain twice	2010	<a href="http://www.feather-river-crm.org/images/stories/Publications/CarbonTechRpt.pdf">http://www.feather-river-crm.org/images/stories/Publications/CarbonTechRpt.pdf</a>	carbon sequestration, meadow restoration

Document	Looking for Recent Climatic Trends and Patterns in California's Central Sierra	Gary J. Freeman	In this paper, an array of monthly and seasonal groupings of historic precipitation, snowpack and runoff are analyzed to reveal possible subtle signs of climatic oscillation and trending. While no attempt is made here to forecast future cycles of wetness based on observations of historic data, or being able to define the wetness	2002	<a href="http://www.feather-river-crm.org/pdf/Freeman2002.pdf">http://www.feather-river-crm.org/pdf/Freeman2002.pdf</a>	climate change, hydroelectric, water flow, snowpack, runoff, snowmelt
Document	Climate Change and the Changing Water Balance for California's North Fork Feather River	Gary J. Freeman	Both the Lake Almanor and East Branch of the North Fork Feather (EBNFFR) subbasins are two rain-shadowed subbasins that exhibit a declining trend in water year runoff. Trend declines that approach 308 hm3 (250,000 AF)/year collectively from the two subbasins since the early	2011	<a href="http://almanorpost.com/tap/water-content/uploads/2014/02/2011Freeman.pdf">http://almanorpost.com/tap/water-content/uploads/2014/02/2011Freeman.pdf</a>	climate change, Feather River, orographic, water balance, rain shadow, northern
Document	Analyzing the Impact of Climate Change on Monthly River Flows in California's Sierra Nevada and Southern Cascade Mountain Ranges	Gary J. Freeman	The impact of climate change on monthly river flows in California's Sierra Nevada and southern Cascade Mountain Ranges and its potential to impact hydroelectric production was analyzed to determine changes that have taken place in two successive 35-year periods during the past 70 years. March flows were larger for the	2012	<a href="http://almanorpost.com/tap/water-content/uploads/2014/02/2012Freeman.pdf">http://almanorpost.com/tap/water-content/uploads/2014/02/2012Freeman.pdf</a>	climate change, subbasin, unimpaired flow, orographic, hydroelectric
Document	The 2014 California Drought - Dealing with Extreme Dryness from a Hydroelectric Planning Perspective	Gary J. Freeman	Conditions leading into the 2014 drought included 15-years of generally declining wetness over much of California causing the northern California's porous volcanic aquifer storage to decline significantly from the aquifer's relatively high mid-1990's storage state. Also water year runoff from rain-shadowed areas of the	2014	<a href="http://almanorpost.com/tap/water-content/uploads/2014/06/WS-C_2014-Drought-Poster-Paper_Durango_April-6-2014-">http://almanorpost.com/tap/water-content/uploads/2014/06/WS-C_2014-Drought-Poster-Paper_Durango_April-6-2014-</a>	drought, climate change, reservoirs, Sierra, hydroelectric
Document	Some Hydrometeorological Effects of Climate Change for the North Fork Feather River Headwater Drainage with Focus on the Lake Almanor and the East Branch Subbasins	Gary J. Freeman	Modeled climate trend graphs were accessed for temperature degrees of change, precipitation decadal averages, and wildfire risk, with GIS imaging of all parameters.	6-May-14	<a href="http://almanorpost.com/tap/water-content/uploads/2014/06/Plumas-County-SThrall-May-6-2014A.pdf">http://almanorpost.com/tap/water-content/uploads/2014/06/Plumas-County-SThrall-May-6-2014A.pdf</a>	climate change, north fork feather river, lake almanor, headwaters, snowmelt, runoff
Database	Climate and Precipitation Data	NOAA	Precipitation data.	2015	<a href="http://hdsc.nws.noaa.gov/hdsc/pfds/">http://hdsc.nws.noaa.gov/hdsc/pfds/</a>	precipitation, weather, flooding
Document	Satellite observations indicate rapid warming trend for lakes in California and Nevada	P. Schneider, et al.	Analysis of seventeen years of data from the Along-Track Scanning Radiometer series of sensors and data from the Moderate Resolution Imaging Spectroradiometer shows that six lakes situated in California and Nevada (including Lake Almanor) have exhibited average summer nighttime warming trends since 1992. A	25-Nov-09	<a href="http://www.sierrainstitute.us/Reportsandpresentations.html">http://www.sierrainstitute.us/Reportsandpresentations.html</a>	climate change, warming, lake temperatures, water temperature
Multi-media	State of the Almanor Basin Watershed Forum	Sierra Institute for Community and Environment	The State of the Almanor Basin Watershed Forum was held on Tuesday October 21, 2014 from 6:00pm to 8:00pm at the Almanor Recreation Center (Chester, CA). The Forum was hosted by the Lake Almanor Watershed Group, a project of Sierra Institute for Community and Environment. The Forum focused on California's current climate and precipitation trends, and how these factors relate to the health and productivity of the Almanor Basin Watershed. The presenters included Department of Water	12-Oct-14	<a href="http://sierrainstitute.us/index.php/forests-and-watersheds/upper-feather-river-watershed/upper-feather-watershed-overview">http://sierrainstitute.us/index.php/forests-and-watersheds/upper-feather-river-watershed/upper-feather-watershed-overview</a>	lake almanor, lake almanor watershed, climate change, water quality
Document	California's Fourth Climate Change Assessment: Proposed Non-Energy Research Portfolio	State of California	California's leadership in climate change policy is built on a strong foundation of research addressing the impacts of climate change on the state, as well as strategies to dramatically reduce greenhouse gas emissions. In turn, the state's research responds directly to policy needs related to safeguarding	2014	<a href="http://climatechange.ca.gov/climate_action_team/reports/climate_assessments.html">http://climatechange.ca.gov/climate_action_team/reports/climate_assessments.html</a>	water supply, climate change

Document	Plumas County Greenhouse Gas Inventory (Appendix E to the Plumas County General Plan EIR)	Plumas County	This report provides estimates of greenhouse gas emissions resulting from activities in Plumas County as a whole in 2005.	Apr-14	<a href="http://www.countyofplumas.com/DocumentCenter/View/9396">http://www.countyofplumas.com/DocumentCenter/View/9396</a>	climate change, greenhouse gases
Document	Water management adaptation with climate change	Josué Medellín-Azuara, Christina R. Connell, Kaveh Madani, Jay R. Lund, and Richard E. Howitt.	Explores water management adaptation in California using two scenarios: a warm-dry and a warm-only. Modeled findings project consequences that allow separation of precipitation and temperature effects for hydrological adaptation. Specific reference to changes in water supply for the Sacramento basin are relevant to Profile of the observed climate phenomena at the state level that have bearing on the region	Aug-09	<a href="http://www.uceiee.org/downloads/CEC-500-2009-049-F.pdf">http://www.uceiee.org/downloads/CEC-500-2009-049-F.pdf</a>	climate change, greenhouse gases
Document	Managing An Uncertain Future: Climate change adaptation strategies for California's water	California Department of Water Resources	Website providing climate change data and resources for the State's scientific and research community.	Oct-08	<a href="http://www.water.ca.gov/climatechange/docs/ClimateChangeWhitePaper.pdf">http://www.water.ca.gov/climatechange/docs/ClimateChangeWhitePaper.pdf</a>	climate change, greenhouse gases
Document	Cal-Adapt – Exploring California's Climate Change Research	California Energy Commission	Projected impacts to water resources from climate change. Climate change mitigation in the water sector. Adaptation to climate change in the water sector. Climate change and water quality	2015	<a href="http://cal-adapt.org/tools/">http://cal-adapt.org/tools/</a>	climate change, greenhouse gases
Presentation	Adapt Flee or Perish. Water and climate change.	J.T. Andrew, CA DWR, Public Health Working Group.	Modeled climate trend graphs were accessed for temperature degrees of change, precipitation decadal averages, and wildfire risk, with GIS imaging of all parameters.	Jul-05	<a href="http://www.cakex.org/virtual-library/1959">http://www.cakex.org/virtual-library/1959</a>	climate change, greenhouse gases
Multi-media	Cal-Adapt – Exploring California's Climate Change Research.	California Energy Commission	Proposes a set of recommendations for policy development to protect the state from the effects of climate change and generally focuses on GHG reduction strategies.	Dec-08	<a href="http://www.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf">http://www.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf</a>	climate change, greenhouse gases
Document	2009 California Climate Adaptation Strategy	California Natural Resources Agency	This plan calls for a reduction in California's carbon footprint by reducing greenhouse gas emissions to 1990 levels, or cutting approximately 30 percent from business-as-usual emission levels projected for 2020, or about 15 percent from today's levels. Significant progress can be made toward the 2020 goal relying on existing technologies and improving the efficiency of energy use. A number of solutions are "off the shelf," and many – especially investments in energy conservation and efficiency – have proven	2003	<a href="http://www.westernsnowconference.org/proceedings/pdf_Proceedings/2003%20WEB/Freeman,%20G._Climate%20Change%20and%20CA's%20Diminishing%20Low-Elevation.pdf">http://www.westernsnowconference.org/proceedings/pdf_Proceedings/2003%20WEB/Freeman,%20G._Climate%20Change%20and%20CA's%20Diminishing%20Low-Elevation.pdf</a>	climate change, greenhouse gases
Document	Climate Change Scoping Plan: A framework for change	California Air Resources Board	Displays PG&E's early findings on possible impacts to hydropower generation from observed increases in runoff from winter rainfall and concomitant decrease in spring snowmelt.	2008	<a href="http://www.westernsnowconference.org/proceedings/pdf_Proceedings/2008/Freeman.RunoffImpactsOfClimateChangeOnNorthernCalifornia'sWatersheds.pdf">http://www.westernsnowconference.org/proceedings/pdf_Proceedings/2008/Freeman.RunoffImpactsOfClimateChangeOnNorthernCalifornia'sWatersheds.pdf</a>	climate change, greenhouse gases
Document	Climate change and California's diminishing low elevation snowpack - a hydroelectric scheduling perspective	Gary J. Freeman		2008	<a href="http://www.enerty.ca.gov/pier/project_reports/500-03-58cf.html">http://www.enerty.ca.gov/pier/project_reports/500-03-58cf.html</a>	climate change, greenhouse gases

Document	Runoff impacts of climate change on northern California's watersheds as influenced by geology and elevation—a mountain hydroelectric system perspective	Gary J. Freeman	Characterizes the relationship of geology and elevation to groundwater flows in the region, the relationship of groundwater and runoff from reduced snowmelt and their combined effects on runoff trends.	Nov-12	<a href="http://www.water.ca.gov/irwm/guidelines.cfm">http://www.water.ca.gov/irwm/guidelines.cfm</a>	climate change, greenhouse gases
Document	The response of vegetation distribution, ecosystem productivity, and fire in California to future climate scenarios simulated by the MC1 dynamic vegetation model	J.M. Lenihan	Analysis of vegetation and effects on vegetation from climate change using modeled data.	Mar-12	<a href="http://www.fs.fed.us/psw/publications/documents/psw_gtr237/psw_gtr237_023.pdf">http://www.fs.fed.us/psw/publications/documents/psw_gtr237/psw_gtr237_023.pdf</a>	climate change, greenhouse gases
Document	Proposition 84 & Proposition 1E Integrated Regional Water Management Guidelines	California Department of Water Resources	Guidance for the Plan on aspects of climate to be discussed, strategies to be considered, and assessment of GHG emissions.	Dec-11	<a href="http://www.water.ca.gov/climatechange/docs/Climate_Change_Handbook_Regional_Water_Planning.pdf">http://www.water.ca.gov/climatechange/docs/Climate_Change_Handbook_Regional_Water_Planning.pdf</a>	climate change, greenhouse gases
Document	Climate Change and the Relevance of Historical Forest Conditions, Chapter 3 of Managing Sierra Nevada Forests	Safford, H.D., M. North, and M.D. Meyer	Chapter 3 of Managing Sierra Nevada Forests consists of a technical study on current conditions of climate change in Sierra Nevada Forests, likely future patterns, and the value of historical reference conditions to restoration.	Jun-06	<a href="http://pdf.wri.org/GHGProtocol-Tools.pdf">http://pdf.wri.org/GHGProtocol-Tools.pdf</a>	climate change, greenhouse gases
Document	Climate Change Handbook for Regional Water Planning	US Environmental Protection Agency, CA Department of Water Resources, US Army Corps of Engineers, and the Resource Legacy Fund	This handbook considers both climate change adaptation (reduction of impacts) and mitigation [greenhouse gas (GHG) reduction]. Quantitative tools and techniques for addressing both are introduced and discussed in order to prepare comprehensive IRWMPs. A guide to assess the vulnerability of a watershed or region	Dec-10	<a href="http://www.epa.gov/cleanenergy/documents/egridzips/eGRID2010TechnicalSupportDocument.pdf">http://www.epa.gov/cleanenergy/documents/egridzips/eGRID2010TechnicalSupportDocument.pdf</a>	climate change, greenhouse gases
Document	The Greenhouse Gas Protocol: Designing a Customized Greenhouse Gas Calculation Tool	World Resources Institute	This guidebook explains how to customize a greenhouse gas (GHG) calculation tool (here referred to as the Tool Guidebook). It is designed to help the technical staff at GHG programs or initiatives such as GHG registries, and the technical staff at other institutions, such as local business or industry associations and/or consultants,	2015	<a href="http://www.ghgprotocol.org/">http://www.ghgprotocol.org/</a>	climate change, greenhouse gases
Document	The Emissions & Generation Resource Integrated Database for 2010	US Environmental Protection Agency	The Emissions & Generation Resource Integrated Database (eGRID) is a comprehensive inventory of environmental attributes of electric power. The preeminent source of emissions data for the electric power sector, eGRID is based on available plant-specific data for all U.S. electricity generating plants that provide power to the electric	2010	<a href="http://www.epa.gov/cleanenergy/energy-resources/egrid/">http://www.epa.gov/cleanenergy/energy-resources/egrid/</a>	climate, greenhouse gas emissions
Database	CAKE: Climate Adaptation Knowledge Exchange	CAKE: Climate Adaptation Knowledge Exchange	This website provides large collection of climate adaptation case studies, plans, studies, tools, and other documents, and is frequently updated to provide the most recent information on the topic.	2015	<a href="http://www.cakex.org/">http://www.cakex.org/</a>	climate change, adaptation strategies, case studies

