

9 REFERENCES

- Agee, James K., Berni Bahro, Mark A. Finney, Philip N. Omi, David B. Sapsis, Carl N. Skinner, Jan W. van Wagtenok, and C. Phillip Weatherspoon. "**The Use of Shaded Fuelbreaks in Landscape Fire Management.**" *Forest Ecology and Management* 127.1 (2000): 55-66.
- Agee, James K., and Carl N. Skinner. "**Basic Principles of Forest Fuel Reduction Treatments.**" *Forest Ecology and Management* 211.1 (2005): 83-96.
- Agee, James K. *Fire Ecology of Pacific Northwest Forests*. 2nd ed. Island Press, 1996.
- Agee, James K. "**The Landscape Ecology of Western Forest Fire Regimes.**" *Northwest Science* 72.17 (1998): 24-34.
- Agency for Toxic Substances and Disease Registry (ATSDR). *Naturally Occurring Asbestos: Where is Asbestos Found?* Centers for Disease Control and Prevention (CDC), August 12, 2010. Web. 4 February 2015. http://www.atsdr.cdc.gov/noa/where_is_asbestos_found.html.
- Agouridis, Carmen T., Stephen R. Workman, Richard C. Warner, and Gregory D. Jennings. "**Livestock Grazing Management Impacts on Streamwater Quality: A Review**" *Journal of the American Water Resources Association* 41.3 (2005): 591-606.
- Albini, Frank A., Martin E. Alexander, and Miguel G. Cruz. "**A Mathematical Model for Predicting the Maximum Potential Spotting Distance from a Crown Fire.**" *International Journal of Wildfire* 21.5 (2012): 609-627.
- American Association of State Highway and Transportation Officials (AASHTO). *Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT<400)*. Washington: American Association of State Highway and Transportation Officials, 2001.
- Anderson, Hal E. *Aids in Determining Fuel Models for Estimating Fire Behavior*. Ogden: USDA Forest Service, Intermountain Forest and Range Experiment Station, 1982.
- Ansley, R. James, Stephen F. Arno, Brent L. Brock, Patrick H. Brose, James K. Brown, Luc C. Dushesne, James B. Grace, Gerald J. Gottfried, Sally M. Haase, Michael G. Harrington, Brad C. Hawkes, Greg A. Hoch, Melanie Miller, Ronald L. Myers, Marcia G. Narog, William A. Patterson III, Timothy E. Paysen, Kevin B. Ryan, Stephen S. Sackett, Dale D. Wade, and Ruther C. Wilson. *Wildland Fire in Ecosystems: Effects of Fire on Flora*. Ogden: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2000.

- Arkle, Robert S. and David S Pilliod. "**Prescribed Fires as Ecological Surrogates for Wildfires: A Stream and Riparian Perspective.**" *Forest Ecology Management* 259.5 (2010): 893-903.
- Barbour, Michael, Todd Keeler-Wolf, and Allan A. Schoenherr. *Terrestrial Vegetation of California*. 3rd ed. Berkeley: University of California Press, 2007.
- Barnhart, Stephen J., Joe R. McBride, and Peter Warner. "**Invasion of Northern Oak Woodlands by *Pseudotsuga Menziesii* Franco in the Sonoma Mountains of California.**" *Mandrono* 43.1 (1996): 28-45.
- Bartolome, James W., Mitchel P. McClaran, Barbara H. Allen-Diaz, Jim Dunne, Lawrence D. Ford, Richard B Standiford, Niel K. McDougald, and Larry C Forero. "**Effects of Fire and Browsing on Regeneration of Blue Oak.**" *Proceeding of the Fifth Symposium on Oak Woodlands: Oaks in California's Changing Landscape*. Albany: USDA Forest Service Pacific Southwest Research Station, 2002.
- Bass, Ron. "**California's Experience with Environmental Impact Reports.**" *Project Appraisal* 5.4 (1990): 220-224.
- Bass, R.E., A.I. Herson, and K.M. Bogdan. *CEQA Deskbook*. 2nd ed. Rohnert Park: Solano Press Books, 1999.
- Beche, Leah A., Scott L. Stephens, and Vincent H. Resh. "**Effects of Prescribed Fire on a Sierra Nevada (California, USA) Stream and its Riparian Zone.**" *Forest Ecology Management* 218 (2005): 37-59.
- Bernhardt, Elizabeth and Tedmund J. Swiecki. "**Effects of Cultural Inputs on Survival and Growth of Direct Seeded and Naturally Occurring Valley Oak Seedlings on Hardwood Rangeland.**" *Proceeding of the Symposium on Oak Woodlands*. Albany: USDA Forest Service Pacific Southwest Research Station, 1997.
- Benda, Lee, Kevin Andras, Daniel Miller, and Paul Bigelow. "**Interaction of Basin Scale, Network Geometry, and Disturbance Regimes.**" *Water Resources Research*. 40, W05402, doi:1029/2003WR002583. (2004): W05402.
- Benda, L.E., P. Bigelow, P., and T. M. Worsley. "**Recruitment of Wood to Streams in Old-Growth and Second-Growth Redwood Forests, Northern California, U.S.A.**" *Canadian Journal of Forest Research* 32 (2002): 1460-1477.
- Benda, Lee, Marwan A. Hassan, Michael Church, and Christine L. May. "**Geomorphology of Steepland Headwaters: The Transition from Hillslopes to Channels.**" *Journal of the American Water Resources Association*. 41.4 (2005): 835-851.
- Berg, Neil H., David Azuma, and Ann Carlson. *Effects of Wildfire on In-Channel Wood Debris in the Eastern Sierra Nevada, California*. USDA Forest Service General Technical Report PSW-GTR-181, 2002.

- Beschta, Robert L. "**Riparian shade and stream temperature: an alternative perspective.**" 19.2 *Rangelands* (1997): 25-28.
- Beschta RL, Frissell CA, Gresswell R, Hauer R, Karr JR, Minshall BW, Perry DA, Rhodes JJ. ***Wildfire and Salvage Logging: Recommendations for Ecologically Sound Post-Fire Salvage Logging and Other Post-Fire Treatments on Federal Lands in the West.*** 1995.
- Beschta, Robert L., Robert E. Bilby, George W. Brown, L. Blair Holtby, and Terry D. Hofstra. "**Chapter 6: Stream Temperature and Aquatic Habitat: Fisheries and Forestry Interactions.**" *Streamside Management: Forestry and Fishery Interactions.* Seattle: University of Washington, Institute of Forest Resources, 1987.
- Beyers, Jan L., and Carla D. Wakeman. "**Season of Burn Effects in Southern California Chaparral.**" *Second Interface Between Ecology and Land Development in California. Open-File Report 00-62.* Sacramento, CA: US Department of the Interior, Geological Survey (2000): 45-55.
- Bilby, R.E. ***The Function and Distribution of Organic Debris Dams in the Forest Stream Ecosystems.*** Ithaca: Cornell University, 1979.
- Bilby, R.E. and P.A. Bison. "**Allochthonous versus Authchthonous Organic Matter Contribution to the Trophic Support of Fish Populations in Clear-Cut and Old-Growth Forested Streams.**" *Canadian Journal of Fisheries and Aquatic Sciences* 43.3 (1992): 540-551.
- Billings, W.D. "**Ecological Impacts of Cheatgrass and Resultant Fire on Ecosystems in Western Great Basin.**" *Proceedings from the Ecology and Management of Annual Rangelands,* United State Department of Agriculture, 1992.
- Bisson, Peter A., Bruce E. Rieman, Charlie Luce, Paul F. Hessburg, Danny C. Lee, Jeffery L. Kershner, Gordon H. Reeves, and Robert E. Gresswell. "**Fire and Aquatic Ecosystems of the Western USA: Current Knowledge and Key Questions.**" *Forest Ecology and Management* 178.1 (2003): 213-229.
- Bisson, Peter A., Robert E Bilby, Mason D. Bryant, C. Andrew Dolloff, Glenn B. Grette, Robert A. House, Michael L. Murphy, K. Victor Koski, and James R. Sedell. "**Large Woody Debris in Forested Streams in the Pacific Northwest: Past, Present, and Future.**" *Streamside Management: Forestry and Fishery Interactions.* Seattle: University of Washington, Institute of Forestry and Fishery Interactions, 1987.
- Biswell, Harold. ***Prescribed Burning in California Wildlands Vegetation Management.*** Berkley: University of California Press, 1989.
- Biswell, H.H. and A.M. Schultz. "**Surface Erosion as Related to Prescribed Burning.**" *Journal of Forestry* 55 (1965): 372-374.

- Blair, Terence C. and John G. McPherson. "**Chapter 14: Alluvial Fan Processes and Forms.**" *Geomorphology of Desert Environments*. 2nd ed. Springer Science, 1994.
- Bolsinger, Charles L. *The Hardwoods of California's Timberlands, Woodlands, and Savannas*. Portland: USDA Forest Services Pacific Northwest Research Station, 1988.
- Bond, William J., and Jon E. Keeley. "**Fire as a Global 'Herbivore': The Ecology and Evolution of Flammable Ecosystems.**" *Trends in Ecology & Evolution* 20.7 (2005): 387-394.
- Bottorff, Richard L. and Allen W. Knight. *The Effects of Clearcut Logging on the Stream Biology of the North Fork of Casper Creek, Jackson Demonstration State Forest, Fort Bragg, CA*. Davis: California Department of Forestry and Fire Protection, 1996.
- Bradley, Tim, Jennifer Gibson, and Windy Bunn. "**Fire Severity and Intensity During Spring Burning in Natural and Masticated Mixed Shrub Woodlands.**" *Fuels Management – How to Measure Success*. Fort Collins: U.S. Department of Agriculture, Forest Service, 2006.
- Brenda, Lee, Marwan A. Hassan, Michael Church, and Christine L. May. "**Geomorphology of Steepland Headwaters: The Transition from Hillslopes to Channels.**" *Journal of American Water Resources Association* 41.4 (2005): 835-851.
- Brooks, Matthew L., Carla M. D'Antonio, David M. Richardson, James B. Grace, Jon E. Keeley, Joseph M. DiTomaso, Richard J. Hobbs, Mike Pellant, and David Pyke. "**Effects of Invasive Alien Plants on Fire Regimes.**" *BioScience* 54.7 (2004): 677-688.
- Brooks, Mathew L. and David A. Pyke. "**Invasive Plants and Fire in the Deserts of North America.**" *Proceeding of the Invasive Species Workshop: the Role of Fire in the Control and Spread of Invasive Species Fire Conference: the First National Congress on Fire Ecology, Prevention and Management*. Tallahassee: Tall Timbers Research Station, 2001.
- Brown, James K. "**Fire Regimes and their Relevance to Ecosystem Management.**" *Society of American Foresters. Convention (USA)*. 1995.
- Bryant, Edwin. *What I Saw in California: Being the Journal of a Tour by the Emigrant Rout and South Pass of the Rocky Mountains, Across the Continent of North America, the Great Desert Basin, and through California in the Years 1846-1847*. New York: Appleton and Co Press, 1848.
- Blair, Terence C., and John G. McPherson. "**Alluvial Fan Processes and Forms.**" *Geomorphology of Desert Environments*. Springer Netherlands, 1994. 354-402.
- Bosch, J.M. and J.D. Hewlett. "**A Review of the Catchment Experiments to Determine the Effect of Vegetation Changes on Water Yield and Evapotranspiration.**" *Journal of Hydrology* 55 (1982): 3-23.

