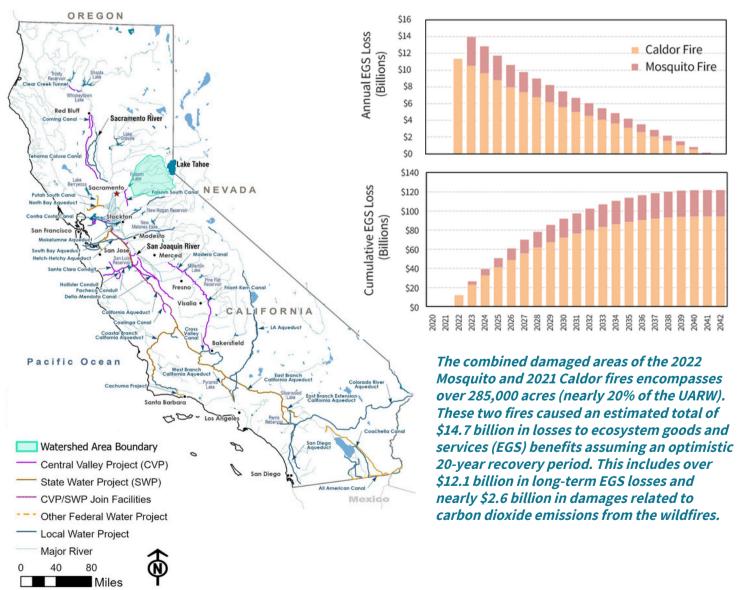


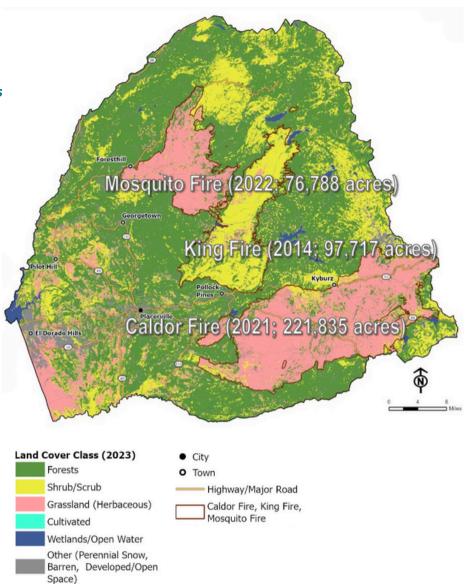
Beyond Property Damages from WildfiresNatural Capital Damages from the Caldor and Mosquito Fires

Recent wildfires created \$14.7 billion in damages to the ecosystem goods and services (EGS) in the upper American River watershed (UARW). Before the Caldor and Mosquito fires, the UARW had a natural capital asset value between \$731 billion and \$1.6 trillion based on 100-years of productivity. Natural capital damages occurred due to the loss and degradation of ecosystems from the wildfires and the economic impacts from the associated increase in carbon emissions. These devastating consequences reach far beyond the watershed because the UARW is a critical headwater for statewide water supply that fuels the fifth largest economy in the world.



Source: <u>Soares, J., Batker, D., and Batker-Pritzker, A. 2025. Natural Capital Damages from the Mosquito and Caldor Fires. Batker Consulting, Tacoma, WA</u>. Prepared for El Dorado Water Agency.

The Mosquito and Caldor fires drastically changed the land cover in the upper American River watershed, which is still recovering from damage caused by the 2014 King fire. What was once predominately forests has become grasslands, significantly reducing the natural capital which society relies on. Fire-damaged areas need a minimum of 20 years to recover, if proper attention for recovery is given and adequate mitigation is implemented to prevent repeated damages.



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Contact edcwa@edcgov.us (530) 621-5392 edwateragency.org