#### CONJUNCTIVE MGMT

Document	Conjunctive Water Management: What is it? Why Consider It? What are the Challenges?	Toccoy Dudley (DWR) and Allan Fulton (UC Cooperative Extension)	This information document defines conjunctive water management and use and describes operational approaches to the conjunctive management of surface water and groundwater.	Not provided	<a href="http://cetekama.ucanr.edu/files/20596.pdf">http://cetekama.ucanr.edu/files/20596.pdf</a>	conjunctive use, conjunctive management, conjunctive water management,
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#### DEMOGRAPHIC INFORMATION & DACs

Database	2010 US Census data	US Census 2010	Demographic information for use in the Region Description of the IRWMP.	2010 and 2013	<a href="http://www.census.gov/2010census/and">http://www.census.gov/2010census/and</a> <a href="http://quickfacts.census.gov/qfd/states/06/06115.html">http://quickfacts.census.gov/qfd/states/06/06115.html</a>	census, demographics
Database	California Department of Finance Demographic Reports	California Department of Finance	Demographic information for use in the Region Description of the IRWMP.	2015	<a href="http://www.dof.ca.gov/research/demographic/reports/view.php">http://www.dof.ca.gov/research/demographic/reports/view.php</a>	census, demographics, projections, population estimates
Website	Disadvantaged Communities Mapping Tool	California Department of Water Resources	DWR has developed a mapping tool to help determine which communities in an IRWM region meet the DAC median household income (MHI) definition. The maps and GIS files are derived from the US Census Bureau's American Community Survey (ACS) and are compiled for the 5-year period 2006-2010. DAC status is determined	2014	<a href="http://www.water.ca.gov/irwm/grants/resourceslinks.cfm">http://www.water.ca.gov/irwm/grants/resourceslinks.cfm</a>	DACs, DAC, disadvantaged communities

#### FERC RELICENSING AND DAM FACILITIES

Document	Rock Creek - Cresta Project, FERC Project No. 1962: Rock Creek - Cresta Relicensing Settlement Agreement	N/A	In 1991 PG&E and US Fish and Wildlife entered into an agreement for the Rock Creek-Cresta dam to establish minimum streamflows and other resource management measures for the protection, mitigation, and enhancement of fish and wildlife resources affected by the project. The newest settlement agreement supersedes the fish and wildlife agreement and was developed by a large group of entities known as the Rock Creek - Cresta Relicensing Collaborative who formed subcommittees and technical groups to resolve technical issues related to streamflow, fisheries, and whitewater recreation.	18-Sep-00	<a href="http://www.featherriverwater.com/images/FERC1962.pdf">http://www.featherriverwater.com/images/FERC1962.pdf</a>	FERC, PG&E, relicensing, Rock Creek, Cresta Reach, Bucks Creek, Chips Creek, Jackass Creek, Milk Ranch Creek, Grizzly Creek, Chambers Creek, North Fork Feather River
Document	Upper North Fork Feather River Project, FERC Project No. 2105: Project 2105 Relicensing Settlement Agreement	N/A	On October 23, 2002, PG&E filed an application with FERC for a new project license for the Upper North Fork Feather River Project, FERC Project No. 2105, on the North Fork Feather River in Plumas County. PG&E consulted with other individuals and organizations in the development of the studies and data supporting the application. These groups met with PG&E to collaboratively discuss the terms of the agreement. The agreement establishes lake level and stream flow issues for ecological purposes, river-based recreational uses, and other issues.	22-Apr-04	<a href="http://www.featherriverwater.com/images/FERC2105.pdf">http://www.featherriverwater.com/images/FERC2105.pdf</a>	FERC, relicensing, licensing, North Fork, Upper Feather, North Fork Feather River, PG&E
Document	FERC Project 619 - Bucks Creek: Fish Entrainment Risk Assessment	PG&E	To address the potential effect of entrainment at Project diversions and intakes on fish populations, existing documents and drawings describing the physical conditions and operations of the (1) Bucks Lake intake structure for Lower Bucks Lake and (2) Bucks Creek Powerhouse intake structure (in Grizzly Forebay) will be located and examined.	11-Aug-14	<a href="http://www.bucksrelicensing.com/Public/Lists/Calendar/Attachments/14/FA-S2_Fish_Entrainment_Risk_Assessment_08-11-2014.pdf">http://www.bucksrelicensing.com/Public/Lists/Calendar/Attachments/14/FA-S2_Fish_Entrainment_Risk_Assessment_08-11-2014.pdf</a>	fish passage, fish entrainment, FERC, FERC relicensing, Bucks Creek, Bucks Lake

Website	Bucks Creek Project Relicensing Website	PG&E and the City of Santa Clara	Website with relicensing and reference documents on the FERC relicensing of Bucks Creek (FERC Project 619).	2015	<a href="http://www.bucksrelicensing.com/Public/default.aspx">http://www.bucksrelicensing.com/Public/default.aspx</a>	FERC, FERC relicensing, Bucks Creek, Bucks Lake
Website	Lake Oroville Project Relicensing Website	California Department of Water Resources	Website with relicensing and reference documents on the FERC relicensing of Lake Oroville facilities (FERC Project 2100).	2015	<a href="http://www.water.ca.gov/hlpc/p2100.cfm">http://www.water.ca.gov/hlpc/p2100.cfm</a>	FERC, FERC relicensing, Oroville
Website	South Feather Power Relicensing Website (FERC Project 2088)	FERC	Website with relicensing and reference documents on the FERC relicensing of South Feather Power facilities (FERC Project 2088).	2015	<a href="http://www.ferc.gov/industries/hydropower/enviro/eis/2009/06-04-09.asp">http://www.ferc.gov/industries/hydropower/enviro/eis/2009/06-04-09.asp</a>	FERC, FERC relicensing, Little Grass Valley
Website	FERC Online Library	FERC	FERC licensing/relicensing documents.	2015	<a href="http://elibrary.ferc.gov/idmws/search/fercgensearch.asp">http://elibrary.ferc.gov/idmws/search/fercgensearch.asp</a>	FERC, FERC relicensing
Website	Poe Hydroelectric Project Relicensing Website (FERC Project 2107)	State Water Resources Control Board	Website with relicensing and reference documents on the FERC relicensing of Poe/North Fork Feather River project (FERC Project 2088).	2015	<a href="http://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/poe_ferc2107.shtml">http://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/poe_ferc2107.shtml</a>	FERC, FERC relicensing, Poe, North Fork Feather River
Website	Poe Hydroelectric Project Relicensing Website (FERC Project 2107)	NOAA	Fisheries concerns with Poe relicensing project	2015	<a href="http://www.westcoast.fisheries.noaa.gov/fish_passage/ferc_licensing/feather_river/poe.html">http://www.westcoast.fisheries.noaa.gov/fish_passage/ferc_licensing/feather_river/poe.html</a>	FERC, FERC relicensing, Poe, North Fork Feather River
Website	Project 2105 Committee	N/A	This website includes information on the FERC relicensing of Project 2105, which includes Lake Almanor, Butt Valley Reservoir, and Butt Valley, Caribou 1&2, Belden, and Oak Flat powerhouses. The centerpiece of the project is Lake Almanor which is located about 30 miles south of Mt. Lassen, the southern-most volcano in the Cascade	2015	<a href="http://www.project2105.org/">http://www.project2105.org/</a>	FERC, FERC relicensing, Project 2105, Upper North Fork Feather River, Lake Almanor

## FLOODING

Document	Technical Report #1: Big Meadows Restoration Project, October 14, 2009 Flood Event	Jim Wilcox, Feather River Coordinated Resource Management, Plumas Corp.	The Big Meadows Restoration Project utilized a relatively new technology, called pond and plug, to re-connect the channel to its naturally evolved floodplain. This report document project performance.	22-Jan-10	<a href="http://www.feather-river-crm.org/pdf/BigMeadowsTechReport.pdf">http://www.feather-river-crm.org/pdf/BigMeadowsTechReport.pdf</a>	pond and plug, floodplain, meadow restoration, flooding, flood management
Multi-media	Calculating Probable Maximum Precipitation in Complex Terrain	Edward Tomlinson, Chief Meteorologist, Applied Weather Associates, Inc.	Site-specific probable maximum precipitation study for a Southern California site with explanation of methodology involved.	24-Jun-14	<a href="http://www.appliedweatherassociates.com/uploads/1/3/8/1/13810758/kappel-ussd-2014-pirucreek-pmp.pdf">http://www.appliedweatherassociates.com/uploads/1/3/8/1/13810758/kappel-ussd-2014-pirucreek-pmp.pdf</a>	PMP, probable maximum precipitation, flooding

Multi-media	Comparing American River PMP Estimates to Historical Floods	Brett Whitin, Hydrologist, California-Nevada River Forecast Center, NOAA	The California-Nevada River Forecast Center hydrologic models were used to estimate the Probable Maximum Precipitation values using the historical precipitation and temperature patterns from the 1986 and 1997 floods.	2014	<a href="http://cepsym.org/procindex.php">http://cepsym.org/procindex.php</a>	PMP, probable maximum precipitation, flooding
Multi-media	Maximization of Historical Severe Precipitation Events over American, Yuba, and Feather River Basins	M. Levent Kavvas, Ph.D., Professor of Water Resources Engineering, UC Davis	This presentation discusses a new approach to determine the probable maximum precipitation (PMP) over the American, Yuba, and Feather rivers.	2014	<a href="http://cepsym.org/procindex.php">http://cepsym.org/procindex.php</a>	PMP, probable maximum precipitation, flooding, atmospheric rivers,
Multi-media	The meteorology of extreme orographic precipitation in California—A synthesis as of 2014	Mike Dettinger, Research Hydrologist, USGS	A summary of Atmospheric Rivers (AR) research.	2014	<a href="http://cepsym.org/proceedings_2014.php#Dettinger">http://cepsym.org/proceedings_2014.php#Dettinger</a>	atmospheric rivers, AR, flooding
Multi-media	PMP, Extreme Storm Probabilities, and Dam Safety: New Data, New Methods, Time to Update?	John F. England, Jr., Ph.D., Flood Hydrology Technical Specialist, US Bureau of Reclamation	This presentation highlights some ongoing work and issues regarding extreme weather events and PMP.	2014	<a href="http://cepsym.org/proceedings_2014.php#Dettinger">http://cepsym.org/proceedings_2014.php#Dettinger</a>	PMP, probable maximum precipitation, flooding, probable maximum flood,
Multi-media	Probable Maximum Flood Using HMR 59 for Piru Basin	Don Walker, P.E., Dam Safety Branch, Calif Dept of Water Resources	New design criteria (HMR 36 and HMR 58) were used to determine Probable Maximum Precipitation for Pyramid Dam. The new calculation procedures resulted in greater precipitation numbers and therefore higher needed freeboard levels at the dam.	2014	<a href="http://cepsym.org/proceedings_2014.php#Dettinger">http://cepsym.org/proceedings_2014.php#Dettinger</a>	PMP, probable maximum precipitation, flooding, probable maximum flood,
Multi-media	USACE Extreme Storm Team and Hypothetical Storm Analysis	Matthew J. Fleming, P.E., Chief, Hydrology and Hydraulics Technology Division, USACE	This study catalogs major historic precipitation events, performs site-specific PMP studies, and updates Corps guidance for hypothetical storm analysis.	2014	<a href="http://cepsym.org/proceedings_2014.php#Dettinger">http://cepsym.org/proceedings_2014.php#Dettinger</a>	PMP, probable maximum precipitation, flooding, probable maximum flood,
Document	Plumas County 2006 Hazard Mitigation Plan	Plumas County	Provides goals, objectives, and actions to prevent hazards such as wildfires and flooding in Plumas County.	2006	<a href="http://www.countyofplumas.com/index.aspx?NID=2214">http://www.countyofplumas.com/index.aspx?NID=2214</a>	hazards, flooding, wildfire, hazard plan
Document	Plumas County Emergency Operations Plan	Plumas County Office of Emergency Services	Part 1 of the plan describes the County's emergency management organization, the Standardized Emergency Management System (SEMS), the National Incident Management System (NIMS), roles, responsibilities, and administrative practices. Part 2 consists of an overview of the emergency management organization and how it functions during response and recovery operations. It provides a functional framework to implement SEMS and NIMS, as well as a series of operational checklists designed to provide emergency managers with the basic considerations and actions necessary for effective incident response and recovery. It also provides an overview of public assistance programs.	1-Mar-11	<a href="http://www.countyofplumas.com/index.aspx?NID=1941">http://www.countyofplumas.com/index.aspx?NID=1941</a>	emergency plan, hazards, wildfire, flooding



Document	Butte County Local Hazard Mitigation Plan	Butte County	Hazard mitigation plan to reduce or eliminate long-term risk to people and property from hazards.	Jun-14	<a href="http://www.countyofplumas.com/index.aspx?NID=2218">http://www.countyofplumas.com/index.aspx?NID=2218</a>	hazards, flooding, wildfire, hazard plan
Document	Lassen County, City of Susanville, & Susanville Indian Rancheria Hazard Mitigation Plan	Lassen County, City of Susanville, & Susanville Indian Rancheria	The overall goal of the Hazard Mitigation Plan is to reduce the potential for damage to critical assets from natural hazards. In addition, the plan describes past and current hazard mitigation activities and philosophies, and outlines future mitigation goals and strategies	Oct-10	<a href="http://www.cityofsusanville.net/wp-content/uploads/documents/file/LassenCountyMJHazardMitigationPlan.pdf">http://www.cityofsusanville.net/wp-content/uploads/documents/file/LassenCountyMJHazardMitigationPlan.pdf</a>	hazards, flooding, wildfire, hazard plan
Document	Producer Stories from Upper Feather River Watershed Farmers and Ranchers: Sierra Valley Ranch	UC Cooperative Extension and Upper Feather River Watershed Group	Report on improvements made to the 6,000-acre Sierra Valley Ranch to reverse flood damage, conserve water, and repair irrigation structures.	Not provided	<a href="http://ucce-plumas-sierra.ucanr.edu/files/19578.pdf">http://ucce-plumas-sierra.ucanr.edu/files/19578.pdf</a>	sierra valley, water rights, agricultural use, irrigation, infrastructure