- Bunn, David, Andrea Mummert, Marc Hoshovsky, Kirsten Gilardi, and Sandra Shanks. *California Wildlife: Conservation Challenges California's Wildlife Action Plan*. Sacramento: California Department of Fish and Game, 2005.
- Bunte, Kristin, and Lee MacDonald. *Scale Considerations and the Detectability of Sedimentary Cumulative Watershed Effects: Technical Bulletin No. 776*. Research Triangle Park: National Council for Air and Stream Improvement, 1999.
- Burns, Russel M. *The Scientific Basis for Silvicultural and Management Decisions in the National Forest System*. Washington: U.S. Department of Agriculture, Forest Service, 1989.
- California Air Resources Board (ARB). *Title 17: Smoke Management Guidelines for Agricultural and Prescribed Burning*. California Environmental Protection Agency. 2000. Web. 4 February 2015. <<http://www.arb.ca.gov/smp/regs/RevFinRegwTOC.pdf>>
- California Air Resources Board (ARB). *California Almanac of Emissions and Air Quality*. California Environmental Protection Agency. 2009. Web. 4 February 2015. <<http://www.arb.ca.gov/aqd/almanac/almanac09/almanac09.htm>>
- California Air Resources Board (ARB). *Smoke Management Plans*. California Environmental Protection Agency. 3 August 2011. Web. 4 February 2015. <<http://www.arb.ca.gov/smp/smp.htm>>
- California Air Resources Board (ARB). *Ambient Air Quality Standards*. California Environmental Protection Agency. California Environmental Protection Agency. 4 June 2013a. Web. 4 February 2015. <<http://www.arb.ca.gov/research/aaqs/aaqs2.pdf>>
- California Air Resources Board (ARB). *Area Designation Maps*. California Environmental Protection Agency. 4 June 2013b. Web. 4 February 2015. <<http://www.arb.ca.gov/ei/areasrc/1stareasrccats809.pdf>>
- California Air Resources Board (ARB). *Area Source Categories*. California Environmental Protection Agency. February 2009. Web. 21 March 2015. <<http://www.arb.ca.gov/smp/wildfire/wildfire.htm#background>>
- California Air Resources Board (ARB). *Almanac of Emissions and Air Quality 2013 Edition Projection Data*. Sacramento: California Environmental Protection Agency, 2013c.
- California Air Resources Board (ARB). *California Almanac of Emissions and Air Quality*. California Environmental Protection Agency. 2013d. Web. 4 February 2015. <<http://www.arb.ca.gov/aqd/almanac/almanac13/almanac13.htm>>
- California Air Resources Board (ARB). *California Greenhouse Gas Inventory for 2000-2012-Summary by Economic Sector*. Sacramento: California Environmental Protection Agency, 2014a. Web. 4 February 2015. <http://www.arb.ca.gov/cc/inventory/pubs/reports/ghg_inventory_00-12_report.pdf>

California Air Resources Board (ARB). *Coordination and Communication for Naturally Ignited Fires*. California Environmental Protection Agency. 15 August 2011. Web. 21 March 2015.

<<http://www.arb.ca.gov/smp/nif/nif.htm>>

California Air Resources Board (ARB). *First Update to the Climate Change Scoping Plan: Building on the Framework*. Sacramento: California Environmental Protection Agency, 2014b. Web. 4 February 2015.

<http://www.arb.ca.gov/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf>

California Air Resources Board (ARB). *Proposed Amendments to California's Agricultural Burning Guidelines: Staff Report*. Sacramento: California Environmental Protection Agency, 2000.

California Air Resources Board (ARB). *Status of Scoping Plan Recommended Measures*. Sacramento: California Environmental Protection Agency, 2011. Web. 9 February 2015.

<http://www.arb.ca.gov/cc/scopingplan/status_of_scoping_plan_measures.pdf>

California Air Resources Board (ARB). *Climate Change Scoping Plan: A Framework for Change*. Sacramento: California Environmental Protection Agency, 2018. Web. 9 February 2015.

<http://www.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf>

California Air Resources Board (ARB). *Possible Wildfire Impacts on Air Quality*. California Environmental Protection Agency. 11 February 2014. Web. 21 March 2015.

<<http://www.arb.ca.gov/smp/wildfire/wildfire.htm#background>>

California Air Resources Board (ARB). *Monthly Percentage of Permissive Burn Days 2005*. California Environmental Protection Agency. Web. 11 February 2016.

<<http://www.arb.ca.gov/smp/histor/histor05/pb2005.xls>>

California Air Response Planning Agency (CARPA). *Wildfire Smoke Response Coordination – Best Practices Being Implemented by Agencies in California*. 2014. 19 March 2014.

<<http://www.arb.ca.gov/carpa/cawildfiresmokeresponsecoordinationaug14.pdf>>

California Board of Forestry and Fire Protection (Board). *2010 Strategic Fire Plan for California*. Sacramento: California Board of Forestry and Fire Protection, 2010.

California Board of Forestry and Fire Protection (Board). *Environmental Impact Report for the Draft Jackson Demonstration State Forest Management Plan*. Sacramento: California Board of Forestry and Fire Protection, 2005.

California Climate Action Registry (CCAR). *California Climate Action Registry General Reporting Protocol*. Version 3.1. Los Angeles: 2009. Web. 8 February 2015. <

<http://www.climateregistry.org/tools/protocols/general-reporting-protocol.html>>

California Energy Commission. *Energy Almanac: 2013 Total Electricity System Power*. 2013. Web. 20 March 2015. <http://energyalmanac.ca.gov/electricity/total_system_power.html>

California Energy Commission (CEC). *California Electricity Statistics and Data*. 2013. Web. 20 March 2015. <<http://energyalmanac.ca.gov/electricity/>>

California Energy Commission (CEC). *Hydroelectric Power in California*. 2015. Web. 20 March 2015. <<http://www.energy.ca.gov/hydroelectric/>>

California Department of Finance (DOF). *1850-2010 Historical US Census Population of Counties and Incorporated Cities/Towns in California*. 2010. Web. 09 March 2015. <http://www.dof.ca.gov/research/demographic/state_census_data_center/historical_census_1850-2010/view.php>

California Department of Finance (DOF). *Total Population Rank: Cities 2000 and 2010 Incorporated Cities in California*. 2010. Web. 09 March 2015. <http://www.dof.ca.gov/research/demographic/state_census_data_center/census_2010/>

California Department of Finance (DOF). *Demographic Research*. 2013. Web. 09 March 2015. <<http://www.dof.ca.gov/Research/demographic/>>

CAL FIRE. *2012 Strategic Plan for the California Department of Forestry and Fire Protection*. Sacramento: California Department of Forestry and Fire Protection (CAL FIRE), 2012.

CAL FIRE. *Greenhouse Gas Reduction Fund*. California Department of Forestry and Fire Protection. Web. 19 February 2015. <http://calfire.ca.gov/resource_mgt/GGRF.php>

CAL FIRE. *CAL FIRE Emergency Fund Suppression Expenditures*. Sacramento: California Department of Forestry and Fire Protection (CAL FIRE), 2014. Web. 3 March 2015. <http://www.fire.ca.gov/fire_protection/downloads/SuppressionCostsOnepage.pdf>

CAL FIRE. *Communities at Risk List*. California Department of Forestry and Fire Protection. Web. 2 March 2015. <http://calfire.ca.gov/fire_prevention/fire_prevention.php>

CAL FIRE. *Fire Prevention*. California Department of Forestry and Fire Protection. Web. 2 March 2015. <http://calfire.ca.gov/fire_prevention/fire_prevention.php>

CAL FIRE Fire and Resource Assessment Program (FRAP). *The Changing California: Forest and Range 2003 Assessment*. Sacramento: California Department of Forestry and Fire Protection (CAL FIRE), 2003.

CAL FIRE Fire and Resource Assessment Program (FRAP). *California's Forests and Rangelands: 2010 Assessment*. Sacramento: California Department of Forestry and Fire Protection (CAL FIRE), 2010.

- CAL FIRE. *California Fire Siege 2003: The Story*. Sacramento: California Department of Forestry and Fire Protection, 2003.
- CAL FIRE. *Demonstration State Forests*. California Department of Forestry and Fire Protection. Web. 21 March 2015. <http://www.fire.ca.gov/resource_mgt/resource_mgt_stateforests.php>
- CAL FIRE Fresno Kings. “**The Peterson Fire and Cressman Fuel Modification Zone.**” *Interaction Report*. Fresno: Internal Department Document, 2004.
- CAL FIRE San Luis Obispo and San Luis Obispo County Fire Department. *West Atascadero Pre-Attack Plan and West Atascadero Fuelbreak Utilized During the Toro Creek Fire*. 8 November 2013. Web. 5 March 2015. <http://www.calfireslo.org/Documents/SuccessStoriesWeb/SLU_Toro_Creek_Fire_Sucess_Story%28reduced%29.pdf>
- California Department of Forestry (CDF). *Chaparral Management Program: Final Environmental Impact Report*. Sacramento: California Department of Forestry, 1981.
- California Department of Fish and Wildlife (CDFW). *CDFW Lands*. California Department of Fish and Wildlife. Web. 21 March 2015. <<https://www.wildlife.ca.gov/Lands>>
- California Department of Industrial Relations. *History of California Minimum Wage*. 2014. Web. 20 March 2015. <<http://www.dir.ca.gov/iwc/minimumwagehistory.htm>>
- California Department of Parks and Recreation. *California State Parks*. California Department of Parks and Recreation. Web. 20 March 2015. <http://www.parks.ca.gov/?page_id=91%27>
- California Department of Transportation (CalTrans). *California Public Road Data*. California Department of Transportation Highway Performance Monitoring System. Web. 20 March 2015.
- California Department of Transportation (CalTrans). *Frequently Asked Questions*. California Department of Transportation. Web. 20 March 2015. <http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/faq.htm>
- California Department of Transportation (CalTrans). *Scenic Highway Guidelines*. Landscape Architecture Program, Division of Design, 2008.
- California Department of Water Resources (DWR). *The California Water Plan Update: Bulletin 160-98*. Sacramento: Department of Water Resources, 1998.
- California Department of Water Resources (DWR). *California’s Groundwater: Bulletin 188*. Sacramento: Department of Water Resources, 2003. Web. 17 November 2017. <<http://www.water.ca.gov/groundwater/bulletin118/bulletin118update2003.cfm>>

- California Department of Water Resources (DWR). *Recreation*. Web. 21 March 2015.
<<http://www.water.ca.gov/recreation/>>
- California Fire Science Consortium (CFSC). *Panel Review Report of the Vegetation Treatment Program Environmental Impact Report*. Sacramento: California Board of Forestry and Fire Protection (Board), 2014.
- California Geological Survey (CGS). *California Geomorphic Provinces: Note 36*. Sacramento: California Geological Survey, 2002.
- California Geological Survey (CGS). *Factors Affecting Landslides in Forested Terrain: Note 50*." Sacramento: California Geological Survey, 2011.
- California Geological Survey (CGS). *Guidelines for Preparing Geological Reports for Regional-Scale Environmental and Resource Management Planning: Note 52*. Sacramento: California Geological Survey, 2013.
- California Invasive Plant Council (Cal-IPC). *Preventing the Spread of Invasive Plants: Best Management Practices for Land Managers*. 3rd ed. Berkley: Cal-IPC Publication, 2012.
- California Native Plant Society. *CNPS Botanical Survey Guidelines*. Sacramento: California Native Plant Society, 1993 (Revised 2001).
- California Natural Resources Agency (CNRA). *Safeguarding California: Reducing Climate Risk (An update to the 2009 California Climate Adaptation Strategy)*. 2014. Web. 20 February 2015.
<http://resources.ca.gov/docs/climate/Final_Safeguarding_CA_Plan_July_31_2014.pdf>
- California Natural Resources Agency (CNRA). *California Climate Adaptation Strategy*. 2009. Web. 9 February 2015. <http://resources.ca.gov/docs/climate/Statewide_Adaptation_Strategy.pdf>
- California Partners in Flight (CalPIF). *The Oak Woodland Bird Conservation Plan: A Strategy for Protecting and Managing Oak Woodland Habitats and Associated Birds in California*. Version 2. Stinson Beach: Point Reyes Bird Observation. Web. July 2012. <<http://www.prbo.org/calpif/plans.html>>
- California Performance Review. *RES12 Restructure Funding and Governance for Certain Land Conservancies*. California Performance Review. Web. 21 March 2015. <
http://cpr.ca.gov/CPR_Report/Issues_and_Recommendations/Chapter_5_Resource_Conservation_and_Protection/RES12.html>
- California State Lands Commission. *California's Rivers: A Public Trust Report*. 1993.

