

State News for NSPE Members

Climate Investments Program Implements \$10.5 Billion in Greenhouse Gas-Reducing Projects

California [released an annual report](#) on April 12 showing that the California Climate Investments program continues to lead the way to a low-carbon and more equitable future—with 2021 alone seeing the implementation of more than \$2.1 billion in greenhouse gas-reducing projects. To date, \$18.3 billion has been appropriated for the statewide initiative that puts Cap-and-Trade dollars to work reducing GHG emissions, strengthening the economy, and improving public health, with nearly \$10.5 billion in implemented projects.

From December 2020 through November 2021, more than 75,000 new California Climate Investments projects were launched, delivering significant environmental, economic, and public health benefits across the state. The program continues to direct a significant amount of funding to disadvantaged communities and low-income communities and households, known as priority populations. In 2021, more than \$1 billion in funding was directed to projects benefiting priority populations. To date, almost \$5.2 billion has reached these communities – or more than half of all project investments. [Read more.](#)

B.F. Sisk Dam to Get \$100 Million Federal Investment

The US Department of the Interior is providing project-specific funding of \$100 million for the modification of [B.F. Sisk Dam](#) in California. The funding, authorized by the bipartisan infrastructure law, was highlighted in an addendum to the agency's initial spend plan for fiscal year 2022 funding allocations.

The B.F. Sisk Dam was completed in 1967 and impounds San Luis Reservoir, the nation's largest offstream reservoir. It provides supplemental irrigation water storage and municipal and industrial water for the Central Valley Project and California's state water project. In December 2019, the Bureau of Reclamation and the California Department of Water Resources announced a partnership to move forward on a \$1.1 billion seismic upgrade with the signing of a Record of Decision

and Notice of Determination.

The infrastructure law provides \$500 million to Bureau of Reclamation over the next five years to support critical dam safety projects, streamline construction management, maintain the operational capacity of dams and minimize risk to the downstream public. These investments underscore President Biden's commitment to developing longer-term measures to respond to climate change, mitigate drought, and build climate resiliency. [Read more.](#)

What Did the 2021 Drought Cost California's Economy?

Aside from farmworkers, the ongoing drought in California is impacting the state's economy in several ways. A [23ABC report](#) took an in-depth look at a recently study conducted by the University of California Merced about those impacts.

The 2021 drought directly cost the California agriculture sector about \$1.1 billion and nearly 8,750 full- and part-time jobs, according to estimates in the new analysis led by UC Merced researchers. Once the effects on other economic sectors are considered, total impacts are estimated at \$1.7 billion and 14,634 full- and part-time jobs lost.

The [Economic Impacts of the 2021 Drought on California Agriculture Preliminary Report](#) analyzes the impacts of last year's drought in the Central Valley, the Russian River Basin, and northern intermountain valley areas. The researchers developed these preliminary estimates of economic impacts using surveys, reviews of hydrological information and remote sensing data gathered from those areas and comparing them to average conditions, as well as to the 2012-2016 drought.

State Licensing Board News

The [California Board for Professional Engineers, Land Surveyors, and Geologists](#) has released its latest issue of the *Board Bulletin* newsletter. Click here to [access the PDF](#) on the BPELSG website.



NSPE's **Job Board** is your one-stop resource for professional engineering employment. Whether you are on the hunt for your next career move or looking for today's top engineering leaders and talent, you will find it here.

The latest California jobs are pulled from the NSPE Job Board and appear on the NSPE-CA website. New career opportunities are also posted through NSPE-CA social media profiles on [Twitter](#), [LinkedIn](#), and [Facebook](#).

Featured Jobs

[Senior Project Engineer](#)

Sacramento, CA

[Principal Civil Engineer \(Transportation\)](#)

San Rafael, CA

[Hydro Engineer II \(Electrical\)](#)

Foresthill, CA

Find more job openings or reach the right employees on the [NSPE Job Board](#).

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

Take the 2022 Engineering Outlook Survey

Share your opinions on current issues affecting the practice of engineering by completing the 2022 *Engineering Outlook Survey*. The survey should take approximately 15-20 minutes to complete. Once completed, you will have the option to enter our drawing for one of four \$50 Amazon gift cards.

All responses will be kept anonymous and only used in aggregated results unless you give us permission to contact you regarding your responses. The results of the survey will be shared in an upcoming article in *PE* magazine, as well as other NSPE publications (website, newsletters, social media, etc.).

[Start the survey.](#)

NSPE Endorses Sustainability and Resilience Statement

NSPE believes licensed professional engineers should be good stewards of the environment in order to preserve and protect our world for future generations. The NSPE Board of Directors recently endorsed "[The Role of the Engineering Community in Addressing Climate Change](#)," a statement intended to unite, energize, and motivate people within and across organizations, and to fulfill their desires for meaning and purpose in their professional lives. Facilitated by Engineering Change Lab-USA, the statement was prepared with input from a working group of sixteen organizations including NSPE.

[Read more about NSPE's position on the environment, sustainability, and resilience.](#)

New Live Webinar Series: Workability Wednesdays

Would colleagues consider you workable? How easy is it for you to mold, flow, and bend in today's work environment? Is your knowledge up-to-date and relevant? Please join us for this [new webinar series](#) to learn more about topics impacting the industry and to enhance your competencies in the profession.



These live and interactive webinars are **free** to NSPE members and will be held at 2:00 pm EDT on the first and third Wednesday of the months of April, May, and June. The next webinar on April 20 will focus on [The Future of Wichita's Water - The Northwest Water Treatment Facility](#).

[Learn more about the upcoming webinars and register.](#)

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