#### FORESTS AND WILDLAND FIRES

Document	The State of the Sierra Nevada's Forests	Sierra Nevada Conservancy	There is a growing understanding that many Sierra Nevada forests are not healthy and that overgrown forests are susceptible to disease and intense wildfire. There is likewise broad consensus that science-based ecological restoration of our Sierra Nevada forests must be dramatically increased in order stem the tide of large, uncharacteristic wildfires. These wildfires threaten the very lifeblood of California - the forested watersheds of the Sierra Nevada.	2014	<a href="http://www.sierranevada.ca.gov/our-work/state-of-the-sierra">http://www.sierranevada.ca.gov/our-work/state-of-the-sierra</a>	Wildfire, forest management
Document	Trends in Wildfire Severity: 1984 to 2010 in the Sierra Nevada, Modoc Plateau, and Southern Cascades, California, USA	Jay D. Miller and Hugh Safford	Wildfire severity in the Sierra Nevada Forest Plan Amendment area indicates that the percentage of total high severity fires in pine and mixed-conifer forests increased over the date range, and that the area burned has also increased.	2012	<a href="http://fireecologyjournal.org/journal/abstract/?abstract=173">http://fireecologyjournal.org/journal/abstract/?abstract=173</a>	wildfire, fire, fire severity, forest, sierra nevada forest plan amendment area
Document	Plumas County 2006 Hazard Mitigation Plan	Plumas County	Provides goals, objectives, and actions to prevent hazards such as wildfires and flooding in Plumas County.	2006	<a href="http://www.countyofplumas.com/index.aspx?NID=2214">http://www.countyofplumas.com/index.aspx?NID=2214</a>	hazards, flooding, wildfire, hazard plan
Document	Plumas County Hazardous Fuel Assessment and Strategy	Barry Callenberger and Zeke Lunder for Plumas County Firesafe Council	This document develops a framework for the prioritization of hazardous fuel reduction projects within the county. It establishes methods for assessing potential wildland fire behavior on a site-by-site basis, characterizes relative wildfire risk by community, and defines community-specific considerations in fuels management project design. Additionally, it outlines specific tactical considerations to protect firefighters attempting to utilize these projects during fire suppression.	22-Oct-04	<a href="http://www.countyofplumas.com/index.aspx?NID=2218">http://www.countyofplumas.com/index.aspx?NID=2218</a>	wildfire, fuels reduction

Document	Plumas County Emergency Operations Plan	Plumas County Office of Emergency Services	Part 1 of the plan describes the County's emergency management organization, the Standardized Emergency Management System (SEMS), the National Incident Management System (NIMS), roles, responsibilities, and administrative practices. Part 2 consists of an overview of the emergency management organization and how it functions during response and recovery operations. It provides a functional framework to implement SEMS and NIMS, as well as a series of operational checklists designed to provide emergency managers with the basic considerations and actions necessary for effective incident response and recovery. It also provides an overview of public assistance programs.	1-Mar-11	<a href="http://www.countyofplumas.com/index.aspx?NID=2218">http://www.countyofplumas.com/index.aspx?NID=2218</a>	emergency plan, hazards, wildlife, flooding
Document	Natural Infrastructure; Investing in Forested Landscapes for Source Water Protection	World Resources Institute, ed. Todd Gartner, et al.	Aging water infrastructure, increasing demand, continued land use change, and increasingly extreme weather events are driving the costs of water management higher in the United States. Investing in integrated water management strategies that combine engineered solutions with "natural infrastructure" can reduce costs, enhance services, and provide a suite of co-benefits for communities and the environment. This publication offers comprehensive guidance on the economics, science, partnerships, and finance mechanisms underlying successful efforts to secure the water-related functions of networks of forests and other ecosystems.	Not provided	<a href="http://www.wri.org/publication/natural-infrastructure">http://www.wri.org/publication/natural-infrastructure</a>	integrated water management strategies, natural infrastructure
Document	Forests and Water in the Sierra Nevada: Sierra Nevada Watershed Ecosystem Enhancement Project	Sierra Nevada Research Institute	In this white paper on the Sierra Nevada Watershed Ecosystem Enhancement Project (SWEET), we make the case that upstream management of Sierra Nevada forests can significantly increase the value of downstream water resources by shifting water towards higher value uses and optimizing the timing of runoff. The focus of this paper is on the west-side mixed-conifer forests at elevations of about 1500-3600 m (5000-12,000 ft), which are highly productive owing to the availability of sufficient water, predominance of above-freezing temperatures and presence of other conditions necessary for growth.	2011	<a href="http://ucanr.edu/sites/cff/files/146199.pdf">http://ucanr.edu/sites/cff/files/146199.pdf</a>	water supply, forests
Document	Soil moisture response to snowmelt and rainfall in a Sierra Nevada mixed-conifer forest	Sierra Nevada Research Institute University of California, Merced	The aims of the research reported here at the scale of a headwater catchment in mixed-conifer forest were: i) to determine how the response of soil moisture to snowmelt and rainfall is controlled by variability across the landscape, as determined by terrain attributes and soil properties, and ii) to establish how these responses both reflect and constrain other components of the catchment-scale water balance	2011	<a href="http://www.treesearch.fs.fed.us/pubs/39280">http://www.treesearch.fs.fed.us/pubs/39280</a>	atmosphere, precipitation
Bibliography	The State of the Sierra Nevada's Forests	Sierra Nevada Conservancy	Bibliography for the State of the Sierra Nevada's Forests Report.	2014	<a href="http://www.sierranevada.ca.gov/our-work/state-of-the-sierra">http://www.sierranevada.ca.gov/our-work/state-of-the-sierra</a>	forests, forestry

Document	Forest Health and Carbon Storage	Sierra Nevada Conservancy	This fourth report in the System Indicators series focuses on Sierra Nevada forests, and includes indicators related to Forest Health and Biomass/Carbon Storage on forest lands. In addition, this report describes the extent, character, and ownership of forest land in the Sierra Nevada Conservancy (SNC) Region.	2012	<a href="http://www.sierranevada.ca.gov/our-region/sys_ind_docs/4_3_forestcarbonstorage.pdf/view">http://www.sierranevada.ca.gov/our-region/sys_ind_docs/4_3_forestcarbonstorage.pdf/view</a>	forests, climate, atmosphere, carbon storage, climate change, greenhouse gases
Document	Soot superaggregates from flaming wildfires and their direct radiative forcing	SCIENTIFIC REPORTS	In a paper published this month in Nature Scientific Reports, a team of scientists led by Rajan Chakrabarty, Ph.D. and graduate student Nicholas Beres from Nevada's Desert Research Institute report the observation of a previously unrecognized form of soot particle, identified by the authors as "superaggregates," from wildfire emissions. These newly identified particles were detected in smoke plumes from wildfires in Northern California, New Mexico, Mexico City, and India.	2014	<a href="http://www.nature.com/srep/foxtrot/svc/authoremailform?doi=10.1038/srep05508&amp;file=/srep/2014/140701/srep05508/full/srep05508.html&amp;title=Soot+superaggregates+from+flaming+wildfires+and+their+direct+radiative+forcing&amp;author=Rajan+K.+Chakrabarty">http://www.nature.com/srep/foxtrot/svc/authoremailform?doi=10.1038/srep05508&amp;file=/srep/2014/140701/srep05508/full/srep05508.html&amp;title=Soot+superaggregates+from+flaming+wildfires+and+their+direct+radiative+forcing&amp;author=Rajan+K.+Chakrabarty</a>	Wildfire, forest management
Document	Global canopy interception from satellite observations	Journal of geophysical research; Atmospheres	This analysis presents daily values of canopy rainfall interception on a global 0.25° latitude-longitude resolution grid. It is based on the revised version of Gash's analytical model [Valente et al., 1997] driven by satellite remotely sensed data of precipitation, lightning frequency and canopy fraction	2010	<a href="http://onlinelibrary.wiley.com/doi/10.1029/2009JD013530/abstract">http://onlinelibrary.wiley.com/doi/10.1029/2009JD013530/abstract</a>	Wildfire, forest management, hydrology, climate change
Document	The State of the Sierra Nevada's Forests	Sierra Nevada Conservancy	There is a growing understanding that many Sierra Nevada forests are not healthy and that overgrown forests are susceptible to disease and intense wildfire. There is likewise broad consensus that science-based ecological restoration of our Sierra Nevada forests must be dramatically increased in order stem the tide of large, uncharacteristic wildfires. These wildfires threaten the very lifeblood of California - the forested watersheds of the Sierra Nevada. The State of Sierra Nevada's Forests Report identifies the wide range of benefits provided by our Sierra Nevada forests and watersheds that are at risk:	2014	<a href="http://www.sierranevada.ca.gov/our-work/state-of-the-sierra">http://www.sierranevada.ca.gov/our-work/state-of-the-sierra</a>	wildfire, forest management

Document	Managing Sierra Nevada Forests	USDA Forest Service, Pacific Southwest Region	Fire will continue to be a major management challenge in mixed-conifer forests in the Sierra Nevada. Fire is a fundamental ecosystem process in these forests that was largely eliminated in the 20th century. Fire reintroduction is a critical goal but is subject to constraints such as smoke production, risk of fire moving outside designated boundaries, the expanding wildland-urban interface, and lack of experience in burning large areas of forest. Recent fire and fuels research relevant to planning and implementing forest/fuels treatments revolve around three main topics: (1) potential limitations in the widely used Fire and Fuels Extension (FFE) module of the Forest Vegetation Simulator (FVS), (2) designing effective fuels treatment placement in landscapes under real world constraints, and (3) the size of high-severity burn patches in a landscape with an active mixed-severity fire regime. Although it currently may be difficult to model fire behavior in forests treated for the fine-scale structural and fuel heterogeneity suggested in U.S. Forest Service General Technical Report PSW-GTR-220, "An Ecosystem Management Strategy of Sierran Mixed-Conifer Forests" (hereafter GTR 220) (North et al. 2009a) collectively, the ideas presented may improve fuel treatment implementation and forecasting of wildfire effects on Sierran forests.	2012	<a href="http://www.fs.fed.us/psw/publications/documents/psw_gtr237/">http://www.fs.fed.us/psw/publications/documents/psw_gtr237/</a>	Ecological Restoration, climate change, wildfire, forest management, biotic studies, biological resources
Document	Mokelumne Watershed Avoided Cost Analysis: Why Sierra Fuel Treatments Make Economic Sense	Sierra Nevada Conservancy	Using state-of-the-art models for fire, vegetation and post-fire erosion, we analyzed the potential impacts of a landscape-scale fuel treatments program in the upper Mokelumne watershed. In addition, we examined who would benefit the most from investing in fuel treatments and reducing the risk of high-intensity wildfires. Our findings can help inform forest management not only in the Mokelumne watershed, but also in similar watersheds throughout the Sierra Nevada and the western United States.	2014	<a href="http://sierranevada.ca.gov/our-work/mokelumne-watershed-analysis/macafullreport">http://sierranevada.ca.gov/our-work/mokelumne-watershed-analysis/macafullreport</a>	wildfire, forest management
Presentation	Increasing Pace and Scale of Fuels Reduction and Forest Restoration in the Sierra Nevada	USDA Forest Service, Pacific Southwest Region	A power point presentation by Malcolm North, April Brough, Jonathan Long, Brandon Collins and Marc Meyer USFS PSW, USFS Region 5, and UC Berkeley Outline: 1. Historical vs. Contemporary fire patterns 2. Contemporary treatment rates 3. Scaling Up: What are the opportunities with mechanical treatment? 4. Scaling up using fire: comparing the ecological effects of fire suppression and managed wildfire 5. Land management implications	2014	<a href="http://www.fs.fed.us/psw/publications/north/psw_2015_north001.pdf">http://www.fs.fed.us/psw/publications/north/psw_2015_north001.pdf</a>	fuel reduction, forestry, wildfire
Document	Carbon Sequestration and Storage by California Forests and Forest Products	CH2MHill		2007	<a href="http://www.calforests.org/wp-content/uploads/2012/11/Carbon-Sequestration-and-Storage-by-CA-Forests-and-Forest-Products.pdf">http://www.calforests.org/wp-content/uploads/2012/11/Carbon-Sequestration-and-Storage-by-CA-Forests-and-Forest-Products.pdf</a>	fuel reduction, forestry, wildfire