- California State Lands Commission. *About the California State Lands Commission*. Web. 21 March 2015. <http://www.slc.ca.gov/About_The_CSLC/About_The_CSLC_Home_Page.html>
- California Protected Areas (CPAD). *California Protected Areas Data Portal, CPAD_2014a*. 20 March 2015. <<http://www.calands.org/>>
- California Travel Trends and Demographic Study*. Los Angeles: Institute of Transportation Studies, University of California, 2002.
- Cameron, Richard, Jaymee Marty, and Robert F. Holland. “**Whither the Rangeland?: Protection and Conversion in Rangeland Ecosystems.**” *PLOS:one* 9.8 (2014): 1-12.
- Carbon Dioxide Information Analysis Center (CDIAC). *2013 Global Carbon Project*. Carbon Dioxide Information Analysis Center. 2013. Web. 21 March 2015. <<http://cdiac.ornl.gov/GCP/carbonbudget/2013/>>
- Carlson, Chris H., Solomon Z Dobrowski, and High D. Safford. “**Variation in Tree Mortality and Regeneration Affect Forest Carbon Recover Following Fuel Treatments and Wildfire in the Lake Tahoe Basin, California, USA.**” *Carbon Balance and Management* 7.7 (2012): 1-17.
- Cayan, Daniel R., Edwin P. Maurer, Michael D. Dettinger, Mary Tyree, and Katharine Hayhoe. “**Climate Change Scenarios for the California Region.**” *Climatic Change* 87.1 (2008): 21-42.
- Cederholm, C. J., L. C. Lestelle, B. G. Edie, D. J. Martin, J. V. Tagart, and E. O. Salo *The Effects of Landslide Siltation on the Salmon and Trout Resources of Stequaleho Creek and the Main Clearwater River, Jefferson County, Washington, 1972-1975*. Seattle: University of Washington, 1978.
- CH2M Hill. *California Livestock Industry Economic Model*. Sacramento: 1989.
- Chamberlin, T. W., R. D. Harr, and F. H. Everest. “**Timber Harvesting, Silviculture, and Watershed Processes.**” *American Fisheries Society Special Publication* 19 (1991):181-205.
- Chang, Chi-Ru. “**Chapter 39: Ecosystem responses to Fire and Variations in Fire Regimes.**” *Status of the Sierra Nevada: The Sierra Nevada Ecosystem Project*. Denver: U.S. Geological Survey, 1997.
- Church, Michael. “**Geomorphic Thresholds in Riverine Landscapes.**” *Freshwater Biology* 47.4 (2002): 541-557.
- Churchill, R.K., and R.L. Hill. “**A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos.**” *California Department of Conservation, Open File Report 2000-19* (2000). Web. 4 February 2015. <ftp://ftp.consrv.ca.gov/pub/dmg/pubs/ofr/ofr_2000-019.pdf>
- Climate Action Team (CAT). **Forestry Sector Subgroup – Scoping Plan Measure Development and Cost Analysis**. 2008.

- Cochrane, M.A., C.J. Moran, M.C. Wimberly, A.D. Baer, M.A. Finney, K.L. Beckendorf, and J. Eidenshink and Z. Zhu. "**Estimation of Wildfire Size and Risk Changes Due to Fuel Treatments.**" *International Journal of Wildland Fire* 21 (2012): 357-367.
- California Energy Commission (CEC). "Biomass Energy in California." 2001a. Web. 2011 October 26.
<<http://www.energy.ca.gov/biomass/biomass.html>.>
- California Energy Commission (CEC). "**Waste to Energy (WTE) & Biomass in California.**" *Waste to Energy (WTE) & Biomass in California* (2011b). Web. 2011 October 26.
<<http://www.energy.ca.gov/biomass/index.html>.>
- Conrad, C. Eugene, George A. Roby, and Serena C. Hunter. *Chaparral and Associated Ecosystems Management: a 5-year research and development program*. Berkeley: Pacific Southwest Forest and Range Experiment Station, 1986.
- Council on Environmental Quality (CEQ). *Climate Change Resilience*. The White House. Web. 9 February 2015.
<<http://www.whitehouse.gov/administration/eop/ceq/initiatives/resilience>.>
- Countryman, Clive M. *The Fire Environment Concept*. Berkeley: USDA Forest Service Pacific Southwest Forest and Range Experiment Station, 1972.
- Cummins, K.W. "**Structure and Function of Stream Ecosystems.**" *BioScience* 24 (1974): 631-641.
- Dahlgren, R. A., K.W. Tate, David J Lewis, Edward R. Atwill, John M. Harper, Barbara H. Allen-Diaz. "**Watershed Research Examines Rangeland Management Effects on Water Quality.**" *California Agriculture* 55.6 (2001).
- D'Antonio, Carla M. and Peter M. Vitousek. "**Biological Invasions by Exotic Grasses, The Grass/Fire Cycle, and Global Change.**" *Annual Review of Ecological Systematics* 23 (1992): 63-87.
- D'Antonio, C. M., T. L. Dudley, and M. Mack. "**Disturbance and Biological invasions: Direct effects and feedbacks.**" *Ecosystems of disturbed ground*. Elsevier, New York, NY. 1999.
- D'Antonio, Carla, Eric L. Berlow, and Karen L. Haubensak. "**Invasive Exotic Plant Species in Sierra Nevada Ecosystems.**" *Proceeding of the Sierra Nevada Science Symposium*. Albany: USDA Forest Service Pacific Southwest Research Station, 2002.
- Dale, Virginia H., Linda A. Joyce, Steve McNulty, and Ronald P. Neilson. "**The Interplay between Climate Change, Forests, and Disturbances.**" *Science of the Total Environment* 262.3 (2000): 201-204.
- Davis, Stacy C., Susan W. Diegel, and Robert G. Boundy. *Transportation Energy Data Book: Edition 34*. Oakridge: Vehicle Technologies Office, Office of Energy Efficiency and Renewable Energy, 2015.

- Deal, K. *Fire, Obsidian, and Ecosystems Management: Some Burning Issues*. Placerville: El Dorado National Forest, 1997.
- DeBano, L.F. *Water Repellent Soils: A State-of-the-Art*. Berkley: Pacific Southwest Forest and Range Experiment Station, 1981.
- DeBano, Leonard F., Daniel G. Neary, and Peter F. Ffolliott. *Fire Effects on Ecosystems*. New York: Wiley, 1998.
- DeBano, Leonard F. and C. Eugene Conrad. “**Nutrients Lost in Debris and Runoff Water from a Burned Chaparral Watershed.**” *PB Us National Tech InfoServ* (1976).
- Department of Fish and Game (DFG). *A Guide to Wildlife Habitats of California*. Sacramento: Department of Fish and Game, 1988.
- Department of Fish and Game (DFG). *Restoring Central Valley Streams: A Plan for Action*. Sacramento: DFG, 1993. 17 March 2014.
<<https://www.dfg.ca.gov/fish/documents/Resources/RestoringCentralVallyStreams.pdf>>
- Department of Fish and Game (DFG). *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities*. Sacramento: Department of Fish and Game, 2009.
- Department of Fish and Wildlife. *Threatened and Endanger Species*. Web. 19 March 2015.
<https://www.dfg.ca.gov/wildlife/nongame/t_e_spp/>
- Department of Water Resources. *The California Water Plan Update: Bulletin 160-98*. 1998. Web. 17 March 2012.
<<http://www.waterplan.water.ca.gov/previous/b160-98/TOC.cfm>>
- Diffenbaugh, Noah S., Daniel L. Swain, and Danielle Touma. “**Anthropogenic Warming has Increased Drought Risk in California.**” *Proceedings of the National Academy of Sciences* 112.13 (2015): 3931-3936.
- Diller, L.V. and R. L. Wallace. “**Distrubtion of Habitat of Rhyacotriton Variegatus on Managed, Young Growth Forest in North Coastal California.**” *Herpetol* 30 (1996): 184-191.
- Dillion, B.D. “**Archaeological Site Typology.**” *Archaeological Training Reference Manual and Study Guide for Resource Professionals in California*. Sacramento: California Department of Forestry and Fire Protection, 1997.
- Di Orio, Aaron P., Richard Callas, and Robert J. Schaefer. “**Forty-Eight Year Decline and Fragmentation of Aspen (Populus Tremuloides) in the South Warner Mountains of California.**” *Forest Ecology and Management* 206:1-3 (2005): 307-313.

- Dombeck, Michael P., Jack E. Williams, and Christopher A. Wood. "**Wildfire Policy and Public Lands: Integrating Scientific Understanding with Social Concerns across Landscapes.**" *Conservation Biology* 18.4 (2004): 883-889.
- Doran, Peter T., and Maggie Kendall Zimmerman. "**Examining the Scientific Consensus on Climate Change.**" *Eos, Transactions American Geophysical Union* 90.3 (2009): 22-23.
- Drut, Martin S. and Joseph B. Buchanan. *Northern Pacific Coast Regional Shorebird Management Plan*. U.S. Shorebird Conservation Plan, 2000.
- Einiger, S. *Long Mesa Fire 198: Archaeological Survey and Post-Fire Assessment*. Mesa Verde National Park, Research and Cultural Resource Management, 1990.
- Elliot, William, Ina Sue Miller, and Lisa Audin. *Cumulative Watershed Effects of Fuel Management in the Western United States*. Fort Collins: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2010.
- Elliot, W.J., and I.S. Miller. *Estimating Erosion Impacts from Implementing the National Fire Plan, 2002 ASAE Annual International Meeting July 28-31, 2002*. St Joseph: ASAE, 2002.
- EXTOXNET. *Pesticide Regulation*. UC Davis, 2001.
- Feather River Air Quality Management District (FRAQMD). "**Indirect Source Review Guidelines.**" *A Technical Guide to Assess the Air Quality Impact of Land Use Projects Under the California Environmental Quality Act*. 2010. Web. 16 February 2015. <<http://www.fraqmd.org/CEQA/Update%202010/FINAL%206-7-10/Chapter%203.pdf>. >
- Ferry, G. W., R.G. Clark, R.W. Mutch, W.P. Leenhouts, and G.T. Zimmerman. "**Altered Fire Regimes within Fire-Adapted Ecosystems.**" *Our Living Resources: A Report to the Nation on the Distribution, Abundance and Health of U.S. Plants, Animals, and Ecosystems*. Washington DC: US Department of the Interior National Biological Service, 1995: 222-224.
- Field, Donald R., and Dana A. Jensen. "**Humans, Fire, and Forests: Expanding the Domain of Wildfire Research.**" *Society and Natural Resources* 18.4 (2005): 355-362.
- Finney, Mark A. "**Design of Regular Landscape Fuel Treatment Patterns for Modifying Fire Growth and Behavior.**" *Forest Science* 47.2 (2001): 219-228.
- Finney, Mark A., and Jack D. Cohen. "**Expectation and Evaluation of Fuel Management Objectives.**" *Landscape Planning* USDA Forest Service Proceedings RMRS-P-29 (2003): 353-366.

