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CALENDAR ALERTS

February 12 – CVFPB public [workshop](#) on [update of Title 23](#) regulation

March 16 – Deadline to [comment](#) on DSC climate resilience report: [Delta Adapts](#)

FEATURED ASSOCIATE MEMBER



KEEPING UP

**Check [CCVFCA Website](#) for more information on topics in Flood Flash

More Frequent and Severe Atmospheric Rivers Equal Increased Damage and Costs

An [article](#) by Tom Corringham, a postdoctoral scholar in climate and atmospheric science at University of California San Diego, summarizes research he helped conduct using a catalog of [atmospheric river](#) events compiled by Scripps Institution of Oceanography's Center for Western Weather and Water Extremes that were matched to over 40 years of flood insurance records and 20 years of National Weather Service damage estimates. Applying a classification scale to categorize the level of severity similar to what is used for hurricanes, his team found that the most dangerous levels have caused \$1 billion in damages occur every three to four years. Each increase in the classification scale from 1 to 5 severity level was associated with a 10-fold increase in damages. Their research warns that atmospheric rivers are projected to grow longer, wider, and wetter in a warming climate.

Corps Funds Levee Planning and Work

In recent press releases, the U.S. Army Corps of Engineers announced a \$29.5 million construction contract for Sacramento River levee improvements just upstream of [Miller Park](#) and awarded an additional \$22 million to complete the [Hamilton City](#) Flood Damage Reduction and Ecosystem Restoration Project.

LEGISLATIVE LATEST

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Governor Releases State Budget

On January 9th, Governor Newsom released a \$225 billion fiscal year 2021-22 [State Budget](#), which includes \$183 million for [flood management](#) programs, \$75 million in funding for critical levee repairs and \$43.7 million for Delta resilience.

Local Congressman Appointed to Key Resource and Infrastructure Subcommittee

U.S. Representative John [Garamendi](#) (D-Davis) was [selected](#) by his colleagues to serve on four [key subcommittees](#) that deal with helping communities be more resilient to natural disasters, including the Water Resources and Environment Subcommittee which deals with water development, infrastructure, and conservation, which are important issues for the Central Valley and Delta.

DELTA DOWNLOAD

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Delta Stewardship Council Tackles Climate Resiliency

In accordance with the 2009 Delta Reform Act and more recent Executive Orders by Governor Newsom, the Delta Stewardship Council released a draft report and technical addendums to address climate resiliency. Once finalized, the [Vulnerability Assessment](#) report, called Delta Adapts, will guide the Council in adopting new enforceable policies in the Delta Plan. This will include influencing the development of a revised Delta Levee Investment Strategy (DLIS) and associated regulations that guide levee investments “targeted to protect communities and assets.” The deadline to comment on the draft report has been extended to [March 16](#).

Levee Projects File Certification of Consistency with DSC

The Central Valley Flood Protection Board submitted a Determination of Consistency to the Delta Stewardship Council on January 29, 2021 to self-certify an erosion project for the [American River Common Features](#) program. A certification of consistency was also filed by DWR on February 1, 2021 for a tidal habitat restoration project on [Bradmoor Island](#) and Arnold Slough. Any appeals on these projects must be filed within 30 days.

IN THE NEWS

(Clicking the links will take you to news organization websites, where you can read the full stories. CCVFCA is not responsible for content on these external sites.)

- [Atmospheric river storms can drive costly flooding – and climate change is making them stronger](#) - The Conversation
- [Water Year 2021: How Are We Doing? \(ca.gov\)](#)
- [Budgeting for Agricultural Sustainability and Resiliency - Public Policy Institute of California \(ppic.org\)](#)
- [Hamilton City Levee project receives funding boost | Glenn County Transcript | appeal-democrat.com \(appeal-democrat.com\)](#)
- [Republicans senators urge to keep WOTUS repealed | Farm Progress](#)
- [Extreme drought and fire risk may double by 2060 | News | Eco-Business | Asia Pacific \(eco-business.com\)](#)
- [SLO County CA weather: Atmospheric rivers bring rain storms | San Luis Obispo Tribune](#)

- [Extreme Rainfall Could Top 20 Inches in California | AccuWeather](#)
- [Lake Oroville Community Update – Winter Storm Warning \(ca.gov\)](#)
- [WATER ASSN OF KERN COUNTY: DWR Director Karla Nemeth gives an update on the Delta Conveyance Project ~ MAVEN'S NOTEBOOK | Water news](#)
- [Judge Suspends State Procedures as Applied to Majority of Waters of the State; Retains Application to Waters Subject to the Clean Water Act and All Ocean Waters Regardless of Jurisdiction | Downey Brand LLP](#)
- [MORE HOMES BEING BULT IN FLOOD ZONE - Manteca Bulletin](#)
- [Science Spotlight \(ca.gov\)](#)
- [DELTA ISB: Water Supply Reliability Estimation: an overview ~ MAVEN'S NOTEBOOK | Water news](#)
- [Zone 7 Officials Report High Costs to Clean Up Homeless Encampment | News | independentnews.com](#)
- [Biden administration: Will farmers see another WOTUS redo? | Farm Progress](#)
- <https://phys.org/news/2021-01-residents-high-risk-wildfire-zones.html>
- [Sacramento Superior Court Rejects State Water Board's Attempt to Apply Water Quality Control Plan to Waters Not Covered by the Clean Water Act | Somach Simmons & Dunn | Attorneys at Law \(somachlaw.com\)](#)
- <https://www.sfchronicle.com/environment/article/Climate-change-causing-one-third-of-flood-damage-15862429.php>
- [2020 smashed the record for billion-dollar weather and climate disasters, NOAA says - CNN](#)