Map	Plumas County Communities at risk WUI map	Plumas Fire Safe Council	Map showing Communities at risk and Wildland Urban Interface for Plumas County	2010	<a href="http://plumasfiresafe.org/">http://plumasfiresafe.org/</a>	wildfire, wildfire hazard map
Document	Science Synthesis to Support Land and Resource Management Plan Revision in the Sierra Nevada and Southern Cascades	USDA Forest Service, Pacific Southwest Region	This synthesis emphasizes recent advances in scientific understanding that pertain to some of the most important issues facing managers across the synthesis area. These advances can help managers integrate ecological and social considerations across multiple spatial and temporal scales. The intent of this synthesis was not to create a comprehensive summary of the latest science, and chapters do not represent a complete review of all available literature. A number of recent management-oriented syntheses focused on different topics and disciplines have become available. These are referenced within the synthesis chapters and are also listed in an appendix.	2013	<a href="http://www.fs.fed.us/psw/publications/documents/psw_gtr247/">http://www.fs.fed.us/psw/publications/documents/psw_gtr247/</a>	forestry, land use
Document	National Forest Carbon Inventory Scenarios for the Pacific Southwest Region (California)	US Forest Service Region 5 Climate Change Interdisciplinary Team	In order to examine these options, the Team developed six management scenarios in which changes in carbon inventories were quantified over a 100-year timeframe. In addition, the study determined the monetary value of the carbon inventories, using hypothetical market assumptions, and evaluated the feasibility of measuring non-market benefits, or ecosystem services, associated with the national forest management in California. The six scenarios – projected over the next century – included: “Business as Usual” management practices that reflect current practices and performance; “Business as Usual” with an additional aggressive post-fire reforestation program; the full ii Region 5 Climate Change Interdisciplinary Team Report	2009		climate change, forest
Document	Still No Water for the Woods	Lois G. Witte, ALI-ABA Federal Lands Law Conference October 19, 2001 Salt Lake City, Utah	As the Fairfax and Tarlock article pointed out, and as most everyone who lives in the Western United States knows, in the West, the availability of water determines the value of land.6 Given the importance of water to the value of land, it is timely today to take a look at the protections available to water on National Forest System (“NFS”) lands and to see how well the water resources on federal lands have been protected in our legal and judicial systems.	2001	<a href="http://www.stream.fs.fed.us/pu">http://www.stream.fs.fed.us/pu</a>	water supply, endangered species, threatened species, special-status species
Presentation	Landscape Management Demonstration Areas	Peter A. Stine USDA Forest Service	Western US Forests are no longer resilient to disturbances such as wildfire and drought • Decades of fire suppression, intensive logging practices, and other factors have reduced heterogeneity and homogenized forests • Species composition has shifted from shade-intolerant, fireresistant to shade-tolerant, fire-sensitive Summarizes forest research completed at different scales and integrating those findings into suggestions for managing forests.	2014	<a href="https://nwllc.confex.com/nwllc">https://nwllc.confex.com/nwllc</a>	forest management, wildfire, fuels management
Document	An Ecosystem Management Strategy for Sierran Mixed--Conifer Forests	USDA Forest Service, Pacific Southwest Region				

Document	Mediterranean Climate effects. I. Conifer WATER USE ACROSS A SIERRA NEVADA ECOTONE	American Journal of Botany	Xylem water potential of the midelevation conifers <i>Pinus jeffreyi</i> , <i>Pinus lambertiana</i> , <i>Abies concolor</i> , and <i>Calocedrus decurrens</i> , the higher elevation <i>Pinus monticola</i> and <i>Abies magnifica</i> , and co-occurring evergreen angiosperm shrubs, together with soil moisture under these plants, were monitored at three sites on the Kern	2001	<a href="http://www.ncbi.nlm.nih.gov/pubmed/11353716">http://www.ncbi.nlm.nih.gov/pubmed/11353716</a>	climate change, forests, climate, water use
Collection	Plumas National Forest Land and Resource Management Plan	US Forest Service	Chapter four of the PNF Land and Resource Management Plan describes specific management plans for the entire forest area and subsequent sections further detail specific sections of the forest. Many of the standards and guidelines presented in these chapters pertain to mandatory water elements as required by IRWM	1988	<a href="http://www.fs.usda.gov/land/plumas/landmanagement">http://www.fs.usda.gov/land/plumas/landmanagement</a>	USFS, Forest Service, Land and Resource Management Plan, Plumas National
Collection	Lassen National Forest Land and Resource Management Plan	US Forest Service	The water-related sections of this plan describe specific management plans for the entire forest area and subsequent sections further detail specific sections of the forest. Many of the standards and guidelines presented in these chapters pertain to mandatory water elements as required by IRWM Guidelines.	14-Jun-05	<a href="http://www.fs.usda.gov/main/lassen/landmanagement/planning">http://www.fs.usda.gov/main/lassen/landmanagement/planning</a>	USFS, Forest Service, Land and Resource Management Plan, Lassen National
Document	Tahoe National Forest Land and Resource Management Plan	US Forest Service	This water-related sections of this this plan describe specific management plans for the entire forest area and subsequent sections further detail specific sections of the forest. Many of the standards and guidelines presented in these chapters pertain to mandatory water elements as required by IRWM Guidelines.	12-Jun-05	<a href="http://www.fs.usda.gov/main/tahoe/landmanagement/planning">http://www.fs.usda.gov/main/tahoe/landmanagement/planning</a>	USFS, Forest Service, Land and Resource Management Plan, Tahoe National
Document	California Spotted Owl, Songbird, and Small Mammal Responses to Landscape Fuel Treatments	Scott L. Stephens, et al.	Summarizes forest research completed at different scales and integrating those findings into suggestions for managing forests.	4-Sep-14	<a href="http://bioscience.oxfordjournals.org/content/early/2014/09/01/biosci.biu137">http://bioscience.oxfordjournals.org/content/early/2014/09/01/biosci.biu137</a>	biota, biological resources, fuels treatment, wildfire, forest management

## GROUNDWATER

Document	Big Valley Management Area Basin Management Objective Development Guidance Document	Brown and Caldwell	Groundwater resources have long played an important role in the development, growth, and sustainability of Lassen County and its residents. It is a source of drinking water, irrigation water for the agricultural community, and supports important environmental	5-Aug-11	<a href="http://www.lassenbmos.org/index_html_files/Big%20Valley%20BMO%20Guidance%20Document.pdf">http://www.lassenbmos.org/index_html_files/Big%20Valley%20BMO%20Guidance%20Document.pdf</a>	Groundwater, Big Valley
Document	H51J-1350 Groundwater Discharge to Restored and Unrestored Meadow	USDA Forest Service, Pacific Southwest Region	A study of streamflow and groundwater level measurements in Red Clover Valley.	2011	<a href="http://www.feather-river-crm.org/pdf/SeepageRunPoster.pdf">http://www.feather-river-crm.org/pdf/SeepageRunPoster.pdf</a>	Red Clover Valley, restored meadow, meadow restoration, groundwater
Document	Sierra Valley Hydrogeologic Studies	Kenneth D. Schmidt and Associates for Sierra Valley Groundwater Management District	This report describes the monitoring and testing of groundwater in Sierra Valley, offers hydrographs of water level, and provides an assessment of groundwater pumpage and safe yields in Sierra Valley.	May-05	<a href="http://featherriver.org/documents/">http://featherriver.org/documents/</a>	Sierra Valley, Groundwater, Sierra Valley Groundwater Management
Document	Results of the Fall 2005 Aquifer Tests in Sierra Valley	Kenneth D. Schmidt and Associates for Sierra Valley Groundwater Management District	Aquifer tests for new developments and older ranches in Sierra Valley.	Jan-06	<a href="http://featherriver.org/documents/">http://featherriver.org/documents/</a>	Sierra Valley, Groundwater, Sierra Valley Groundwater Management

Document	Letter to Governor Brown re May Revise and Watermaster Service Fees	Plumas County Board of Supervisors	Request to reinstate the State General Fund support for the watermaster program in 2011-2012 until a transition plan can be established and implemented.	7-Jun-11	<a href="http://featherriver.org/documents/">http://featherriver.org/documents/</a>	Watermaster, general fund, fee increas
Collection	Bulletin 118 and related resources, pertaining to the Sacramento Valley Basin	California Department of Water Resources	Bulletin 118 presents the results of groundwater basin evaluations in 2015 California. The Upper Feather River watershed is located within the Sacramento Valley basin, and there are a number of groundwater subbasins within the region. Resources include the 2003 Update of Bulletin 118, region-specific Bulletin reports, and groundwater basin maps and descriptions.	2015	<a href="http://www.water.ca.gov/groundwater/bulletin118/index.cfm">http://www.water.ca.gov/groundwater/bulletin118/index.cfm</a>	groundwater, basin, subbasin, Bulletin 118
Document	Technical Report on 2005-2011 Hydrogeologic Evaluation for Sierra Valley	Sierra Valley Groundwater Management District	Report on groundwater levels, including contours, changes, monitoring wells, and long-term trends, in the Sierra Valley.	May-12	<a href="http://sierravalleygmd.org/TechnicalReport.pdf">http://sierravalleygmd.org/TechnicalReport.pdf</a>	sierra valley, groundwater management, conjunctive management,

#### INFRASTRUCTURE (COLLECTION, TREATMENT, STORAGE, DOMESTIC AND AG IRRIGATION FIXTURES)

Document	California Proposition 1, Water Bond (2014), Assembly Bill 1471		Proposition 1 authorizes \$7.12 billion in general obligation bonds for 2014 state water supply infrastructure projects, such as public water system improvements, surface and groundwater storage, drinking water protection, water recycling and advanced water treatment technology, water supply management and conveyance, wastewater	2014	<a href="http://ballotpedia.org/California_Proposition_1_Water_Bond_%282014%29">http://ballotpedia.org/California_Proposition_1_Water_Bond_%282014%29</a>	water quality, water supply, infrastructure, projects, surface water, groundwater
Document	Lake Almanor Area Municipal Service Review	Policy Consulting Associates, LLC for Plumas LAFCo	Prepared for the Plumas Local Agency Formation Commission (LAFCo), this report is a regional municipal services review—a state-required comprehensive study of services within a designated geographic area. This MSR focuses on local agencies and other municipal service providers in the Lake Almanor region of Plumas	15-Oct-12	<a href="http://www.calafco.org/local/Plumas/Lake_Almanor_MSR_Public_Review_Draft_%28download%29.pdf">http://www.calafco.org/local/Plumas/Lake_Almanor_MSR_Public_Review_Draft_%28download%29.pdf</a>	municipal service review, public services, public water, fire flow, municipal services, municipal service review, public services, fire, public safety, LAFCO
Document	Central Plumas Fire Municipal Service Review	Policy Consulting Associates, LLC for Plumas LAFCo	This report is a Municipal Service Review (MSR) report on fire services provided in Central Plumas County prepared for the Plumas Local Agency Formation Commission (LAFCo).	9-Dec-13		municipal service review, public services, municipal services, fire, public safety, LAFCO
Document	City of Loyalton Municipal Service Review	Sierra LAFCo	Prepared for the Sierra LAFCo, this report is a regional municipal services review—a state-required comprehensive study of services within a designated geographic area. This MSR focuses on local agencies and other municipal service providers that provide municipal services, including water, wastewater, fire and EMS, park	9-Dec-10		municipal service review, public services, public water, fire flow, municipal services, municipal service review, public services, fire flow, municipal services, municipal service review, public services, fire flow, municipal services, municipal service review, public services, fire flow, municipal services, sierra valley, water rights, agricultural use, irrigation, infrastructure
Document	Eastern Plumas Municipal Service Review	Policy Consulting Associates, LLC for Plumas LAFCo	This report is a Municipal Service Review (MSR) of services provided in the eastern region of Plumas County prepared for the Plumas Local Agency Formation Commission (LAFCo), including water, wastewater, fire & EMS, parks and recreation, cemetery, healthcare and streets.	3-Oct-11	<a href="http://www.calafco.org/local/Plumas/Adopted-Eastern-Plumas-MSR.pdf">http://www.calafco.org/local/Plumas/Adopted-Eastern-Plumas-MSR.pdf</a>	municipal service review, public services, public water, fire flow, municipal services, sierra valley, water rights, agricultural use, irrigation, infrastructure
Document	Producer Stories from Upper Feather River Watershed Farmers and Ranchers: Sierra Valley Ranch	UC Cooperative Extension and Upper Feather River Watershed Group	Report on improvements made to the 6,000-acre Sierra Valley Ranch to reverse flood damage, conserve water, and repair irrigation structures.	Not provided	<a href="http://ucce-plumas-sierra.ucanr.edu/files/19578.pdf">http://ucce-plumas-sierra.ucanr.edu/files/19578.pdf</a>	sierra valley, water rights, agricultural use, irrigation, infrastructure

Document	Whitehawk Ranch Mutual Water Company 2013 Annual Report	Whitehawk Ranch Mutual Water Company	Includes policies and treatment plant review and update.	Apr-14	<a href="http://www.whitehawkranch.org/mwco2013annualreportfinal.pdf">http://www.whitehawkranch.org/mwco2013annualreportfinal.pdf</a>	public water, drinking water
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#### LAND PLANNING AND CONSERVATION