- Finney, Mark A., Charles W. McHugh, and Isaac C. Genfell. "**Stand- and Landscape-level Effects of Prescribed Burning on Two Arizona Wildfires.**" *Canadian Journal of Forest Research* 35.7 (2005): 1714-1722.
- Forest Ecosystem Management Assessment Team (FEMAT). **Forest Ecosystem Management: An Ecological, Economic and Social Assessment.** Washington, DC: U.S. Forest Service, 1993.
- Forman R.T.T. *Land Mosaics: The Ecology of Landscape and Regions.* Cambridge: Cambridge University Press, 1997.
- Foster, D. G., and L. Pollack. *Archaeological Review Procedures for CAL FIRE Projects.* Sacramento: California Department of Forestry and Fire Protection, 2010.
- Foster, Dan and Allen Robertson. *Archaeological Review Procedures for Prop-40 Funded CDF Projects.* Sacramento: California Department of Forestry and Fire Protection, 2005.
- Franklin, Jerry F. and JoAnn Fites-Kaufmann. "**Assessment of Late-Successional Forests of the Sierra Nevada.**" *Sierra Nevada Ecosystem Project: Final report to Congress, vol. II, Assessments and Scientific Basis for Management Options.* Davis: University of California, Centers for Water and Wildland Resources, 1996.
- Fredrickson, David A. "**Cultural Diversity in Early Central California: A View from the North Coast Ranges.**" *Journal of California Anthropology* 1.1 (1974): 41-53.
- Fried, Jeremy S., Margaret S. Torn, and Evan Mills. "**The Impact of Climate Change on Wildfire Severity: A Regional Forecast for Northern California.**" *Climatic Change* 64.1-2 (2004): 169-191.
- Frissell, Christopher A., William J. Liss, Charles E. Warren, and Michael D. Hurley. "**A Hierarchical Framework for Stream Habitat Classification: Viewing Streams in a Watershed Context.**" *Environmental Management* 10.2 (1986): 199-214.
- Furlong, Kevin P. and Rob Govers. "**Ephemeral Crustal Thickening at a Triple Junction: The Mendocino Crustal Conveyor.**" *Geology* 27.2 (1999); 127-130
- Gaman, Tom and Jeffrey Firman. *Oaks 2040: The Status and Future of Oaks in California.* Oakland: California Oak Foundation, 2006.
- Garcia, Nelly Robles. *The Management of Archeological Resources in Mexico.* Society for American Archaeology, 2000.
- Gordon, D.R., K.J. Rice. "**Competitive Suppression of Quercus douglasii Seedling Emergence and Growth.**" *American Journal of Botany* 87.7 (2000): 986-994.

- Government Accountability Office (GAO). *Wildland Fire Management: Additional Actions Required to Better Identify and Prioritize Lands Needing Fuels Reduction*. Washington: Government Accountability Office, 2003.
- Graham, Russell T., Theresa B. Jain, and Susan Matthews. "Fuel Management in Forests of the Inland West." *Cumulative Watershed Effects of Fuel Management in the West United States*. USDA Forest Service RMRS-GTR-231 (2010): 19-68.
- Graham, Russell T., Sarah McCaffrey, and Theresa B. Jain. *Science Basis for Changing Forest Structure to Modify Wildfire Behavior and Severity*. Fort Collins: U.S. Department of Agriculture, Forest Service Rocky Mountain Research Station, 2004.
- Grant, Gordon E., Sarah L. Lewis, Frederick J. Swanson, John H. Cissel, and Jeffrey J. McDonnell. *Effects of Forest Practices on Peak Flows and Consequent Channel Response: A State-of-Science Report for Western Oregon and Washington*. Corvallis: United States Department of Agriculture, Forest Service, Pacific Northwest Research Station, 2008.
- Grant, Gordon E., Christina L. Tague, and Craig D. Allen. "Watering the Forest for the Trees: An Emerging Priority for Managing Water in Forest Landscapes." *Frontiers in Ecology and the Environment* 11.6 (2013): 314-321.
- Gray, Donald H. and Andrew T. Leisner. **Biotechnical Slope Protection and Erosion Control**. Van Nostrand Reinhold Company, Inc. 1982.
- George, Melvin R., John Harper, Stephanie Larsen, Bill Weitkamp, Holly George, and Leonard Jolley. "Implementing California's Rangeland Water Quality Management Plan: Ranch Water Quality Management Planning Short Courses for Rangeland Owners." *Proceedings of AWRA Spec Conf., Rangeland Management and Water Resources Association*, 1998.
- Gregory, R., D. Ohlson and J. Arvia. "Deconstructing Adaptive Management: Criteria for Applications to Environmental Management." *Ecological Applications* 16 (2006): 2144-2425.
- Gregory, S.V., FJ Swanson, and WA Mckee. "An Ecosystem Perspective of Riparian Zones." *BioScience* 40 (1991): 540-551.
- Grette, G.B. *The Abundance and Role of Large Organic Debris in Juvenile Salmonid Habitat in Streams in Second Growth and Unlogged Forests*. Seattle: Masters Thesis University of Washington, 1984.
- Gruell, George E. *Fire in Sierra Nevada Forests: A Photographic Interpretation of Ecological Change Since 1849*. Mountain Press, 2001.

- Gude, Patricia H., Kingsford Jones, Ray Rasker, and Mark C. Greenwood. "**Evidence for the Effect of Homes on Wildfire Suppression Costs.**" *International Journal of Wildland Fire* 22.4 (2013): 537-548.
- Hammer, Roger B., Volker C. Radeloff B, Jeremy S. Fried C, and Susan I. Stewart. "**Wildland–Urban Interface Housing Growth during the 1990s in California, Oregon, and Washington.**" *International Journal of Wildland Fire* 16.3 (2007): 255-265.
- Hanes, Ted L. "**Succession after Fire in the Chaparral of Southern California.**" *Ecological Monographs* 41 (1971): 27-52.
- Hann, Wendel J., and David L. Bunnell. "**Fire and Land Management Planning and Implementation across Multiple Scales.**" *International Journal of Wildland Fire* 10.4 (2001): 389-403.
- Harden, Deborah. *California Geology*. 2nd Ed. Pearson Prentice Hall, 2004.
- Hardy, Colin C., Kirsten M. Schmidt, James P. Menakis and R. Neil Sampson. "**Spatial Data for National Fire Planning and Fuel Management.**" *International Journal of Wildland Fire* 10.4 (2001): 353-372.
- Harmon, M.E., J.F. Franklin, F.J. Swanson, P. Sollins, S.V. Gregory, J.D. Lattin, N.H. Anderson, S.P. Cline, N.G. Aumen, J.R. Sedell, G.W. Leinkaemper, K. Cromack, Jr., K.W. Cummins. *Advances in Ecological Research Volume 15*. United States Department of Agriculture Forest Service, 1986.
- Hays, Grey F. and Karen D. Holl. "**Cattle Grazing Impacts on California Coastal Prairie and Associated Wildflowers over Broad Geographic Range.**" *Cal-Pac Society for Range Management Symposium: Grazing for Biological Conservation* (2006): 1-3.
- Healthy Forests Restoration Act of 2003** (HFRA 2003), §§ P.L.-108-148, 2003.
- Hendrickson J. and B. Olson. "**Chapter 4: Understanding Plant Response to Grazing.**" *Targeted Grazing*. American Sheep Industry Association, 2006.
- Hobbs, Richard J. and Laura F. Huenneke. "**Disturbance, Diversity, and Invasion: Implication of Conservation.**" *Conservation Biology* 6.3 (1992): 324-337.
- Hobbs, N. Thompson and David S. Schimel. "**Fire Effects on Nitrogen Mineralization and Fixation in Mountain Shrub and Grassland Communities.**" *Journal of Range Management* 37.5 (1984): 402-405.
- Holland, Robert F. *Preliminary Descriptions of the Terrestrial Natural Communities of California*. Sacramento: California Department of Fish and Game, 1986.
- Horney, Marc, Richard B. Standiford, Douglas McCreary, Jerry Tecklin, and Roy Richards.. "**Effects of Wildfire on Blue Oak in the Northern Sacramento Valley.**" *Proceeding of the Fifth Symposium on Oak*

- Woodlands: Oaks in California's Changing Landscape*. Albany: USDA Forest Service Pacific Southwest Research Station, 2002.
- Horton, J.S. and C.J. Kraebel. "**Development of Vegetation after Fire in the Chamise Chaparral of Southern California.**" *Ecology* 36 (1955): 244-262.
- Hubbard, R.K., G.L. Newton, and G.M. Hill. "**Water Quality and the Grazing Animal.**" *Publication from USDA-ARS/UNL Faculty Paper 274* (2004): E255-E263.
- Huff, Mark H., Nathaniel E. Seavy, John D. Alexander, and C. John Ralph. "**Fire and Birds in Maritime Pacific Northwest.**" *Studies in Avian Biology* 30 (2005): 46-62.
- Hunter, R. *South Coast Regional Report: California Wildland Project Vision for Wild California*. Davis: Prepared for the California Wilderness Coalition, 1999.
- Hurteau, Matthew D., and Malcolm North. "**Carbon Recovery Rates Following Different Wildfire Risk Mitigation Treatments.**" *Forest Ecology and Management* 260.5 (2010): 930-937.
- Husari, Sue, H. Thomas Nichols, Neil G. Sugihara, and Scott L. Stephens. "**Chapter 19: Fire and Fuel Management.**" *Fire in California's Ecosystems*. University of California Press, 2006.
- Ice, George G, Daniel G. Neary, and Paul W. Adams. "**Effects of Wildfire on Solids and Watershed Processes.**" *Journal of Forestry* 102.6 (2004): 16-20.
- Intergovernmental Panel on Climate Change (IPCC). *Working Group I: The Scientific Basis*. Web. 20 March 2015. <<http://www.ipcc.ch/ipccreports/tar/wg1/016.htm>>
- Istanbulluoglu, Erkan, David G. Tarboton, Robert T. Pack, and Charles H. Luce. "**Modeling of the Interactions between Forest Vegetation, Disturbances, and Sediment Yields.**" *Journal of Geophysical Research* 109 (2004): 1-22
- Irwin, William P. "**Chapter 2: Klamath Mountain Province.**" *Geology of Northern California: Bulletin 190*. San Francisco: California Division of Mines and Geology, 1966.
- Jakes, Pamela. "**Landscape Change and Aesthetics.**" *Fuels Planning: Science Synthesis and Integration, Social Issues Fact Sheet RMRS-RN-21-15-WWW* (2006a): 1-2.
- Jakes, Pamela. "**Prescribed Fire and Visual Quality.**" *Fuels Planning: Science Synthesis and Integration: Social Issues Fact Sheet RMRS-RN-21-16-WWW* (2006b) 1-2.
- Jansen, Henricus C., Richard R. Snow, Gregory A. Treber, and Fremont L. Bell. *Effects of Livestock Grazing on Blue Oak Saplings*. USDA Forest Service Gen. Tech Report, 1997.

- Jenkins, Michael. "**Unit 9: Extreme Fire Behavior.**" *Utah State University WILD4520 – Wildland Fire Management and Planning* Spring (2004).
- Jenny, Hans. *Factors of Soil Formation: A System of Quantitative Pedology*. Courier Corporation, 1994.
- Johnson, Steven R., Howard L. Gary, and Stanley L. Ponce. *Range Cattle Impacts on Stream Water Quality in the Colorado Front Range*. United States Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, 1978.
- Kallenbach, Elizabeth A. "**The California Indian Basketweavers Association: Advocates for the Use of Museum Collection by Contemporary Weavers.**" *Museum Anthropology Review* 3.1 (2009): 1-13.
- Kane, Jeffrey M., J. Morgan Verner, and Eric E. Knapp. *Initial Understory Vegetation Response to Mechanical Mastication Fuel Treatments: Balancing Biodiversity and Fire Hazard Reduction*. Arcata: Humboldt State University, 2006.
- Keeley, Jon E. "**Fire Management of California Shrubland Landscapes.**" *Environmental Management* 29.3 (2002): 395-408.
- Keeley, Jon E., Daniel Lubin, and C.J. Fotheringham. "**Fire and Grazing Impacts on Plant Diversity and Alien Plant Invasions in the Southern Sierra Nevada.**" *Ecological Applications* 13.5 (2003): 1355-1374.
- Keeley, Jon E., and C. J. Fotheringham. "**Smoke-Induced Seed Germination in California Chaparral.**" *Ecology* 79.7 (1998): 2320-2336.
- Keeley, Jon E., and C. J. Fotheringham. "**Impact of Past, Present, and Future Fire Regimes on North American Mediterranean Shrublands.**" *Fire and Climatic Change in Temperate Ecosystems of the Western Americas*. Springer New York, 2003: 218-262.
- Keeley, Jon E., C. J. Fotheringham, and Max A. Moritz. "**Lessons from the October 2003. Wildfires in Southern California.**" *Journal of Forestry* 102.7 (2004): 26-31.
- Keeley, Jon E., C. J. Fotheringham, and Marco Morais. "**Reexamining Fire Suppression Impacts on Brushland Fire Regimes.**" *Science* 284.5421 (1999): 1829-1832.
- Keeley, Jon E., J. Franklin, and C.D'Antonio. "**Fire and Invasive Plants on California Landscapes.**" *The Landscape Ecology of Fire: Ecological Studies* (2011): 193-221.
- Keeley, Jon E., Hugh Safford, C.J. Fotheringham, Janet Franklin, and Max Moritz. "**The 2007 Southern California Wildfires: Lessons in Complexity.**" *Journal of Forestry* 107.6 (2009): 287-296.