Collection	Plumas National Forest Land and Resource Management Plan	US Forest Service	Chapter four of the PNF Land and Resource Management Plan describes specific management plans for the entire forest area and subsequent sections further detail specific sections of the forest. Many of the standards and guidelines presented in these chapters pertain to mandatory water elements as required by IRWM	1988	<a href="http://www.fs.usda.gov/land/plumas/landmanagement">http://www.fs.usda.gov/land/plumas/landmanagement</a>	USFS, Forest Service, Land and Resource Management Plan, Plumas National
Collection	Lassen National Forest Land and Resource Management Plan	US Forest Service	The water-related sections of this plan describe specific management plans for the entire forest area and subsequent sections further detail specific sections of the forest. Many of the standards and guidelines presented in these chapters pertain to mandatory water elements as required by IRWM Guidelines.	5-Jun-14	<a href="http://www.fs.usda.gov/main/lassen/landmanagement/planning">http://www.fs.usda.gov/main/lassen/landmanagement/planning</a>	USFS, Forest Service, Land and Resource Management Plan, Lassen National
Document	Tahoe National Forest Land and Resource Management Plan	US Forest Service	This water-related sections of this this plan describe specific management plans for the entire forest area and subsequent sections further detail specific sections of the forest. Many of the standards and guidelines presented in these chapters pertain to mandatory water elements as required by IRWM Guidelines.	5-Jun-12	<a href="http://www.fs.usda.gov/main/tahoe/landmanagement/planning">http://www.fs.usda.gov/main/tahoe/landmanagement/planning</a>	USFS, Forest Service, Land and Resource Management Plan, Tahoe National
Document	Feather River Resource Conservation District Long-range Workplan 2005-2009	Feather River Resource Conservation District	The plan provides a set of goals and objectives to conserve the soils, agriculture, water resources, and plant and animal resources.	9-Dec-04	<a href="http://www.conservation.ca.gov/dlrp/RCD/Documents/Plans/FRRCD%20long%20range%20plan.pdf">http://www.conservation.ca.gov/dlrp/RCD/Documents/Plans/FRRCD%20long%20range%20plan.pdf</a>	resource conservation district, agriculture, soil conservation, erosion, runoff
Document	Plumas County General Plan Update CEQA Findings and Statement of Overriding Considerations	ESA for Plumas County	This document includes the CEQA Findings, consistent with CEQA Guidelines Section 150901, and includes the Statement of Overriding Considerations, consistent with CEQA Guidelines Section 15093.	Nov-12	<a href="http://www.countyofplumas.com/index.aspx?NID=2248">http://www.countyofplumas.com/index.aspx?NID=2248</a>	general plan, plumas county, land use
Document	2035 Plumas County General Plan Update Draft EIR	ESA for Plumas County	This Draft Environmental Impact Report (DEIR) assesses the environmental impacts of the proposed 2035 Plumas County General Plan Update (proposed project or GPU).	Nov-12	<a href="http://www.countyofplumas.com/index.aspx?NID=2248">http://www.countyofplumas.com/index.aspx?NID=2248</a>	general plan, plumas county, land use
Document	2035 Plumas County General Plan Update Draft	ESA for Plumas County	The recently adopted General Plan for Plumas County. Currently in litigation by High Sierra Rural Alliance.	Dec-13	<a href="http://www.countyofplumas.com/index.aspx?NID=2116">http://www.countyofplumas.com/index.aspx?NID=2116</a>	general plan, plumas county, land use
Document	2012 Sierra County General Plan	Sierra County	The fundamental purpose of the General Plan is to protect Sierra County's existing qualities and address local concerns as the county grows. The General Plan is organized into seventeen chapters called elements (with each element addressing a different topic relating specifically to Sierra County), which staff relies on to help direct land	1996	<a href="http://www.sierracounty.ca.gov/index.aspx?NID=260">http://www.sierracounty.ca.gov/index.aspx?NID=260</a>	general plan, sierra county, land use



Collection	Butte County General Plan 2030	Butte County	The Butte County General Plan 2030 provides direction on how the County will fulfill its community vision and manage its future growth.	6-Nov-12	<a href="http://www.buttegeneralplan.net/products/2010-10-26_GP_Adopted/">http://www.buttegeneralplan.net/products/2010-10-26_GP_Adopted/</a>	general plan, butte county, land use
Document	Lassen County General Plan 2000	Lassen County	Lassen County's General Plan provides direction on how the County will fulfill its community vision and manage its future growth.	2000	<a href="http://www.lassencounty.org/govt/dept/planning_building/planning_division/general_area_plans.asp">http://www.lassencounty.org/govt/dept/planning_building/planning_division/general_area_plans.asp</a>	general plan, lassen county, land use
Collection	Butte County General Plan 2030 Draft EIR	Butte County	Draft EIR for the Butte County General Plan 2030.	8-Apr-10	<a href="http://www.buttegeneralplan.net/products/2010-04-08_Draft_EIR/">http://www.buttegeneralplan.net/products/2010-04-08_Draft_EIR/</a>	butte county, general plan, general plan eir
Collection	Lassen Land & Resource Management Plan Monitoring Report for FY 2005 and FY 2006	USDA Forest Service, Pacific Southwest Region	A monitoring report for the Lassen National Forest Land & Resource Management Plan, to assess the success of Plan implementation.	2005 and 2006	<a href="http://www.fs.usda.gov/main/lassen/landmanagement/planning">http://www.fs.usda.gov/main/lassen/landmanagement/planning</a>	lassen national forest
Collection	Plumas National Forest: Forest Plan Monitoring Report	USDA Forest Service	A monitoring report for the Plumas National Forest Land & Resource Management Plan, to assess the success of Plan implementation.	Oct-12	<a href="http://www.fs.usda.gov/main/plumas/landmanagement/planning">http://www.fs.usda.gov/main/plumas/landmanagement/planning</a>	plumas national forest
Collection	Forest Plan Amendments	USDA Forest Service	Includes 1994 Northwest Forest Plan Amendment, 1999 Herger-Feinstein Quincy Library Group Forest Recovery Act, 2001 Northwest Forest Plan, 2003 Herger-Feinstein Quincy Library Group Forest Recovery Act - DFPZ Maintenance, 2004 Sierra Nevada Forest Plan Amendment	1994-2004	<a href="http://www.fs.usda.gov/main/lassen/landmanagement/planning">http://www.fs.usda.gov/main/lassen/landmanagement/planning</a>	Forest Plan, Sierra Nevada, Forest Plan Amendment, USFS, Forest Service, USDA
Collection	Feather River Land Trust Annual Reports 2004 - 2013	Feather River Land Trust	General information on land trust activities, including meadow and wetland conservation, and conservation and restoration of forests.	2004-2013	<a href="http://www.frlt.org/about-us/publications">http://www.frlt.org/about-us/publications</a>	wetland conservation, meadow conservation, forest conservation,
Collection	Pacific Forest and Watershed Lands Stewardship Council Land Conservation Plan	Stewardship Council	The Pacific Forest and Watershed Lands Stewardship Council (Stewardship Council) has prepared this Land Conservation Plan (LCP) for the permanent conservation of over 140,000 acres of Watershed Lands in California currently owned and managed by the Pacific Gas and Electric Company (PG&E). The lands, located	Nov-07	<a href="http://lcp.stewardshipcouncil.org/index.htm">http://lcp.stewardshipcouncil.org/index.htm</a>	conservation, forest conservation, PG&E, hydroelectric facilities, Lake Almanor, Mountain Meadows
Collection	Status of Land Planning Efforts	Stewardship Council	Various documents identifying the status of land planning efforts, including summary of conservation easement holder recommendations, summary of watershed lands to be retained by PG&E, and the Land Conservation Plan.	2015	<a href="http://www.stewardshipcouncil.org/land_conservation/status_of_planning_effort.htm">http://www.stewardshipcouncil.org/land_conservation/status_of_planning_effort.htm</a>	conservation, conservation easement, conservation planning, land
Collection	Stewardship Council Annual Reports 2005-2013	Stewardship Council	Conservation planning annual summaries from 2005 to 2013.	2005-2013	<a href="http://www.stewardshipcouncil.org/public_information/publications.htm">http://www.stewardshipcouncil.org/public_information/publications.htm</a>	conservation, conservation easement, conservation planning, land

Document	Community Action Plan 2014-2015	Lassen-Plumas-Sierra Community Action Agency	Under a Joint Powers Agreement with Lassen, Plumas, and Sierra Counties, PCCDC governs a Tri-County Community Action Agency, an anti-poverty organization. LPSCAA provides federal funds to a broad array of community based organizations in the three counties that specialize in services such as: health, nutrition, child care and	2014	<a href="http://www.plumascdc.org/lpscaa.html">http://www.plumascdc.org/lpscaa.html</a>	DACs, DAC, disadvantaged communities
Website	Northern Sierra Partnership: The Campaign to Conserve Sierra Valley	Northern Sierra Partnership	Website detailing the campaign by Feather River Land Trust, The Nature Conservancy, and the Sierra Business Council to conserve Sierra Valley.	2015	<a href="http://northern.sierrapartnership.org/sierravalley/">http://northern.sierrapartnership.org/sierravalley/</a>	sierra valley, conservation, land use
Document	City of Portola General Plan	City of Portola	The General Plan vision of the future of Portola includes the following characteristics and features: environmental protection, employment growth, enhanced retail opportunities and services for residents, clear sense of community and place, efficient public services and utilities, quality affordable housing, safety, and	11-Jan-12	<a href="http://www.ci.portola.ca.us/public-documents.htm">http://www.ci.portola.ca.us/public-documents.htm</a>	general plan, water, growth, region description
Document	City of Portola Parks and Recreation Master Plan	City of Portola	The Parks and Recreation Master Plan guides the future capital expenditures of the City for new recreation development and prioritizes projects.	1-Jun-10	<a href="http://cloud.snappages.com/90b198ba90b5e28a84879dd2e211239db3ff56a1/Parks%20and%20Rec%20Master%20Plan.pdf">http://cloud.snappages.com/90b198ba90b5e28a84879dd2e211239db3ff56a1/Parks%20and%20Rec%20Master%20Plan.pdf</a>	recreation, recreation plan, parks

#### LEGISLATION, LEGAL, AND MISC POLICY DOCUMENTS

Document	MOU: Sierra Valley Resource Conservation District, Plumas Corp, and Feather River Coordinated Resource Management	N/A	This document sets forth the terms of a working relationship between the Sierra Valley Resource Conservation District and the Feather River Coordinated Resource Management group.	2004 and 2009	<a href="http://www.feather-river-crm.org/pdf/MOU/SVRCDMOU_04-09.pdf">http://www.feather-river-crm.org/pdf/MOU/SVRCDMOU_04-09.pdf</a>	MOU, Sierra Valley Resource Conservation District, Feather River Coordinated
Document	Sierra Valley Groundwater Management District Legislation/Senate Bill 1391: An act relating to the Sierra Valley and Long Valley Groundwater Basins	N/A	The bill specified the powers, duties and financing of the district, including the authority to levy groundwater extraction charges and management charges.	1980	<a href="http://sierravalleygmd.org/SenateBillNo.1391.pdf">http://sierravalleygmd.org/SenateBillNo.1391.pdf</a>	Sierra Valley, Groundwater, Sierra Valley Groundwater Management
Document	Consultant's Report Plumas Watershed Forum Program Review	ICF Jones & Stokes for Plumas County Flood Control and Water Conservation District	The Plumas Watershed Forum (Forum) was formed in 2003 as part of the Monterey Settlement Agreement (Agreement) stemming from litigation involving California's State Water Project (Planning and Conservation League et al. 2003). The Forum's purpose is to plan and fund implementation of watershed management and restoration activities in the upper Feather River watershed for the mutual benefit of Plumas County and the State Water Project. The Forum directed that the review should evaluate all expenditures of settlement funds by the Forum in terms of meeting the goals of the Agreement, the Forum's bylaws and policies, and the Feather River Watershed Management Strategy.	May-08	<a href="http://featherriverwater.com/images/Plumas_Watershed_Forum_Program_Review.pdf">http://featherriverwater.com/images/Plumas_Watershed_Forum_Program_Review.pdf</a>	forum, plumas watershed, monterey settlement agreement, feather river watershed management strategy
Document	Settlement Agreement by and between Sierra Pacific Power Company, Washoe County Water Conservation District and Sierra Valley Water Company	N/A	Legal settlement to resolve conflict regarding diversions and water rights from Little Truckee River.	Oct-93	<a href="http://www.troa.net/documents/Sierra_Valley_Settlement_Agreement/index.pdf">http://www.troa.net/documents/Sierra_Valley_Settlement_Agreement/index.pdf</a>	sierra valley, water rights, diversions

Document	Sierra Nevada Water Workgroup Charter	Sierra Nevada Water Workgroup	The Sierra Water Workgroup mission is to assist regional efforts to protect and enhance water quality, water supply, and watershed health; to develop cooperative regional responses; and to facilitate reinvestment in our watersheds and water resources by all beneficiaries.	7-May-11	<a href="http://www.sierrawaterworkgroup.org/uploads/1/0/7/2/10721558/swwg_charter_final_5-17-11.pdf">http://www.sierrawaterworkgroup.org/uploads/1/0/7/2/10721558/swwg_charter_final_5-17-11.pdf</a>	watershed management, water workgroup, public outreach, water quality,
Document	Memorandum of Understanding (MOU) Regarding coordination among participants in the Sierra Nevada Water Workgroup	Sierra Nevada Water Workgroup	MOU on SWWG and IRWMP RWMG participation coordination.	18-Feb-14	<a href="http://www.sierrawaterworkgroup.org/uploads/1/0/7/2/10721558/swwg_mou_2-18-14_final.pdf">http://www.sierrawaterworkgroup.org/uploads/1/0/7/2/10721558/swwg_mou_2-18-14_final.pdf</a>	watershed management, water workgroup, public outreach, water quality,

## RECREATION

Database	American Whitewater: Feather River (CA)	N/A	Database of applicable documents on recreation in the Feather River watershed.	2015	<a href="https://www.americanwhitewater.org/content/Project/view/id/34/">https://www.americanwhitewater.org/content/Project/view/id/34/</a>	Recreation, angling, fishing, hiking, swimming, stream flow
Document	Recreation Use Survey of Little Last Chance Creek, Plumas County	California Department of Water Resources	Survey of the recreational uses of Little Last Chance Creek.	1992	<a href="http://www.water.ca.gov/pubs/environment/fish/recreation_use_survey_of_little_last_chance_creek_plumas_county_1992/1992recreationusesurveyofli">http://www.water.ca.gov/pubs/environment/fish/recreation_use_survey_of_little_last_chance_creek_plumas_county_1992/1992recreationusesurveyofli</a>	recreation, little last chance creek

## RESTORATION

Document	H51J-1350 Groundwater Discharge to Restored and Unrestored Meadow	USDA Forest Service, Pacific Southwest Region	A study of streamflow and groundwater level measurements in Red Clover Valley.	2011	<a href="http://www.feather-river-crm.org/pdf/SeepageRunPoster.pdf">http://www.feather-river-crm.org/pdf/SeepageRunPoster.pdf</a>	Red Clover Valley, restored meadow, meadow restoration, groundwater
Document	Assessment of Restoration Activities at Indian Creek Watershed	N. Ohara, S. Jang, S. Kure and M. L. Kavvas	The Watershed Environmental Hydrology (WEHY) model (Kavvas et al. 2004), together with local monitoring, was utilized to assess the cumulative effects of localized restoration activities in Indian Creek watershed in the Upper Feather River Basin.	2005	<a href="http://www.feather-river-crm.org/images/stories/Publications/LastChanceModelresults2005.pdf">http://www.feather-river-crm.org/images/stories/Publications/LastChanceModelresults2005.pdf</a>	groundwater, water storage, Last Chance Creek, meadow restoration
Document	Statistical Analysis of Selected Feather River Coordinated Resource Management Stream Flow Data	Ken Cawley	Stream flow data collected by the Feather River CRM since 1998 was analyzed to see if change in summer base flow could be detected and to provide basic descriptive statistics of base flow hydrology at these sites. Data used in this analysis came from stream gauging sites on Cottonwood Creek (Big Flat), Doyle Crossing (Last Chance),	26-Jun-11	<a href="http://www.feather-river-crm.org/pdf/StatReport2011.pdf">http://www.feather-river-crm.org/pdf/StatReport2011.pdf</a>	stream restoration, aquifer storage, groundwater, stream flow, hydrologic
Document	Quantification of Carbon Sequestration Benefits of Restoring Degraded Montane Meadows	Feather River Coordinated Resource Management	A Technical Advisory Committee developed and refined a multi-project sampling protocol for three restored meadows and three un-restored meadows. Data from the un-restored meadows will also provide base-line data for before and after restoration comparisons. Initial data analysis indicates that restored meadows contain twice	2010	<a href="http://www.feather-river-crm.org/images/stories/Publications/CarbonTechRpt.pdf">http://www.feather-river-crm.org/images/stories/Publications/CarbonTechRpt.pdf</a>	carbon sequestration, meadow restoration

Document	Technical Report #1: Big Meadows Restoration Project, October 14, 2009 Flood Event	Jim Wilcox, Feather River Coordinated Resource Management, Plumas Corp.	The Big Meadows Restoration Project utilized a relatively new technology, called pond and plug, to re-connect the channel to its naturally evolved floodplain. This report document project performance.	22-Jan-10	<a href="http://www.feather-river-crm.org/pdf/BigMeadowsTechReport.pdf">http://www.feather-river-crm.org/pdf/BigMeadowsTechReport.pdf</a>	pond and plug, floodplain, meadow restoration, flooding, flood management
Document	Physical and Hydrological Characterization of Clark's Meadow	Dr. Kevin Cornwell and Ms. Kamala Brown	This report summarizes the methods, results and conclusions of the investigatiocapabilities of meadow sediments. The partially restored nature of Clark's Meadow was used to determine the subsurface conditions and potential water storage offered a unique opportunity to observe the consequences of uncheck stream erosion in the lower	1-Feb-08	<a href="http://www.feather-river-crm.org/images/stories/Publications/MountainMeadowReport2008.pdf">http://www.feather-river-crm.org/images/stories/Publications/MountainMeadowReport2008.pdf</a>	Clark's meadow, meadow restoration, restored meadow, water storage,
Document	Quantifying Stream-Aquifer Interactions through the Analysis of Remotely Sensed Thermographic Profiles and In Situ Temperature Histories	Steven Loehde II, Stephen Gorelick	A quantification of the spatial patterns of groundwater discharge to a 1.7 km reach of Cottonwood Creek in Plumas National Forest. Quantification of base flow and hyporheic exchange on stream temperatures by simulating stream energy budget under different conceptual models of the stream-aquifer interaction.	2006	<a href="http://www.feather-river-crm.org/images/pdfs/loehede.pdf">http://www.feather-river-crm.org/images/pdfs/loehede.pdf</a>	Cottonwood Creek, Plumas National Forest, pond and plug, aquatic habitat,
Document	A local-scale, high-resolution evapotranspiration mapping algorithm (ETMA) with hydroecological applications at riparian meadow restoration sites	Steven P. Loehde II, Steven M. Gorelick	A new algorithm for mapping evapotranspiration (ET) is presented that requires only local weather-station data including the ground heat flux and high resolution airborne thermal imagery.	2-Jul-05	<a href="http://www.feather-river-crm.org/images/pdfs/ETPaper.pdf">http://www.feather-river-crm.org/images/pdfs/ETPaper.pdf</a>	evapotranspiration, meadow restoration, restored meadow
Document	Assessment of the Restoration Activities on Water Balance and Water Quality at Last Chance Creek Watershed Using Watershed Environmental Hydrology	M.L. Kavvas, Z. Q. Chen, M. Anderson, L. Liang, N. Ohara, J. Wilcox, L. Mink, T. Benoit	An assessment of restoration activities on groundwater storage and water quality at Last Chance Creek.	2005	<a href="http://www.feather-river-crm.org/images/stories/Publications/LastChanceModelresults2005.pdf">http://www.feather-river-crm.org/images/stories/Publications/LastChanceModelresults2005.pdf</a>	groundwater, water storage, Last Chance Creek, meadow restoration
Document	Water Management Implications of Restoring Meso-scale Watershed Features	Jim Wilcox, Feather River Coordinated Resource Management	Stream channels with adjustable bed and banks have been proven to develop predictable features of pattern, form and profile centered around the dynamic equilibrium of available sediment and available discharge. Drainage basins of all sizes develop equivalent features that provide the same functions at the basin scale. The	Jan-05	<a href="http://www.feather-river-crm.org/images/pdfs/wm_implications.pdf">http://www.feather-river-crm.org/images/pdfs/wm_implications.pdf</a>	fluvially-evolved functions, meso-scale features, cumulative land use impacts, macro-restoration, fluvial systems
Website	Evaluation of Geomorphic Restoration Techniques Applied to Fluvial Systems	Jim Wilcox, Terry Benoit, Leslie Mink	The material in this booklet has been organized into three sections by general landscape setting. Section 2 discusses the challenges of implementing geomorphic restoration within entrenched channels in alluvial landscapes. The mechanism of entrenchment may vary, however the end result is a loss of floodplain area and concentration	Dec-01	<a href="http://www.feather-river-crm.org/project-files/georest/cover.html">http://www.feather-river-crm.org/project-files/georest/cover.html</a>	restoration, fluvial geomorphic classification system, watershed restoration
Document	Applying a Fluvial Geomorphic Classification System to Watershed Restoration	Terry Benoit and Jim Wilcox	Numerous articles discuss the merits and shortcomings of the Geomorphic Stream Classification System developed by Dave Rosgen (1985). This article discusses the Feather River Coordinated Resource Management (FR-CRM) group's experience using this system in the FR-CRM watershed restoration program.	Jul-97	<a href="http://www.feather-river-crm.org/images/pdfs/streamnotes.pdf">http://www.feather-river-crm.org/images/pdfs/streamnotes.pdf</a>	restoration, ranking, erosion, Sulphur Creek
Website	Sulphur Creek Watershed Restoration Strategy	Feather River Coordinated Resource Management and Mohawk Valley Watershed Restoration Committee	To develop a restoration strategy, several items were identified and developed in order to focus our attention on the important needs and desires. To do this the strategy identifies (1) a set of desired conditions for the Sulphur Creek watershed, (2) opportunities within the watershed that will help attain the desired conditions, and (3)	Mar-05	<a href="http://www.feather-river-crm.org/project-files/sulphur/SulphurCrRestorationStrategy.htm">http://www.feather-river-crm.org/project-files/sulphur/SulphurCrRestorationStrategy.htm</a>	restoration, ranking, erosion, Sulphur Creek
Document	Ecological Restoration Implementation Plan	USDA Forest Service, Pacific Southwest Region	In March 2011 the Pacific Southwest Region of the US Forest Service released a statement of its Leadership Intent for Ecological Restoration, which laid out the Region's guiding vision and goals for its stewardship of wildland and forests for the next 15–20 years. This document reflects the Regional leadership's current thinking on how	Jan-13	<a href="http://www.fs.usda.gov/detail/r5/landmanagement/?cid=stemplrdb5409054">http://www.fs.usda.gov/detail/r5/landmanagement/?cid=stemplrdb5409054</a>	restoration, planning, USFS

Document	Butt Valley Reservoir and Lake Almanor Seismic Remediation Project: Revegetation/Reforestation Plan Final Monitoring Report	PG&E	The final monitoring report for the revegetation plan documents implementation of the Revegetation/Reforestation Plan and results through 2000.	Dec-00	<a href="http://www.feather-river-crm.org/monitoring/Butt00monrpt.htm">http://www.feather-river-crm.org/monitoring/Butt00monrpt.htm</a>	seismic remediation, revegetation, reforestation, monitoring report,
Document	Steelhead Restoration and Management Plan for California	California Department of Fish and Wildlife (Fish & Game at the time of publication)	Implementation plan to double the natural production of salmon and steelhead by the end of the century.	Feb-96	<a href="file:///C:/Users/Authorized%20User/Downloads/SH_RestMgtPlan_1996.pdf">file:///C:/Users/Authorized%20User/Downloads/SH_RestMgtPlan_1996.pdf</a>	steelhead, salmon, fisheries, recovery plan
Collection	Working Paper on Restoration Needs: Habitat Restoration Actions to Double Natural Production of Anadromous Fish in the Central Valley of California	US Fish & Wildlife Service	The paper presents a package of habitat restoration actions that, if implemented, would achieve the goal of at least doubling natural production.	9-May-95	<a href="http://www.fws.gov/stockton/afrp/">http://www.fws.gov/stockton/afrp/</a>	salmon, anadromous, steelhead, chinook, fisheries
Document	Final Restoration Plan for the Anadromous Fish Restoration Program	US Fish & Wildlife Service	The Restoration Plan presents the goal, objectives, and strategies of the Anadromous Fish Restoration Program (AFRP); describes how the AFRP identified and prioritized reasonable actions and evaluations; lists those actions and evaluations; and notes those actions and evaluations that are already underway or that may be	9-Jan-01	<a href="http://www.fws.gov/stockton/afrp/documents/FinalRestPlan.pdf">http://www.fws.gov/stockton/afrp/documents/FinalRestPlan.pdf</a>	salmon, anadromous, steelhead, chinook, fisheries
Document	Mountain Meadow Watershed Restoration Action Plan	Mountain Meadows Conservancy	This plan provides a community-based framework for maintaining and improving the watershed health of the private and public lands that drain into the Mountain Meadows Reservoir. The plan provides a large selection of effective and voluntary action alternatives that are intended for use as a technical and educational resource for	Jan-13	<a href="http://mtmeadows.org/upload/documents/WRAP%20Web%20page%20format.pdf">http://mtmeadows.org/upload/documents/WRAP%20Web%20page%20format.pdf</a>	mountain meadows, restoration, watershed management,

## STREAMFLOW

Document	Effects of Meadow Restoration on Stream Flow in the Feather River Watershed	J. Hoffman, K. Roby, B. Bohm	A description of the expected changes to flow due to restoration.	12-Jun-13	<a href="http://www.feather-river-crm.org/pdf/PPlug_FlowSummary_Final_June2013.pdf">http://www.feather-river-crm.org/pdf/PPlug_FlowSummary_Final_June2013.pdf</a>	meadow restoration, Feather River, Red Clover Creek, Last Chance Creek
Document	Statistical Analysis of Selected Feather River Coordinated Resource Management Stream Flow Data	Ken Cawley	Stream flow data collected by the Feather River CRM since 1998 was analyzed to see if change in summer base flow could be detected and to provide basic descriptive statistics of base flow hydrology at these sites. Data used in this analysis came from stream gauging sites on Cottonwood Creek (Big Flat), Doyle Crossing (Last Chance),	26-Jun-11	<a href="http://www.feather-river-crm.org/pdf/StatReport2011.pdf">http://www.feather-river-crm.org/pdf/StatReport2011.pdf</a>	stream restoration, aquifer storage, groundwater, stream flow, hydrologic
Document	H51J-1350 Groundwater Discharge to Restored and Unrestored Meadow	USDA Forest Service, Pacific Southwest Region	A study of streamflow and groundwater level measurements in Red Clover Valley.	2011	<a href="http://www.feather-river-crm.org/pdf/SeepageRunPoster.pdf">http://www.feather-river-crm.org/pdf/SeepageRunPoster.pdf</a>	Red Clover Valley, restored meadow, meadow restoration, groundwater
Collection	Red Clover and Last Chance Creeks Stream Flow Monitoring Reports, 2011 and 2012	Feather River Coordinated Resource Management, Plumas Corp.	Stream flow data collected by the Feather River Coordinated Resource Management group (FRCRM) on Red Clover and Last Chance creeks. No conclusions are drawn from data.	Mar-13	<a href="http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=66&amp;Itemid=66">http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=66&amp;Itemid=66</a>	stream flow, monitoring

Document	Instream Flows in the Sacramento River Hydrologic Region	N/A	This briefing paper demonstrates the existing instream flow requirements for the major rivers and streams in the Sacramento River hydrologic region. This includes requirements in State Water Resources Control Board (SWRCB) decisions, biological opinions, streamflow agreements, and other processes.	Sep-11	<a href="http://www.norcalwater.org/wp-content/uploads/2012/01/flowssacvalley-sep2011.pdf">http://www.norcalwater.org/wp-content/uploads/2012/01/flowssacvalley-sep2011.pdf</a>	sacramento river, flow criteria, flows
Document	A precipitation shift from snow towards rain leads to a decrease in streamflow	Berghuijs, W.R., et al.	This research paper investigates the consequences on streamflow and water supply from the shift from snow to rain in a warming climate.	Jul-14	<a href="http://www.nature.com/nclimate/journal/v4/n7/full/nclimate2246.html">http://www.nature.com/nclimate/journal/v4/n7/full/nclimate2246.html</a>	stream flow, climate change, water supply, groundwater, surface water,

#### WATER QUALITY (IRRIGATION, DRINKING WATER, SURFACE WATER, GROUNDWATER, ROAD EROSION, STREAMBANK EROSION, LEGACY EFFECTS)