- Keeley, R. E. and J. Maburry. "**Trial by Fire: Effects of NPS Burn Programs upon Archeological Resources.**" *Proceedings from the Second Conference on Scientific Research in National Parks, Volume 1*. United States Department of the Interior, 1980.
- Keller, E.A. and Swanson, F.J. "**Effects of large organic material on channel form and fluvial processes.**" *Earth Surface Processes* 4 (1979): 361-380.
- Kent, Larissa L. Yocom, Kristen L. Shive, Barabara A. Strom, Carolyn H. Sieg, Molly E. Hunter, Camille S. Stevens-Rumann, and Peter Z. Fule. "**Interactions of Fuel Treatments, Wildfire Severity, and Carbon Dynamics in Dry Conifer Forests.**" *Forest Ecology Management* (2015).
- Kern County Fire. *West Fire Pre-Fire Management Review*. Bakersfield: Internal Department Document, 2010.
- Kim, Young-duk, Yoshihiko Hayashi, Yohanes Joni Tri C, and Seung Jeong Baek. *A Numerical Study on Travel Distance of Firebrands by Wind*. The Seven Asia-Pacific Conference on Wind Engineering, Taiwan, November 8-12. 2009.
- Knapp, Eric E., Weatherspoon C. Phillip, and Skinner, Carl. "**Shrub Seed Banks in Mixed Conifer Forester of Northern California and the Role of Fire in Regulating Abundance.**" *Fire Ecology* 8:1 (2012): 32-48
- Knight, B. *Fire Effects on Colorado BLM Cultural Resources*. Glenwood: U.S. Bureau of Land Management, Glenwood Springs Resources Area, 1992.
- Koo, Eunmo, Patrick J. Pagni, David R. Weise, and John P. Woycheese. "**Firebrands and Spotting Ignition in Large-Scale Fire.**" *International Journal of Wildland Fire* 19 (2010): 818-843.
- Landres, Peter B., Penelope Morgan, and Frederick J. Swanson. "**Overview of the Use of Natural Variability Concepts in Managing Ecological Systems.**" *Ecological Applications* 9.4 (1999): 1179-1188.
- Lang, F. Jordan. "**Oak Regeneration Assessment – A Problem Analysis.**" Sacramento Jones and Stokes Associates prepared for California Department of Forestry and Fire Protection FRAP, 1988.
- Larson, Isaac J., Lee H MacDonald, Ethan Brown, Daniella Rough, Matthew J. Welsh, Joseph H. Pietrasezek, Zamir Libohova, Juan de Dios Benavides-Solorio, and Keelin Schaffrath. "**Causes of Post-Fire Runoff and Erosion: Water Repellency, Cover, or Soil Sealing?**" *Forest, Range & Wildland Soils* 73.4 (2009): 1393-1407.
- Launchbaugh, Karen. "**Engaging Livestock in Weed Management.**" *Prescribed Grazing – A Tool for Weed Management*. Davis: University of California, 2006.
- Lawrence, George E. "**Ecology of Vertebrate Animals in Relation to Chaparral Fire in the Sierra Nevada Foothills.**" *Ecology* 47.2 (1966): 278-291.

- Lee, Kai N. "**Appraising Adaptive Management.**" *Ecology and Society* 3.2 (1999): 3-26.
- Lenihan, James M., Raymond Drapek, Dominique Bachelet, and Ronald P. Neilson. "**Climate Change Effects on Vegetation Distribution, Carbon, and Fire in California.**" *Ecological Applications* 13.6 (2003): 1667-1681.
- Lentz, Stephen C., Joan K. Gaunt, and Asisa J. Willmer. *Fire Effects on Archaeological Resources, Phase I: Henry Fire, Holiday Mesa, Jemez Mountains, New Mexico*. Fort Collins: United State Department of Agriculture, Forest Service, 1996.
- Linn, Rodman R. and Carolyn H. Seig. *Using a Physics-Based Model to Characterize Spotting Potential for Protection of the Wildland Urban Interface*. Rocky Mountain Research Station, Joint Fire Science Program, 2010.
- Loft, Eric R. "**Economic Contribution of Deer, Pronghorn Antelope, and Sage Grouse Hunting to Northeastern California and Implications to the Overall 'Value' of Wildlife.**" *California Wildlife Conservation* 11: 1-42.
- Lombardo, Keith J., Thomas W. Swetnam, Christopher H. Baisan and Mark I Bochert. "**Using Bigcone Douglas-Fire Fire Scars and Tree Rings to Reconstruct Interior Chaparral Fire History.**" *Fire Ecology* 5.3 (2009): 32-53.s
- Lonsdale, W.M. and A.M. Lane. "**Tourist Vehicles as Vectors of Weed Seed in Kakadu National Park, Northern Australia.**" *Biological Conservation* 69.3 (1994): 277-283.
- Luce, Charles H. and Beverley C. Wemple. "**Introduction to Special Issue on Hydrologic and Geomorphic Effects of Forest Roads.**" *Earth Surface Processes and Landforms* 26.2 (2001): 111-113.
- Luce, Charles H. and Thomas A. Black. "**Sediment Production from Forest Roads in Western Oregon.**" *Water Resources Research* 35.8 (1999): 2561-2570.
- Luce, Charles H., and Beverley C. Wemple. "**Introduction to special issue on hydrologic and geomorphic effects of forest roads.**" *Earth Surface Processes and Landforms* 26.2 (2001): 111-113.
- MacDonald, Gordon A. "**Geology of the Cascade Range and Modoc Plateau.**" *Geology of Northern California: Bulletin* 190. San Francisco: California Division of Mines and Geology, 1966.
- MacDonald, Lee H., Drew Coe, and Sandra Litschert. "**Assessing Cumulative Watershed Effects in the Central Sierra Nevada: Hillslope Measurements and Catchment-Scale Modeling.**" *Proceeding of the Sierra Nevada Science Symposium*, 2004.

- MacDonald, Lee H. and Drew Coe. **“Influence of Headwater Streams on Downstream Reaches in Forested Areas.”** *Forest Science* 53.2 (2007): 148-168.
- MacDonald Lee H. and Drew B. Coe. **“Road Sediment Production and Delivery” Processes and Management.”** *Proceedings of the First World Landslide Forum, International Programme on Landslides and International Strategy for Disaster Reduction.* 2008.
- Mallek, Chris, Hugh Safford, Joshua Viers, and Jay Miller. **“Modern Departures in Fire Severity and Area Vary By Forest Type, Sierra Nevada and Southern Cascades, California, USA.”** *Ecosphere* 4.12 (2013).
- Mann, Michael L., Peter Berckb,Max A. Moritz, Enric Batllori, James G. Baldwin, Conor K. Gately, and D. Richard Cameron. **“Modeling residential development in California from 2000 to 2050: Integrating Wildfire Risk, Wildland and Agricultural Encroachment.”** *Land Use Policy* 41.11 (2014): 438-452.
- Martin, D.J. **“The Influence of Geomorphic Factors and Geographic Region on Large Woody Debris Loading and Fish Habitat in Alaska Coastal Streams.”** *North American Journal of Fishery Management* (2001): 429-440.
- Martin, Mark W., and J. Douglas Walker. **“Extending the western North American Proterozoic and Paleozoic continental crust through the Mojave Desert.”** *Geology* 20.8 (1992): 753-756.
- Marty, Jaymee T. **“Effects of Cattle Grazing on Diversity in Ephemeral Wetlands.”** *Conservation Biology* 19.5 (2005): 1626-1632.
- May, C.L. and R.E. Gresswell. **“Large Woody Recruitment and Redistribution in headwater Streams of the Oregon Coast Range, U.S.A.”** *Canadian Journal for Forest Research* 33 (2003): 1352-1362.
- Mayer, K.E. and W.F. Laudenslayer, Jr. *A Guide to the Wildlife Habitats of California.* Sacramento: California Department of Forestry and Fire Protection, 1988.
- McClurkin D.C., P.D. Duffy, and N.S. Nelson. **“Changes in Forest Floor and Water Quality Following Thinning and Clearcutting of 20-year-old Pine.”** *Journal of Environmental Quality* 16.3 (1987): 237-291.
- McCreary, Douglas D. *Regenerating Rangeland Oaks in California.* University of California: Agriculture & Natural Resources, 2001.
- McCreary, Douglas D. *Fire in California’s Oak Woodlands.* Browns Valley: University of California Cooperative Extension, 2004.
- McIver, J.D., Scott L. Stephens, James K. Agee, Jamie Barbour, Ralph E. J. Boerner, Carl B. Edminster, Karen L. Erickson, Kerry L. Farris, Christopher J. Fettig, Carl E. Fiedler, Sally Haase, Stephen C. Hart, Jon E. Keeley, Eric E. Knapp, John F. Lehmkuhl, Jason J. Moghaddas, William Otrosina, Kenneth W. Outcalt,

- Dylan W. Schwilk, Carl N. Skinner, Thomas A. Waldrop, C. Phillip Weatherspoon, Daniel A. Yaussy, Andrew Youngblood, and Steve Zack. “**Ecological Effects of Alternative Fuel-Reduction Treatments; Highlights of the National Fire and Fire Surrogates (FFS) study.**” *International Journal of Wildland Fire* 22.1 (2013):63-82.
- McKelvey, Kevin S., C.N. Skinner, C. Chang, D.C. Erman, S.J. Husari, D.J. Parsons, J.W. van Wagtendonk, C.P. Weatherspoon. “**An Overview of Fire in the Sierra Nevada.**” *Sierra Nevada Ecosystem Project: Final Report to Congress* 2.37 (1996): 1033-1040.
- McKinley, Duncan C., Michael G. Ryan, Richard A. Birdsey, Christian P. Giardina, Mark E. Harmon, Linda S. Heath, Richard A. Houghton, Robert B. Jackson, James F. Morrison, Brian C. Murray, Diane E. Pataki, and Kenneth E. Skog. “**A Synthesis of Current Knowledge of Forests and Carbon Storage in the United States.**” *Ecological Applications* 21.6 (2011): 1902-1924.
- McNabb, David H., and Frederick J. Swanson. “**Effects of Fire on Soil Erosion.**” *Natural and Prescribed Fire in Pacific Northwest Forests*. Corvallis: Oregon State University Press, 1990: 159-176.
- Megahan, W.F. and G.L. Ketchenson. “**Predicting Downslope Travel of Granitic Sediments from Forest Roads in Idaho.**” *JAWRA Journal of American Water Resources Association* 32.2 (1996): 371-382.
- Menke, J.W. C. Davis and P. Beesley. *Rangeland assessment. Sierra Nevada Ecosystem Project: Final Report to Congress, Vol. III*. Davis, CA: University of California, Davis, Centers for Water and Wildland Resources, 1996.
- Merenlender, A.M. and J. Crawford. *Vineyards in an Oak Landscape*. Berkeley: University of California, Integrated Hardwood Range Management Program, 1998.
- Merriam, K.E., J.E. Keeley, and J.L. Beyers. . *Pre-Fire Fuel Manipulation Impacts on Alien Plant Invasion of Wildlands*. Riverside: U.S. Geological Survey: Western Ecological Research Center, 2006.
- Michael, J.L. “**Chapter 13: Pesticides.**” *Drinking Water from Forests and Grasslands: A Synthesis of Scientific Literature*. Asheville: Southern Research Station, 2000.
- Miller, J. D., H. D. Safford, M. A. Crimmins, and A. E. Thode. “**Quantitative Evidence for Increasing Forest Fire Severity in the Sierra Nevada and Southern Cascade Mountains, California and Nevada, USA.**” *Ecosystems* 12 (2009):16–32.
- Miller, J. D., B. M. Collins, J. A. Lutz, S. L. Stephens, J.W. van Wagtendonk, and D. A. Yasuda. 2012. “**Differences in Wildfires Among Ecoregions and Land Management Agencies in the Sierra Nevada Region, California, USA.**” *Ecosphere* 39.8 (2012): 1-20.