Document	East Branch North Fork Feather River Erosion Control Strategy	East Branch North Fork Feather River Coordinated Resource Management Group	This document amends the 1989 Coordinated Resource Management Plan and outlines CRM purpose, structures, and project prioritization process.	Sep-94	<a href="http://www.feather-river-crm.org/images/pdfs/nffr.pdf">http://www.feather-river-crm.org/images/pdfs/nffr.pdf</a>	restoration, restoration planning, watershed management, erosion, Spanish Creek, sedimentation, sediment transport
Document	Two-Dimensional Simulation of Flow Hydraulics and Bed-Load Transport in a Mountain Gravel-Bed Stream: the Upper Spanish Creek	Jennifer G. Duan, Ph.D., Dong Chen, Ph.D.; Jennifer Weller, MS; Terry Benoit, BS	Sediment transport in a gravel-bed mountain stream, the Upper Spanish Creek, California, was simulated with a depth-averaged, two-dimensional hydrodynamic and sediment transport model.	2006	<a href="http://www.feather-river-crm.org/images/pdfs/dri_final.pdf">http://www.feather-river-crm.org/images/pdfs/dri_final.pdf</a>	restoration, restoration planning, watershed management, erosion, Spanish Creek, sedimentation, sediment transport
Document	Investigation of Water Quality Problems on Plumas County Roads Traversing USFS-administered Public Lands within the Spanish Creek Watershed	Clay C. Clifton for the Feather River Coordinated Resource Management Group and Plumas County Road Department	Data on sediment sources from County roads was retrieved from the data files compiled in 1990-91. Each sediment source from County roads was revisited in 1994-95 to update the information (see Appendix B, Water Quality Investigation Procedures). The updated information presented in this report can be used by the Plumas Erosion and sedimentation in the East Branch North Fork Feather River (EBNFFR) are impairing fisheries, water based recreation, aesthetics, water diversions for domestic and irrigation uses, downstream hydroelectric and State Water Project users. The Last Chance Creek subwatershed is estimated to contribute 9.5 percent	Jun-96	<a href="http://www.feather-river-crm.org/images/pdfs/proads.pdf">http://www.feather-river-crm.org/images/pdfs/proads.pdf</a>	roads, road erosion, erosion, sedimentation, water quality
Document	East Branch North Fork Feather River Spanish Creek and Last Chance Creek Non-Point Source Water Pollution Study, Section 205(j)(2): Clean Water Act	Plumas County Community Development Department	Since 2009, the Almanor Basin Water Advisory Committee has overseen water quality monitoring efforts at Lake Almanor, and Sierra Institute was charged with providing this data to the public in a useable format. Prior to 2009, water quality data was collected by various groups and agencies (primarily DWR and PG&E) with varied	22-Jul-92	<a href="http://www.feather-river-crm.org/images/pdfs/spanlast.pdf">http://www.feather-river-crm.org/images/pdfs/spanlast.pdf</a>	East Branch North Fork, erosion, sedimentation, water quality
Document	2011 Lake Almanor Review: Survey of Water Quality, Trend Analysis, and Recommendations	Kyle Rodgers and Emily Creeley, Sierra Institute for Community and Environment	A watershed assessment that includes a comprehensive, community-based rehabilitation strategy for Spanish Creek that extends from the watershed headwater region to the outlet of American Valley.	Mar-12	<a href="http://www.sierrainstitute.us/ALMANOR/LA_Report_4.12.pdf">http://www.sierrainstitute.us/ALMANOR/LA_Report_4.12.pdf</a>	Lake Almanor, water quality, monitoring, database
Document	Spanish Creek Assessment Rehabilitation and Gravel Management Strategy	Feather River Coordinated Resource Management Group	Description of the Upper North Fork Feather River Hydroelectric Project (UNFFR Project). Site contains all project-related documents, including EIR, description of alternatives, FERC's Environmental Impact Statement, and Placer County Board of Supervisors' response to draft EIR.	Apr-06	<a href="http://www.feather-river-crm.org/images/pdfs/spanish_cr_wa.pdf">http://www.feather-river-crm.org/images/pdfs/spanish_cr_wa.pdf</a>	erosion, watershed restoration, channelization, hydraulic mining, FERC, relicensing, water quality certification, SWRCB, water quality
Website	Water Quality Certification Program for FERC Project No. 2105: Upper North Fork Feather River Hydroelectric Project	State Water Resources Control Board		Nov-14	<a href="http://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/unffr_ferc2105.shtml">http://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/unffr_ferc2105.shtml</a>	

Collection	Watershed Monitoring Reports - Upper Feather River Watershed, Water Years 1998-2013	Plumas Corporation	This report includes data from continuous recording flow stations operated by Plumas Corporation, as well flow stations operated by the US Geological Survey (USGS), California Department of Water Resources (DWR), and US Forest Service (USFS).	1998-2014	<a href="http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=66&amp;Itemid=66">http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=66&amp;Itemid=66</a>	monitoring, Upper Feather, FRCRM, Last Chance Creek, Red Clover, Feather River
Collection	Irrigated Lands Regulatory Program	State Water Resources Control Board	A range of pollutants can be found in runoff from irrigated lands, such as pesticides, fertilizers, salts, pathogens, and sediment. At high enough concentrations, these pollutants can harm aquatic life or make water unusable for drinking water or agricultural uses. The Irrigated Lands Regulatory Program (ILRP) was initiated in 2003 to prevent agricultural runoff from impairing surface waters. Waste discharge requirements, which protect both surface water and groundwater, address irrigated agricultural discharges throughout the Central Valley.	2015	<a href="http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/">http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/</a>	irrigation, pesticides, agricultural runoff, agriculture, water board, swrcb
Document	Lake Almanor Water Quality Report, 2009	K.R. Gina Johnston and John McMurtry Butte Environmental Technologies for Plumas County Flood Control & Water Conservation District and Almanor	conducted during 2009. Four sampling windows were chosen for sampling to provide a look at lake health: during spring turnover (April 6-11), the period of heavy recreational use (July 6-11 and August 31- September 5) and fall turnover (November 16-21). Four stations in the lake were selected: LA-01, near the Canyon Dam	Dec-09	<a href="http://www.sierrainstitute.us/Reportsandpresentations.html">http://www.sierrainstitute.us/Reportsandpresentations.html</a>	water quality, lake almanor
Document	Lake Almanor Watershed Monitoring Plan	EARTHWORKS Restoration, Inc. for Plumas County Flood Control and Conservation District	watershed conditions with respect to these and other possible water quality issues: Overall lake water quality associated with nutrient status and biological growth that reflects the cumulative effects of land condition and activities across the lake and contributing watershed; bacterial issues associated primarily with	Apr-07	<a href="http://www.sierrainstitute.us/Reportsandpresentations.html">http://www.sierrainstitute.us/Reportsandpresentations.html</a>	lake almanor, water quality, monitoring
Collection	Annual Water Quality Reports (Consumer Confidence Reports)	East Quincy Services District	Water quality reports for the East Quincy Services District from 2010 - 2010-2013 2013.	2010-2013	<a href="http://www.eastquincycsd.com/documents.php">http://www.eastquincycsd.com/documents.php</a>	water quality, drinking water, public water, consumer confidence reports
Document	Gold Mountain Water Quality 2013 Consumer Confidence Report	Gold Mountain Community Services District	Water quality report for the Gold Mtn Community Services District.	2013	<a href="http://www.goldmountaincsd.org/docs2/GM_CSD_2013_Consumer_Confidence_Report.pdf">http://www.goldmountaincsd.org/docs2/GM_CSD_2013_Consumer_Confidence_Report.pdf</a>	consumer confidence, water quality, public water
Document	2013 Water Quality Report for Indian Valley CSD Greenville Treatment Plant	Indian Valley CSD	This "Consumer Confidence Report" includes those constituents that were detected and otherwise fulfills the requirements of the Safe Drinking Water Act.	2013	<a href="http://www.indianvalleycsd.com/">http://www.indianvalleycsd.com/</a>	water quality, public water, consumer confidence report
Document	2013 Water Quality Report for Indian Valley CSD Crescent Mills	Indian Valley CSD	This "Consumer Confidence Report" includes those constituents that were detected and otherwise fulfills the requirements of the Safe Drinking Water Act.	2013	<a href="http://www.indianvalleycsd.com/">http://www.indianvalleycsd.com/</a>	water quality, public water, consumer confidence report
Document	2012 Consumer Confidence Report	Lake Almanor Country Club Mutual Water Company	This "Consumer Confidence Report" includes those constituents that were detected and otherwise fulfills the requirements of the Safe Drinking Water Act.	2012	<a href="http://www.lacmutualwater.org/uploads/9/6/4/8/9648300/2012ccr.pdf">http://www.lacmutualwater.org/uploads/9/6/4/8/9648300/2012ccr.pdf</a>	water quality, public water, consumer confidence report

Document	Feather River Resource Conservation District Long-range Workplan 2005-2009	Feather River Resource Conservation District	The plan provides a set of goals and objectives to conserve the soils, agriculture, water resources, and plant and animal resources.	9-Dec-04	<a href="http://www.conservation.ca.gov/dlrp/RCD/Documents/Plans/FRRCD%20long%20range%20plan.pdf">http://www.conservation.ca.gov/dlrp/RCD/Documents/Plans/FRRCD%20long%20range%20plan.pdf</a>	resource conservation district, agriculture, soil conservation, erosion, runoff
Document	Greenhorn Creek Community Services District Water Policy	Greenhorn Creek Community Services District	Water policy document.	Jun-07	<a href="http://www.greenhorncsd.org/images/Water_Policy_June_2007.pdf">http://www.greenhorncsd.org/images/Water_Policy_June_2007.pdf</a>	water policy, csd, greenhorn creek
Document	Upper Feather River Watershed (UFRW) Irrigation Discharge Management Program	Holly George et al.	Provides an overview of irrigated land practices, including water, water conservation, and pesticide use in the Upper Feather River watershed.	Mar-07	<a href="http://ucanr.org/sites/UCCE-Plumas-Sierra/files/13633.pdf">http://ucanr.org/sites/UCCE-Plumas-Sierra/files/13633.pdf</a>	water conservation, irrigation, agriculture, pesticides
Document	Preliminary Engineering Report for the 2014 Water System Improvements	Plumas Eureka Community Services District	This water system improvement plan was developed to mitigate the high arsenic levels in the drinking water within the Plumas Eureka CSD.	May-14	<a href="http://www.pecsd.org/2014%20OPER%20Final.pdf">http://www.pecsd.org/2014%20OPER%20Final.pdf</a>	drinking water, public water, infrastructure, infrastructure improvements
Collection	Arsenic Studies, Public Notices, and Consumer Confidence Report for 2012	Plumas Eureka Community Services District	This website includes numerous documents related to the high arsenic levels within the Plumas Eureka CSD, including arsenic studies, improvement plans, and public notices.	2015	<a href="http://www.pecsd.org/2014%20OPER%20Final.pdf">http://www.pecsd.org/2014%20OPER%20Final.pdf</a>	drinking water, public water, infrastructure, infrastructure improvements, improvements
Document	2012 Consumer Confidence Report	Quincy Community Services District	This "Consumer Confidence Report" includes those constituents that were detected and otherwise fulfills the requirements of the Safe Drinking Water Act.	2012	<a href="http://www.quincycsd.com/CCR%202012.pdf">http://www.quincycsd.com/CCR%202012.pdf</a>	consumer confidence, water quality, public water, drinking water
Website	Little Truckee River Bridge Replacement	Feather River Trout Unlimited	In 2010 Feather River Trout Unlimited, with Sierra County, applied for and received a Prop. 84 grant from the California Department of Water Resources. The project replaced a narrow (40 ft) bridge on the Independence Lake Road over the Little Truckee River. This constriction caused severe scouring of the river course below the river.	2015	<a href="http://www.frtu.org/little-truckee-river-bridge-replacement">http://www.frtu.org/little-truckee-river-bridge-replacement</a>	little truckee river, flooding, restoration, infrastructure improvement
Website	Upper Feather River Watershed Group	Upper Feather River Watershed Group	Website for the Upper Feather River Watershed Group includes ILRP watershed monitoring reports from 2006 to 2012, information on ILRP monitoring, and Prop 50 UCCE Irrigation Discharge Management Program. The Upper Feather River Watershed Group is one of twelve subcoalitions of the Sacramento Valley Water Quality	2015	<a href="http://www.ufrwg.org/group_info.html">http://www.ufrwg.org/group_info.html</a>	irrigation, irrigated lands, ILRP, agriculture, agricultural use, pesticides, runoff, public water, drinking water
Document	Whitehawk Ranch Mutual Water Company 2013 Consumer Confidence Report	Whitehawk Ranch Mutual Water Company	Results of monitoring from Jan 1 - December 31, 2013.	Apr-14	<a href="http://www.whitehawkrancho.org/mwco2013ccrfinal.pdf">http://www.whitehawkrancho.org/mwco2013ccrfinal.pdf</a>	public water, drinking water
Document	City of Portola 2012 Consumer Confidence Report	City of Portola	Water quality report for public drinking water provided by the City of Portola.	16-Jul-13	<a href="http://www.ci.portola.ca.us/public-documents.htm">http://www.ci.portola.ca.us/public-documents.htm</a>	drinking water, public water, water quality, consumer confidence



Document	Whitehawk Ranch Mutual Water Company 2013 Annual Report	Whitehawk Ranch Mutual Water Company	Includes policies and treatment plant review and update.	Apr-14	<a href="http://www.whitehawkranch.org/mwco2013annualreportfinal.pdf">http://www.whitehawkranch.org/mwco2013annualreportfinal.pdf</a>	public water, drinking water
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## WATER SUPPLY AND CONSERVATION

Document	Canopy interception in a coniferous forest in eastern Plumas County, California	Plumas Geo-Hydrology Land and Water Resources	Field experiments were conducted in the winter of 2005/06 on private land near Blairsden, in eastern Plumas County, California. In specific the objectives of this study were: 1. To examine effect of forest canopy on the amount of throughfall. 2. To examine to what extent reduced canopy density can increase the amount of moisture reaching the forest floor. 3. To examine the feasibility of using isotope tracers to assess impact of tree canopy interception on base flow.	28-Jul-08	<a href="http://featherriver.org/documents/">http://featherriver.org/documents/</a>	forest, canopy
Document	20x2020 Water Conservation Plan	California Department of Water Resources, et al.	The 20x2020 Plan sets forth a statewide road map to maximize the state's urban water efficiency and conservation opportunities between 2009 and 2020, and beyond. It aims to set in motion a range of activities designed to achieve the 20 percent per capita reduction in urban water demand by 2020.	Feb-10	<a href="http://www.water.ca.gov/wateruseefficiency/sb7/docs/20x2020plan.pdf">http://www.water.ca.gov/wateruseefficiency/sb7/docs/20x2020plan.pdf</a>	water conservation, 20x2020, dwr
Document	Guidebook for Implementation of Senate Bill 610 and Senate Bill 221 of 2001	California Department of Water Resources	The guidebook is designed to provide step-by-step suggestions for completing an SB 610 water assessment and an SB 221 verification of sufficient water supply. It includes commonly accepted definitions and examples of various supply and demand scenarios.	8-Oct-03	<a href="http://www.water.ca.gov/publications/sb_610_sb_221_guidebook.pdf">http://www.water.ca.gov/publications/sb_610_sb_221_guidebook.pdf</a>	sb 221, sb 610, water supply assessment
Document	Notice of Surface Water Shortage and Potential for Curtailment of Water Right Diversions for 2015	State Water Resources Control Board	The purpose of this notice is to advise all water right holders that if hydrologic conditions do not significantly improve in the next several months, the State Water Board will once again begin notifying water right holders in critically dry watersheds of the requirement to limit or stop diversions of water under their water right, based on their priority.	23-Jan-15	<a href="http://mountaincountieswater.com/wp-content/uploads/2015/01/2015_notice.pdf">http://mountaincountieswater.com/wp-content/uploads/2015/01/2015_notice.pdf</a>	water shortage, drought, curtailment
Document	2010 Urban Water Management Plan	South Feather Water & Power Agency	UWMP for a 31,000-acre area just outside the Upper Feather IRWM planning area.	5-May-12	<a href="http://southfeather.com/assets/2012/05/UWMP_Adopted.052212.pdf">http://southfeather.com/assets/2012/05/UWMP_Adopted.052212.pdf</a>	uwmp, urban water management plan, water supply
Document	Producer Stories from Upper Feather River Watershed Farmers and Ranchers: Sierra Valley Ranch	UC Cooperative Extension and Upper Feather River Watershed Group	Report on improvements made to the 6,000-acre Sierra Valley Ranch to reverse flood damage, conserve water, and repair irrigation structures.	N/A	<a href="http://ucce-plumas-sierra.ucanr.edu/files/19578.pdf">http://ucce-plumas-sierra.ucanr.edu/files/19578.pdf</a>	sierra valley, water rights, agricultural use, irrigation, infrastructure

## WATERSHED ASSESSMENT

Document	Spanish Creek Assessment Rehabilitation and Gravel Management Strategy	Feather River Coordinated Resource Management Group	A watershed assessment that includes a comprehensive, community-based rehabilitation strategy for Spanish Creek that extends from the watershed headwater region to the outlet of American Valley.	Apr-06	<a href="http://www.feather-river-crm.org/images/pdfs/spanish_cr_wa.pdf">http://www.feather-river-crm.org/images/pdfs/spanish_cr_wa.pdf</a>	erosion, watershed restoration, channelization, hydraulic mining,
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Document	Sulphur Creek Watershed Analysis	Feather River Coordinated Resource Management and Mohawk Valley Watershed Restoration Committee	This report documents the findings of an assessment of watershed condition.	Jun-04	<a href="http://www.feather-river-crm.org/images/pdfs/sulphur_analysis.pdf">http://www.feather-river-crm.org/images/pdfs/sulphur_analysis.pdf</a>	watershed, Sulphur Creek
Document	Lake Almanor Watershed Assessment Report	EARTHWORKS Restoration, Inc. and CH2MHill for Plumas County Flood Control and Conservation District	information into one reference document and provides a reconnaissance-level synthesis of existing information. In accordance with the priorities of the stakeholders and the project objectives, the information search was conducted and the assessment is prepared with an emphasis on issues that have the potential to affect the	Feb-07	<a href="http://www.sierrainstitute.us/Reportsandpresentations.html">http://www.sierrainstitute.us/Reportsandpresentations.html</a>	watershed assessment, baseline conditions, Lake Almanor, FERC, PG&E
Collection	Sierra Institute - Lake Almanor Watershed Project	Sierra Institute for Community and Environment	Website collection of reports, plan, and presentations on the Lake Almanor watershed	2015	<a href="http://www.sierrainstitute.us/Reportsandpresentations.html">http://www.sierrainstitute.us/Reportsandpresentations.html</a>	lake almanor
Collection	Assessment and Analysis of Cold Stream as potential reintroduction site for Lahontan cutthroat trout	Feather River Trout Unlimited	In 2010, Feather River Trout Unlimited received a grant to do an assessment of a portion of the area in the Little Truckee River (LTR) watershed to do a watershed assessment and initial fishery analysis of Cold Stream, one of the main tributaries to the LTR. This website includes a description of the work and a collection of documents	Oct-10	<a href="http://www.frtu.org/assessment-analysis-of-cold-stream-for-lahontan-cutthroat-trout">http://www.frtu.org/assessment-analysis-of-cold-stream-for-lahontan-cutthroat-trout</a>	little truckee river, biotic assessment, biota, trout, fishery, reintroduction
Document	Little Truckee River Watershed Assessment: Sierraville Diversion to Stampede Reservoir	Feather River Trout Unlimited	This watershed assessment studies an area immediately downstream of the Upper Feather IRWM area; information contained herein is valuable in terms of downstream resources and immediately adjacent biotic, hydrologic, and cultural setting.	19-Mar-14	<a href="http://www.frtu.org/little-truckee-river-watershed-assessment">http://www.frtu.org/little-truckee-river-watershed-assessment</a>	downstream, watershed assessment

#### WATERSHED MGMT AND PLANNING

Document	Feather River Watershed Management Strategy for Implementing the Monterey Settlement Agreement	Ecosystem Sciences for Plumas County Flood Control and Water Conservation District	This document established priorities for watershed management and restoration actions. The strategy allows the technical committee to advise the Watershed Forum on how to proceed with allotting funds for specific actions. The goals are to improve temporal retention of water, to increase base flows, reduce sedimentation, protect streambanks, improve upland vegetation, and improve groundwater recharge.	14-May-04	<a href="http://www.feather-river-crm.org/pdf/MOU/FeatherRiverStrategy.pdf">http://www.feather-river-crm.org/pdf/MOU/FeatherRiverStrategy.pdf</a>	Feather River Watershed Management Strategy, Plumas County Flood Control and Water Conservation District, Monterey Settlement Agreement
Document	Coordinated Resource Management Plan for the East Branch of the North Fork Feather River and related MOUs	N/A		1989	<a href="http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=100&amp;Itemid=103">http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=100&amp;Itemid=103</a>	watershed management, north fork feather river, coordinated resource
Document	Lake Almanor Watershed Management Plan	Sierra Institute for Community and Environment	The Almanor Basin Watershed Advisory Committee (ABWAC) is an official advisory committee to the Plumas County Board of Supervisors. The committee is charged with making management recommendations to help ensure the long-term health of the watershed. This plan identifies priority action areas based on the	Apr-09	<a href="http://www.sierrainstitute.us/documents/LakeAlmanorWatershedPlan.pdf">http://www.sierrainstitute.us/documents/LakeAlmanorWatershedPlan.pdf</a>	watershed management, planning, lake almanor watershed, lake almanor

Document	2014 Lower Owens River Project: Adaptive Management Recommendations	Ecosystem Sciences for LORP MOU Consultants	An ongoing, annual advisory document that provides adaptive management solutions for the Lower Owens River Project after careful review of annual reports, project objectives, conditions, and trends.	2014	<a href="http://www.inyowater.org/wp-content/uploads/2014/12/Draft_LORP_Adaptive-Management-">http://www.inyowater.org/wp-content/uploads/2014/12/Draft_LORP_Adaptive-Management-</a>	adaptive management, natural resource management
Document	Coordinated Resource Management Plan for the Feather River		This document outlines the goal and objectives, issues and concerns, CRM ground rules for coordination, CRM roles and memberships, as well as organizational structure of the CRM.	8-Feb-96	<a href="http://www.feather-river-crm.org/pdf/MOU/CRMP-FR_1996.pdf">http://www.feather-river-crm.org/pdf/MOU/CRMP-FR_1996.pdf</a>	Coordinated resource management plan, CRM, Feather River
Document	California Water Plan Update 2013	California Department of Water Resources	Long-term strategic plan for guiding the development and management of water resources in the state. Volume 2 consists of a regional report for the Mountain Counties area, which encompasses the Upper Feather River watershed.	25-Sep-13	<a href="http://www.waterplan.water.ca.gov/cwpu2013/final/index.cfm">http://www.waterplan.water.ca.gov/cwpu2013/final/index.cfm</a>	California Water Plan, water management
Document	Integrated Regional Water Management Plan: Upper Feather River Watershed, California	Ecosystem Sciences	This Integrated Regional Water Management (IRWM) Plan is an implementation plan for the management of water resources throughout the Upper Feather River Watershed. The foundation for the IRWM Plan is the integration of seven existing plans by the statutory planning entities in the watershed.	2005	<a href="http://featherriver.org/feather-river-water-plan-2005-irwm/">http://featherriver.org/feather-river-water-plan-2005-irwm/</a>	IRWMP, IRWM, Feather River IRWM, previous IRWMP
Document	Plumas Watershed Forum: Review of Ongoing Projects Updated 10/1/08		A review of various watershed projects, including restoration projects, riparian protection projects, and testing and monitoring projects.	2008	<a href="http://featherriver.org/feather-river-water-plan-2005-irwm/">http://featherriver.org/feather-river-water-plan-2005-irwm/</a>	plumas watershed forum, projects
Website	Upper Feather River Watershed	Sacramento River Watershed Program	This website provides general condition information about the Upper Feather River watershed, its management issues, and its management organizations.	2015	<a href="http://www.sacriver.org/about-watershed/roadmap/watersheds/feather/upper-feather-river-watershed">http://www.sacriver.org/about-watershed/roadmap/watersheds/feather/upper-feather-river-watershed</a>	upper feather river watershed, watershed management, watershed management
Document	Who's Who in the Feather River Watershed	N/A	This document was developed to help address questions about organizations and relationships within the Upper Feather River region related to water and watershed management.	8-Aug-14	<a href="http://www.plumascounty.us/DocumentCenter/View/11636">http://www.plumascounty.us/DocumentCenter/View/11636</a>	contacts, organizations, outreach
Document	The Delta Plan	Delta Stewardship Council	The Delta Plan is a comprehensive, long-term management plan for the Delta. Required by the 2009 Delta Reform Act, it creates new rules and recommendations to further the state's coequal goals for the Delta: Improve statewide water supply reliability, and protect and restore a vibrant and healthy Delta ecosystem, all in a manner that preserves, protects and enhances the unique agricultural, cultural, and recreational characteristics of the Delta.	2013	<a href="http://deltacouncil.ca.gov/delta-plan-0">http://deltacouncil.ca.gov/delta-plan-0</a>	water supply, downstream water resources, water quality
Website	Sierra Valley Resource Conservation District website	Sierra Valley Resource Conservation District	This website provides contact information and some general information on some projects within the RCD that are pertinent to watershed management, such as the Sierra Valley Agricultural Water Quality and Habitat Enhancement Project, the Upper Long Valley Creek Agricultural Lands Improvement Project, and the Carman	2015	<a href="http://www.sierravalleyrcd.com/SVRCD_Weed_Management.html">http://www.sierravalleyrcd.com/SVRCD_Weed_Management.html</a>	sierra valley, rcd, agricultural lands, soil conservation, restoration, invasives

Document	Feather River Coordinated Resource Management Group Annual Reports, 2005 through 2012/2013	Feather River Coordinated Resource Management Group	These reports summarize the Feather River Coordinated Resource Management (FRCRM) group's annual accomplishments and program activities, projects, and plans for coming years.	2005-2014	<a href="http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=60&amp;Itemid=60">http://www.feather-river-crm.org/index.php?option=com_content&amp;view=article&amp;id=60&amp;Itemid=60</a>	FRCRM, annual report, projects, funding
Document	The Sacramento River Basin: A Roadmap to Watershed Management	Sacramento River Watershed Program	In an effort to present a comprehensive look at current conditions and management efforts throughout the Sacramento River Basin, the Sacramento River Watershed Program developed The Sacramento River Basin – A Roadmap to Watershed Management (Roadmap). For the Basin as a whole and for 25 key tributaries to the Sacramento River, the Roadmap presents, through text and photos, a discussion of existing conditions (hydrology, water quality, vegetation, fish and wildlife, and social), identification of the principal management issues and objectives, and a brief discussion of the management organizations active in the watershed.	Oct-10	<a href="http://www.sacriver.org/files/documents/roadmap/SRWP_ExecSummary.pdf">http://www.sacriver.org/files/documents/roadmap/SRWP_ExecSummary.pdf</a>	watershed management, basin plan, sacramento river basin, sacramento river
Document	Water Quality Control Plan (Basin Plan) for the Sacramento River and San Joaquin River Basin	State Water Resources Control Board	Basin Plans consist of a designation or establishment for the waters within a specified area of beneficial uses to be protected, water quality objectives to protect those uses, and a program of implementation needed for achieving the objectives. State law also requires that Basin Plans conform to the policies set forth in the Water Code beginning with Section 13000 and any state policy for water quality control. Since beneficial uses, together with their corresponding water quality objectives, can be defined per federal regulations as water quality standards, the Basin Plans are regulatory references for meeting the state and federal requirements for water quality control (40 CFR 131.20). One significant difference between the state and federal programs is that California's basin plans establish standards for ground waters in addition to surface waters.	Oct-11	<a href="http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr.pdf">http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr.pdf</a>	watershed management, basin plan, sacramento river basin, sacramento river