- Mitchell, John E. ***Rangeland Resource Trends in the United States: A Technical Document Supporting the 2000 USDS Forest Service RPA Assessment***. Fort Collins: U.S. Department of Agriculture Forest Service Rock Mountain Research Station, 2000.
- Molnar, Peter, Robert S. Anderson, and Suzanne Prestrud Anderson. “**Tectonics, Fracturing of Rock and Erosion.**” *Journal of Geophysical Research: Earth Surface* 112.F3 (2007): 2003-2012.
- Moehring, David M., and Ike W. Rawls. “**Detrimental effects of wet weather logging.**” *Journal of Forestry* 68.3 (1970): 166-167.
- Montgomery, David R. “**Road Surface Drainage, Channel Initiation and Slope Instability.**” *Water Resources Research* 30.6 (1994): 1925-1932.
- Montgomery, David R. “**Process Domains and the River Continuum.**” *Journal of the American Water Resources Association* 35.2 (1999): 397-410.
- Montgomery, David R. and John M. Buffington. “**Channel-Reach Morphology in Mountain Drainage Basins.**” *Geological Society of American Bulletin* 109.5 (1997): 596-611.
- Montgomery, D.R. and S. M. Bolton. “**Hydrogeomorphic Variability and River Restoration.**” *American Fisheries Society* (2003): 39-80.
- Montgomery D. R. and J.M. Buffington. “**Chapter 2: Channel Processes, Classification, and Response.**” *River Ecology and Management: Lessons from the Pacific Coastal Ecoregion*. New York: Springer-Verlag, 1998.
- Mooney, Colleen. ***Fuelbreak Effectiveness in Canada's Boreal Forests: a Synthesis of Current Knowledge***. Vancouver: FPIInnovations, 2010.
- Morton, D.M., R.M. Alvarex, and R. H. Campbell. ***Preliminary Soil-Slip Susceptibility Maps, Southwestern California***. Riverside: California Geological Survey, 2003.
- Mosen, S.B. “**The Competitive Influence of Cheatgrass on Site Restoration.**” *Proceedings-Ecology and Management of Annual Rangelands, Boise ID*. USDA Forest Service, 1992.
- Mount, J. ***California Rivers and Streams***. University of California Press, 1995.
- Moyle, Peter B. “**Some Effects of Channelization on the Fishes and Invertebrates of Rush Creek, Modoc County, California.**” *California Fish and Game* 62.3 (1976): 179-186.
- Muick, P.C. and J.R. Bartolome. ***An Assessment of Natural Regeneration of Oaks in California***. Sacramento: Prepared for California Department of Forestry, 1987.

- Murphy, Michael L. *Forestry Impacts on Freshwater Habitat of Anadromous Salmonids in the Pacific Northwest and Alaska – Requirement for Protection and Restoration*. Silver Spring: U.S. Department of Commerce, NOAA Coastal Ocean Program, 1995.
- Murray, A. Brad. **Contrasting the Goals, Strategies, and Predictions Associated with Simplified Numerical Model and Detailed Simulations**. *Prediction in Geomorphology*. American Geophysical Union, 2003.
- Mutch, R.W. “**Wildland Fire and Ecosystems – A Hypothesis.**” *Ecology* 51 (1970): 1946-1951.
- Naiman, Robert J., Estelle V. Balian, Krista K. Bartz, Robert E. Bilby, and Joshua J. Latterell. *Dead Wood Dynamic in Stream Ecosystems*. USDA Forest Service Gen Tech Report PSW-GTR-181, 2002.
- National Agricultural Statistics Service. *Agricultural Census Special Tabulations for California*. United States Department of Agriculture. 2001. Web. 2015 February 5. <<http://www.agcensus.usda.gov/>>
- National Wildfire Coordination Group. *Smoke Management Guide for Prescribed and Wildland Fire 2001 Edition*. Boise: National Wildfire Coordinating Group fire Use Working Team, 2001.
- Nature Conservancy. *Great Basin: An Ecoregion-Based Conservation Blueprint*. Reno: The Nature Conservancy of Nevada, 2001.
- Neary, Daniel G, Kevin C. Ryan, and Leonard F. DeBano. *Wildland Fire in Ecosystems: Effects of Fire on Soils and Water*. Ogden: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2005.
- Neary, Daniel G., George G. Ice, and C. Rhett Jackson. “**Linkages between Forest Soils and Water Quality and Quantity.**” *Forestry Ecology and Management* 258.18 (2009): 2269-2281.
- Neary, Daniel G., Carol C. Klopatek, Lenard F. DeBano, and Peter F. Ffolliott. “**Fire Effects on Belowground Sustainability: A Review and Synthesis.**” *Forest Ecology and Management* 122.1 (1999): 51-71.
- North, Malcolm, Brandon M. Collins, and Scott Stephens. “**Using Fire to Increase the Scale, Benefits, and Future Maintenance of Fuels Treatments.**” *Journal of Forestry* 110.7 (2012): 392-401.
- NSTATE, LLC. *The Geography of California*. NSTATE. 5 January 2014. Web. 4 February 2015. <http://www.netstate.com/states/geography/ca_geography.htm>
- Office of Environmental Health Hazard Assessment (OEHHA). *A Guide to Health Risk Assessment*. Sacramento: California Environmental Protection Agency, 2001. 16 February 2015 <<http://oehha.ca.gov/pdf/HRSguide2001.pdf>. >
- Osborn, Alan J. and Ralph J. Hartley. *Adverse Effects of Domestic Livestock Grazing on Archaeological Resources of Capitol Reef National Park, Utah*. Lincoln: Midwest Archaeological Center, 1987.

- Page, B.M. **“Geology of the Coast Ranges of California.”** Geology of Northern California: Bulletin 190. San Francisco: California Division of Mines and Geology, 1966.
- Page-Dumroese, Deborah S., Martin F. Jurgensen, Michael P Curran, and Sharon M. DeHart. **“Chapter 9: Cumulative Effects of Fuel Treatments of Soil Productivity.”** *Cumulative Watershed Effects of Fuel Management in the Western United States*. Fort Collins: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, 2010.
- Page, G.W., and W.D. Shuford. **Southern Pacific Coast Regional Shorebird Plan.** Version 1. *A Report of California Partners in Flight (CalPIF)*. Stinson Beach: Point Reyes Bird Observatory Conservation Science, 2000.
- Pausas, Juli G., Ross A. Bradstock, David A. Keith, Jon E. Keeley, and the Global Change of Terrestrial Ecosystems (GCTE). **“Plant Functional Traits in Relation to Fire in Crown-Fire Ecosystems.”** *Ecology* 85.4 (2004): 1085-1100.
- Penrod, K., C. Cabañero, P. Beier, C. Luke, W. Spencer, and E. Rubin. ***South Coast Missing Linkages Project: A Linkage Design for the San Gabriel-Castaic Connection.*** Idyllwild: South Coast Wildlands, 2004.
- Peterson, David L., Morris C. Johnson, James K Agee, Theresa B. Jain, Fonald McKenzie, and Elizabeth D. Reinhardt. ***Fuels Planning: Managing Forest Structure to Reduce Fire Hazard.*** 2003. <
http://www.fs.fed.us/rm/pubs_other/rmrs_2003_peterson_d001.pdf>
- Pfankuch, D. J. ***Stream Reach Inventory and Channel Stability Evaluation.*** Missoula, Montana: U.S. Department of Agriculture Forest Service Region 1, 1975.
- Pillod, David S., R. Bruce Bury, Erin J. Hyde, Christopher A. Pearl, and Paul Stephen Corn. **“Fire and Amphibians in North America.”** *Forest and Ecology Management* 178 (2003): 163-181.
- Pittroff, Wolfgang. **“Prescribed Herbivory: An Emerging Biocontrol Tool for Managing Invasive Species.”** *Prescribed Grazing – A Tool for Weed Management*. Davis: University of California, 2006.
- Pyne, Stephen J. ***Fire in America: A Cultural History of Wildland and Rural Fire.*** Princeton University Press, 1982.
- Pyne, Stephen J., Patricia L. Andrews, and Richard D. Laven. ***Introduction to Wildland Fire.*** 2nd ed. John Wiley and Sons, 1996.
- Quigley, Thomas M. **“Estimating Contribution of Overstory Vegetation to Stream Surface Shade.”** *Wildlife Society Bulletin* 9.1 (1981): 22-27.

- Radeloff, Volker C., R.B. Hammer, S.I. Stewart, J.S. Fried, S.S. Holcomb, and J.F. McKeefry. "**The Wildland-Urban Interface in the United States.**" *Ecological Applications* 15.3 (2005): 799-805.
- Ralph, Stephen C. and Geoffrey C. Poole. "**Putting Monitoring First: Designing Accountable Ecosystem Restoration and Management Plans.**" *Restoration of Puget Sound Rivers* (2003): 226-247.
- Ralph, S.C., Poole, G.C., Conquest, L.L., and Naiman, R.J. "**Stream Channel Morphology and Woody Debris in Logged and Unlogged Basins of Western Washington.**" *Can. J. Fish. Aquat. Sci.* 51.1(1994): 37–51.
- Randerson, J. T., H. Liu, M. G. Flanner, S. D. Chambers, Y. Jin, P. G. Hess, G. Pfister, M. C. Mack, K. K. Treseder, L. R. Welp, F. S. Chapin, J. W. Harden, M. L. Goulden, E. Lyons, J. C. Neff, E. A. G. Schuur, C. S. Zender. "**The Impact of Boreal Forest Fire on Climate Warming.**" *Science*. 314.5802(2006): 1130-1132.
- Rantz, Saul Edward. *Runoff Characteristics of California Streams*. Washington: US Government Printing Office, 1972.
- Reid, Leslie M. "**Chapter 6: Cumulative Effects of Fuel Treatments on Channel Erosion and Mass Wasting.**" *Cumulative Watershed Effects of Fuel Management in the Western United States*. Fort Collins: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, 2010.
- Reid, Leslie M. and Sue Hilton. *Buffering the Buffer*. USDA Forest Service Gen Tech Rep PSW-GTR-168, 1998.
- Rejmanek, Marcel. "**Chapter 16: Invasibility of Plant Communities.**" *Biological Invasions: A Global Perspective*. New York: John Wiley & Sons, 1989.
- Reynolds, Richard T., Meador Sanchez, J. Andrew, James A Youtz, Tessa Nicolet, Megan S. Matonis, Patrick L. Jackson, Donald G. DeLorenzo, Andrew D. Graves. *Restoring Composition and Structure in Southwestern Frequent-Fire Forests: A Science-Based Framework for Improving Ecosystem Resiliency*. Fort Collins, CO: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2013.
- Richards, K. **Rivers: Form and Process in Alluvial Channels**. London: Methuen, 1982.
- Richardson, John S. "**Coarse Particulate Detritus Dynamics in Small, Montane Streams Southwestern British Columbia.**" *Canadian Journal of Fisheries and Aquatic Sciences* 49.2 (1992): 337-346.
- Ricketts, T. E., Dinerstein, E., Olson, D. M., Loucks, C. J., Eichbaum, W., DellaSala, D., Kavanagh, K., Hedao, P., Hurly, P. T., Carney, K. M., Abell, E. & Walters, S. *Terrestrial Ecoregions of North America: A Conservation Assessment*. Island Press, Washington, D.C., USA.
- Rinne, John N. and Gerald R. Jacoby. "**Chapter 7: Aquatic Biota.**" *Wildland Fire in Ecosystems: Effects of Fire on Soil and Water*. Ogden, USDA Forest Service Rocky Mountain Research Station, 2005 (Revised 2008).

- Robichaud, Pete R., Lee H. MacDonald, Randy B. Foltz. **“Chapter 5: Fuel Management and Erosion.”** *Cumulative Watershed Effects of Fuel Management in the Western United States*. Fort Collins: U.S. Department of Agriculture Forest Service Rock Mountain Research Station, 2010.
- Robison E.G. and R.L. Beshta. **“Characteristic of Coarse Woody Debris for Several Coastal Streams in Southeast Alaska, USA.”** *Canadian Journal of Fisheries and Aquatic Sciences* 47 (1990): 1684-1693.
- Roche, Leslie M., Lea Kromschroeder, Edward R. Atwill, Randy A. Dahlgren, and Kenneth W. Tate. **“Water Quality Conditions Associated with Cattle Grazing and Recreation on National Forest Lands.”** *PLOS:One* 8.6 (2013): 1-14.
- Round Valley Indian Tribes. *Forest Management Plan for the Round Valley Indian Conservation*. 2006.
- Ryan, Douglas F. “Chapter 1: Introduction to Synthesis of Current Science Regarding Cumulative Watershed Effects of Fuel Reduction Treatments.” *Cumulative Watershed Effects of Fuel Management in the Western United States*. Fort Collins: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2010.
- Ryan, Kevin C. **“Dynamic Interactions between Forest Structure and Fire Behavior in Boreal Ecosystems.”** *Silva Fennica* 36.1 (2002): 13-39.
- Ryan, Kevin C. and Nonan V. Noste. **“Evaluating Prescribed Fires.”** *Proceedings-Symposium and Workshop on Wildness Fire*. 1985.
- Sacramento Metropolitan Air Quality Management District (SMAQMD). *SMAQMD Thresholds of Significance Table*. November 2014. Web. 13 February 2015.
<<http://www.airquality.org/ceqa/cequguideupdate/Ch2TableThresholds.pdf>>
- Safford, Hugh D., David A. Schmidt, and Chris H. Carlson. **“Effects of Fuel Treatments on Fire Severity in an Area of Wildland–Urban Interface, Angora Fire, Lake Tahoe Basin, California.”** *Forest Ecology and Management* 258.5 (2009): 773-787.
- Safford, Hugh D. and Kip M Van de Water. **Using Fire Return Interval Departure (FRID) Analysis to Map Spatial and Temporal Changes in Fire Frequency on National Forest Lands in California**. Pacific Southwest Research Station, 2014.
- Saah, David, Timothy Robards, Tadashi Moody, Jarlath O’Neil-Dunne, Max Moritz, Matt Hurteau, and Jason Moghaddas. *Developing an Analytical Framework for Quantifying Greenhouse Gas Emission Reductions from Forest Fuel Treatment Projects in Placer County, California*. Davis: United States Forest Service: Pacific Southwest Research Station, 2012.

- Sampson, A.W. **Plant Succession and Burned Chaparral Lands in Norther California.** Agricultural Experiment Station: University of California Berkley, 1944.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). **CEQA Project Analysis Levels.** Web. 16 February 2015. <<http://www.valleyair.org/transportation/ceqaanalysislevels.htm>>
- Schmidt, Kirsten M., James P. Menakis, Colin C. Hardy, Wendel J. Hann, and David L. Bunnell. **Development of Coarse-Scale Spatial Data for Wildland Fire and Fuel Management.** Fort Collins: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2002.
- Schmidt, W. “**Plant Dispersal by Motor Cars.**” *Vegetatio* 80 (1989): 147-152.
- Schroeder, Mark J., Monte Glovinsky, Virgil F. Henricks, Frank C. Hood, and Melvin K. Hull. **Synoptic Weather Types Associated with Critical Fire Weather.** Berkley: Pacific Southwest Forest and Range Experiment Station, 1964.
- Schumm, Stanley A. **The Fluvial System.** The Blackburn Press, 1977.
- Scott, Joe H. and Robert E. Burgan. **Standard Fire Behavior Fuel Models: A Comprehensive Set for Use with Rothermel’s Surface Fire Spread Model.** Fort Collins: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, 2005.
- Sedell, J. R., P. A. Bisson, E J. Swanson, and S. V. Gregory. “**What we know about Large Trees that Fall into Streams and Rivers.**” *The Forest to the Sea: A Story of Fallen Trees.* U.S. Forest Service General Technical Report PNW-GTR-229, 1988.
- Seinfeld, J. H., and S. N. Pandis. **Atmospheric Chemistry and Physics.** New York: John Wiley & Sons, 1998.
- Selby. M.J. **Hillslope Materials and Processes.** 2nd ed. Oxford University Press, 1982.
- Shaffer, Kevin E. and William F. Laudenslayer. “**Chapter 7: Fire and Animal Interactions.**” *Fire in California’s Ecosystems.* University of California Press, 2006.
- Sharp, Robert P. **Field Guide: Southern California.** Kendall Hunt Publishing Company, 1994.
- Sheridan, C.D. and D.H. Olson. “**Amphibian Assemblages in Zero-Order Basins in the Oregon Coast Range.**” *Canadian Journal of Forest Research* 33 (2003): 1452-1477.
- Shevock, J.R. **Sierra Nevada Ecosystem Project, Final Report to Congress, Vol. II, Assessments and Scientific Basis for Management Options.** Davis: University of California, Centers for Water and Wildland Resources, 1996.

- Sidle, Roy C. and Yuichi Onda. "**Hydrogeomorphology: Overview of an Emerging Science.**" *Hydrological Processes* 18.4 (2004): 597-602.
- Skinner, Carl N., Martin W. Ritchie, Todd Hamilton and Julie Symons. "**Effects of Thinning and Prescribed Fire on Wildlife Severity.**" *Proceedings 25th Annual Forest Vegetation Management Conference*. 2004.
- Skinner, Carl N. and Chi-Ru Chang. "**Fire Regimes, Past and Present.**" *Sierra Nevada Ecosystem Project: Final Report to Congress Vol II*. Davis: University of California, Centers for Water and Wildland Resources, 1996.
- Slingerland, Rudy and Norman D. Smith. "**River Avulsions and Their Deposits.**" *Annual Review of Earth and Planetary Sciences* 32 (2004): 257-285.
- Smith, Jane Kapler, L. Jack Lyon, Mark H. Huff, Robert G. Hooper, Edmund S. Telfer, and David Scott Schreiner. **Wildland Fire in Ecosystems: Effects of Fire on Fauna**. Ogden: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2000.
- South Coast Air Quality Management District (SCAQMD). **Greenhouse Gases CEQA Significance Thresholds**. 2008. Web. 13 February 2015. <[http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-\(ghg\)-ceqa-significance-thresholds/ghgboardsynopsis.pdf?sfvrsn=2](http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/ghgboardsynopsis.pdf?sfvrsn=2)>
- Spence, B.C., G.A. Lomnický, R.M. Hughes, and R.P. Novitzki. **An Ecosystem Approach to Salmonid Conservation**. TR-4501-96-6057, 1996.
- Spero, James G. "**Development of Fire Trends in Oak Woodlands of the Northwester Sierra Nevada Foothills.**" *Proceeding of the Fifth Symposium on Oak Woodlands: Oaks in California's Changing Landscape*. Albany: USDA Forest Service Pacific Southwest Research Station, 2002.
- Spies, T.A.; Cline, S.P.. "**Coarse Woody Debris in Forests and Plantations of Coastal Oregon.**" *Maser* (1988): 5-24.
- State of California. **California Performance Review**. State of California. Web. 02 March 2015. <http://cpr.ca.gov/CPR_Report/Issues_and_Recommendations/Chapter_5_Resource_Conservation_and_Protection/RES12.html>
- State of California Employment Development Department (EDD). **California Regional Economies Employment Series**. Employment Development Department. 2013. Web. 02 March 2015. <http://www.labormarketinfo.edd.ca.gov/California_Regional_Economies_Employment.html>
- Stein, Bruce A. **States of the Union: Ranking America's Biodiversity**. Arlington: NatureServe, 2002.

- Stein, BA and SR Flack. *1997 Species Report Card: The State of U.S. Plants and Animals*. Arlington: The Nature Conservancy, 1997.
- Stednick, John D. “**Chapter 8: Effects of Fuel Management Practices on Water Quality.**” *Cumulative Watershed Effects of Fuel Management in the Western United States*. Fort Collins: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2010.
- Stephens, Scott L., Robert E. Martin, and Nicholas E. Clinton. “**Prehistoric Fire Area and Emissions from California's Forests, Woodlands, Shrublands, and Grasslands.**” *Forest Ecology and Management* 251.3 (2007): 205-216.
- Stephens, Scott L., JJ Moghaddas, C Edminster, CE Fiedler, S Haase, M Harrington, JE Keeley, EE Knapp, JD McIver, K Metlen, CN Skinner, A Youngblood. “**Fire Treatment Effects on Vegetation Structure, Fuels, and Potential Fire Severity in Western US Forests.**” *Ecological Applications* 19.2 (2009a): 305-320.
- Stephens, Scott and Lawrence W. Ruth. “**Federal Forest-Fire Policy in the United States.**” *Ecological Applications* 15 (2005): 532-542.
- Stephens, Scott L., Mark A Adams, John Handmer, Faith R Kearns, Bob Leicester, Justin Leonard and Max A Moritz. “**Urban–Wildland Fires: How California and Other Regions of the US Can Learn from Australia.**” *Environmental Research Letters* 4.1 (2009b): 014010.
- Stephens, Scott L., James D. McIver, Ralph E. J. Boerner, Christopher J. Fettig, Joseph B. Fontaine, Bruce R. Hartsough, Patricia L. Kennedy, and Dylan W. Schwilk. “**The Effects of Forest Fuel-Reduction Treatments in the United States.**” *BioScience* 62.6 (2012): 549-560.
- Stevens, Jens T., Hugh D. Safford, and Andrew M. Latimer. “**Wildfire-Contingent Effects of Fuel Treatments Can Promote Ecological Resilience in Seasonally Dry Conifer Forests.**” *Canadian Journal of Forest Research* 44.8 (2014): 843-854.
- Sugihara, Neil G., Jan W. van Wagtenonk, and JoAnn Fites-Kaufman. “**Chapter 4: Fire in the Ecological Process.**” *Fire in California's Ecosystems*. University of California Press, 2006.
- Sutch, P. and L. Dirth. *California Geology Study Material, 2003 Review for the Supplemental Exam*. REG Review, 2003.
- Swank, W.T., L.F. DeBano, and D. Nelson. “**Effects of Timber Management Practices on Soil and Water**” *The Scientific Basis for Silvicultural and Management Decisions in the National Forest System*. Washington: U.S. Department of Agriculture, Forest Service, 1989.

- Swiecki, Tedmund J. and Elizabeth Bernhardt. "**Effects of Fire on Naturally Occurring Blue Oak (*Quercus Douglasii*) Saplings.**" *Proceeding of the Fifth Symposium on Oak Woodlands: Oaks in California's Changing Landscape*. Albany: USDA Forest Service Pacific Southwest Research Station, 2002.
- Swiecki, Tedmund J. and Elizabeth Bernhardt. "**Effects of Fire on Naturally Occurring Blue Oak Seedling and Planted Valley Oak Seedlings.**" *Proceeding of the Seventy Workshop on Seedling Physiology and Growth Problem in Oak Plants (Abstracts)*. South Lake Tahoe: USDA Forest Service North Central Research Station, 1999.
- Syphard, Alexandra D., Jon E. Keeley, and Teresa J. Brennan. "**Factors Affecting Fuel Break Effectiveness in the Control of Large Fires on the Los Padres National Forest, California.**" *International Journal of Wildland Fire* 20.6 (2011): 764-775.
- Syphard, Alexandra D., Janet Franklin, and Jon Keeley. "**Simulating the Effects of Frequent Fire on Southern California Coastal Shrub.**" *Ecological Applications* 16.5 (2006): 1744-1756.
- Syphard, Alexandra D., Volker C. Radeloff, Jon E. Keeley, Todd J. Hawbaker, Murray K. Clayton, Susan I. Stewart, and Roger B. Hammer. "**Human influence on California fire regimes.**" *Ecological Applications* 17.5 (2007): 1388-1402.
- Thode, Andrea E., Jeffrey L. Kershner, Ken Roby, Lynn M. Decker and Jan L. Beyers. *Fire in California's Ecosystems*. Berkeley: University of California Press, 2006.
- Thorne, Jim, Dick Cameron and Verna Jigour. *A Guide to Wildlands Conservation in the Central Coast Region of California*. Davis: California Wilderness Coalition, 2002.
- Thomas, J.W., E.D. Forsman, J.B. Lint, E.C. Meslow, B.R. Noon, and J. Verner. *A Conservation Strategy for the Northern Spotted Owl*. Washington DC: US Government Printing Office, 1990.
- Thompson, Matthew P., David E. Calkin, Mark A. Finney, Alan A. Ager, and Julie W. Gilberston-Day. "**Integrated National-Scale Assessment of Wildfire Risk to Human and Ecological Values.**" *Stochastic Environmental Research and Risk Assessment* 25.6 (2011): 761-780.
- Traylor, Diane. "**Effects of La Mesa Fire on Bandelier's Cultural Resources.**" *Proceedings from the La Mesa Fire Symposium*. Los Alamos, 1981.
- Trimble, Stanley W. and Alexandra C. Mendel. "**The Cow as a Geomorphic Agent – A Critical Review.**" *Geomorphology* 13.1-4 (1995): 233-253.
- Troendle, Charles A., Lee H MacDonald, Charles H. Luce, and I.J. Larsen. "**Chapter 7: Fuel Management and Water Yield.**" *Cumulative Watershed Effects of Fuel Management in the Western United States*. Fort Collins: U.S. Department of Agriculture Forest Service Rocky Mountain Research Station, 2010.

- Trust for Public Land. *California Rivers Report: California Wildlands Project Vision for Wild California*. Davis: Report for California Wilderness Coalition, 1999.
- United States Census Bureau (Census). *New Privately Owned Housing Units*. January 2015. Web. 20 March 2014. <<http://www.census.gov/construction/bps/txt/tb2u201501.txt>>
- U. S. Department of Agriculture. *Programmatic Draft Environmental Impact Statement for the Apache-Sitgreaves National Forests Land Management Plan*. Springfield: United States Department of Agriculture, Forest Services, Southwestern Region, 2013.
- U.S. Department of Agriculture. *Soil Survey Manual*. Washington: Soil Conservation Service, United States Department of Agriculture, 1993.
- U.S. Department of Agriculture and U.S. Department of Interior (USDA and USDI). *National Fire Plan*. Web. 20 March 2015. <<http://www.forestsandrangelands.gov/resources/overview/>>
- U.S. Department of the Interior (DOI). *Managing the Impact of Wildfires on Communities and the Environment*. Washington: United States Department of Agriculture, 2000.
- U.S. Department of the Interior (DOI). *A Collaborative Approach for Reducing Wildland Fire Risks to Communities and the Environment: 10 Year Comprehensive Strategy Implementation Plan*. Washington: United States Department of Agriculture, 2006a.
- U.S. Department of the Interior (DOI). *Protecting People and Natural Resources: A Cohesive Fuels Treatment Strategy*. Washington: United States Department of Agriculture, 2006b.
- U.S. Department of Interior: Bureau of Land Management (USDI BLM). *Draft Vegetation Treatments Using Herbicides on Bureau of Land Management Lands in 17 Western States Programmatic EIS*. Volumes I & II. Reno: Bureau of Land Management, 2005.
- U.S. Department of the Interior: National Park Service (USDI NPS). *Environmental Assessment: Great Basin National Park Fire Management Plan*. Bridgeport: National Park Service, 2003.
- U.S. Energy Information Administration (EIA). *U.S. States: State Profiles and Energy Estimates*. Web. 20 March 2015 <<http://www.eia.gov/state/>>
- U.S. Environmental Protection Agency (EPA). *AP 42, Fifth Edition, Volume I Chapter 13: Miscellaneous Sources*. October 1996. Web. 12 February 2015. <<http://www.epa.gov/ttn/chief/ap42/ch13/final/c13s01.pdf>>
- U.S. Environmental Protection Agency (EPA). *California Water Quality Assessment Report*. Web. 12 March 2015. <http://iaspub.epa.gov/waters10/attains_state.control?p_state=CA>

- U.S. Environmental Protection Agency (EPA). *Interim Air Quality Policy on Wildland and Prescribed Fires*. 23 April 1998. Web. 21 February 2015. <<http://www.epa.gov/ttn/faca/pbdirs/firefnl.pdf>>
- U.S. Environmental Protection Agency (EPA). *PSD and Title V Permitting Guidance for Greenhouse Gases*. March 2011. Web. 8 February 2015. <<http://www.epa.gov/nsr/ghgdocs/ghgpermittingguidance.pdf>>
- U.S. Environmental Protection Agency (EPA). *Six Common Air Pollutants*. 22 December 2014. Web. 2 February 2015. <<http://www.epa.gov/ttn/chief/ap42/ch13/final/c13s01.pdf>>
- U.S. Environmental Protection Agency (EPA). *Threats to Wetlands*. September 2001. Web. 4 February 2015. <http://water.epa.gov/type/wetlands/outreach/upload/threats_pr.pdf>
- U.S. Environmental Protection Agency (EPA). *The Green Book Nonattainment Areas for Criteria Pollutants*. 15 January 2015. Web. 4 February 2015. <<http://www.epa.gov/airquality/greenbook/>>
- U.S. Environmental Protection Agency (EPA). *Wetlands*. Web. 25 February 2015. <<http://water.epa.gov/type/wetlands/>>
- U.S. Forest Service (USFS). *Forest Health Protection Aerial Detection Survey: Southern Sierra Nevada Range*. Web. December 2015. <http://bofdata.fire.ca.gov/board_business/binder_materials/2015_/dec_2015/full/full_8.12_ssierra_forest_health_protection_aerial_detection_survey_final_2015.pdf>
- U.S. Forest Service (USFS). *Modoc National Forest Land and Resource Management Plan*. Alturas: Modoc National Forest, 1991.
- U.S. Forest Service (USFS). *Sierra Nevada Forest Plan Amendment Final Environmental Impact Statement*. Vallejo: USDA Forest Service Pacific Southwest Region, 2001.
- U.S. Forest Service (USFS). *Naturally Occurring Asbestos: What Visitors to National Forests Need to Know*. United State Department of Agriculture. 2008. Web. 2 March 2014. <http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5363877.pdf>
- U.S. Geological Survey (USGS). *Impact of fire and grazing on plant diversity and invasion in Sierran forests*. Fact Sheet, 2003.
- Van de Water, Kip M., and Hugh D. Safford. "A Summary of Fire Frequency Estimates for California Vegetation before Euro-American Settlement." *Fire Ecology* 7.3 (2011): 26-58.
- Vannote, Robin L., G. Wayne Minshall, Kenneth W. Cummins, James R. Sedell, and Colber E. Cushing. "The River Continuum Concept." *Can J. Fish Aquatic Science* 37 (1980): 130-137.

- VanSickle, J. and S.V. Gregory. "**Modeling Inputs of Large Woody Debris to Streams from Falling Trees.**" *Canadian Journal of Forest Research* 20 (1990): 1593-1601.
- Van Wagtendonk, Jan W. "**Use of a Deterministic Fire Growth Model to Test Fuel Treatments.**" *Sierra Nevada Ecosystem Project, Final Report to Congress 2*(1996): 1155-1165.
- Van Wagtendonk, Jan W., and James A. Lutz. "**Fire Regime Attributes of Wildland Fires in Yosemite National Park, USA.**" *Fire Ecology* 3.2 (2007): 34-52.
- Vavra, Martin. "**Livestock Grazing and Wildlife: Developing Compatibilities.**" *Rangeland Ecological Management* 58.2 (2005): 128-135.
- VenTresca, David A., James L. Houk, Michelle J. Paddack, Marty L. Gingras, Nicole L. Crane, and Scott D. Short. *Early Life-History Studies of Nearshore Rockfishes and Lingcod Off Central California, 1987-92.* Monterey: California Department of Fish and Game, 1996.
- Wade, Dale D. and James D. Lunsford. *A Guide for Prescribed Fire in Southern Forests.* 2nd Ed. Atlanta: U.S. Department of Agriculture Forest Service Southern Region, 1998.
- Walker, J. Douglas, Mark W. Martin, and Allen F. Glazner. " " Geologic Evolution of the Mojave Desert and Southwestern Basin and Range 195 (2002): 1.
- Wan, Shiquiang, Dagend Hui, and Yigi Luo. "**Fire Effects on nitrogen Pools and Dynamics in Terrestrial Ecosystems: A Meta-Analysis.**" *Ecological Applications* 11.5 (2001): 1349-1365.
- Weatherspoon, C. Phillip, and Carl N. Skinner. "**Landscape-Level Strategies for Forest Fuel Management.**" *Sierra Nevada Ecosystem Project: Final Report to Congress 2* (1996): 1471-1492.
- Wells, Wade G. "**The Effects of Fire on the Generation of Debris Flows in Southern California.**" *Reviews in Engineering Geology* 7 (1987): 105-114.
- Westerling, Anthony L., H.G. Hidalgo, D.R. Cayan, and T.W. Swetnam. "**Warming and Earlier Spring Increase Western US forest Wildfire Activity.**" *Science* 313.5789 (2006): 940-943.
- Westerling, A. L., and B. P. Bryant. "**Climate Change and Wildfire in California.**" *Climatic Change* 87.1 (2008): 231-249.
- Westerling, A. L., B.P. Bryant, H.K. Preisler, T.P. Holmes, H.G. Hidalgo, T. Das, and S.R. Shrestha. "**Climate Change and Growth Scenarios for California Wildfire.**" *Climatic Change* 109.1 (2011): 445-463.
- Wilhere, George F. "**Adaptive Management in Habitat Conservation Plans.**" *Conservation Biology* 16.1 (2002): 20-29.

- Wilkins, R. Neal and N. Phil Peterson. **"Factors Related to Amphibian Occurrence and Abundance in headwater Streams Draining Second-Growth Douglas-Fir Forests in Southwestern Washington."** *Forest Ecology and Management* 139 (2000): 79-91.
- Wobus, Cameron, Kelin X. Whipple, Eric Kirby, Noah Snyder, Joel Johnson, Katerina Spyropoulou, Benjamin Crosby, and Daniel Sheehan. **"Tectonics from Topography: Procedures, Promise and Pitfalls."** *Geological Society of America Special Papers* (2006): 55-74.
- Yang, Sarah. **"Wildfires Emit More Greenhouse Gases than Assumed in State Climate Targets."** *UC Berkeley News Center*. 15 April 2015. Web. 21 March 2015. <http://newscenter.berkeley.edu/2015/04/15/california-carbon/>
- Zedler, P.H. and Seiger L.A. *Age Mosaics and Fire Size in Chaparral: A Simulation Study*. Second iNterface between Ecology and Land Development in California. US Geological Survey Open-File Report 00-62, Sacramento, 2000.
- Zheng, Y., and A. A. Keller. **"Understanding parameter sensitivity and its management implications in watershed-scale water quality modeling."** *Water Resources. Research* 42 (2006): W05402.
- Zhu, Y., W. C. Hinds, S. Kim, and S. Shen. **"Study of Ultrafine Particles Near a Major Highway with Heavy-duty Diesel Traffic."** *Atmospheric Environment*. 36.27 (2002): 4323-4335.
- Ziegler, Alan D., Ross A. Sutherland, and Thomas W. Giambelluca. **"Partitioning total erosion on unpaved roads into splash and hydraulic components: The roles of interstorm surface preparation and dynamic erodibility."** *Water Resources Research* 36.9 (2000): 2787-2791.