



Western Regional Partnership

July 2021 Updates

WRP sends out monthly updates on agency efforts relevant to the WRP Mission. This includes publicly available information from WRP Partners and agency news releases, etc. to assist to create greater awareness of current WRP Partner actions. If you have any updates you would like to share, please email that information to amyduffy@westernregionalpartnership.org.

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WRP Updates

Deep-dive calls, in support of current **WRP Priority on Building Resilience**, are being held with subject matter experts on resilient energy infrastructure, resiliency of airspace, disaster mitigation and

water security. Other webinar and Committee calls are in process of being confirmed; details forthcoming. [Upcoming WRP Activities \(please contact amyduffy@westernregionalpartnership.org for more information\):](mailto:amyduffy@westernregionalpartnership.org)

- August 3: WRP Resiliency of Airspace call to more fully scope Gap 3: Development of Counter UAS State and Federal Policy
- August 5: WRP Resilient Energy Infrastructure Deep-Dive Call
- August 6: WRP Disaster Mitigation Deep-Dive Call
- August 12: WRP Resiliency of Airspace call (full team)
- August 27: WRP Tribal Engagement Temporary Working Group Call
- September 3: WRP Resiliency of Airspace call to more fully scope Gap 1: Ensuring the military has sufficient airspace to meet DoD readiness requirements
- September 7: WRP Resiliency of Airspace call to more fully scope Gap 2: Integration of UAS into the NAS
- September 16: WRP Energy Committee Webinar on Black Sky/Black Start (10 am – 11:30 am Pacific)
- September 24: WRP Tribal Engagement Temporary Working Group Call
- September 30: WRP Resilient Energy Infrastructure Deep-Dive Call

Past WRP Webinars:

- **May 12: Water Security Data webinar:** <https://bah16f18.adobeconnect.com/px7wl4lktpew/>
- **February 4th Water Resource Management Strategies Webinar:** <https://bah16f18.adobeconnect.com/paaydnqwd88p/>
- December 14: **Water Security Policy Planning and Implementation Webinar:** <https://bah16f18.adobeconnect.com/p40giu27h4yq/>
- **December 8: Western Regional Partnership (WRP) webinar featuring Tribal Resilient Energy Infrastructure**
- **Oct 15: Fort Huachuca Sentinel Landscape/Partnership Water Efforts Webinar:** <https://bah16f18.adobeconnect.com/pghx12u51kw2/>
- **Oct 22: Collaborative Tools for Resolving Water Disputes Webinar:** <https://bah16f18.adobeconnect.com/p2xo9dnevhuc/>
- **June 11: Resiliency of Airspace Webinar:** <https://bah16f18.adobeconnect.com/pu2gu1ldj21e/>
- **June 12: WRP's June 12th webinar on Disaster Mitigation:** <https://bah16f18.adobeconnect.com/pq9huy66zgwm/>

Energy

Federal Updates

FERC

- [FERC, NERC, Regional Entity Staff Make Recommendations For Grid Operating Assessments](#)
- [Advance Notice of Proposed Rulemaking: Building for the Future Through Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection](#)
- [FERC Begins Reform Process to Build the Transmission System of the Future](#)

- [FERC Chairman Glick, Commissioners Discuss the Changing Energy Landscape at House Oversight Hearing](#)
- [86 FR 37321 - North Baja Pipeline, LLC; Notice of Availability of the Draft Environmental Impact Statement for The Proposed North Baja Xpress Project](#) Federal Register.
- [Advance Notice of Proposed Rulemaking: Building for the Future Through Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection](#)

DOE

- [NREL Finds Keeping Renewables at Today's Levels—or Limiting Their Growth—Results in Higher U.S. Power System Costs >>](#)
- [Grid-Scale U.S. Storage Capacity Could Grow Five-Fold by 2050>>](#)
- [North American Renewable Integration Study Highlights Opportunities for a Coordinated, Continental Low-Carbon Grid >>](#)
- [Costs and Benefits of a 100% Renewable Electricity System](#)
- DOE announced new building code [determinations](#). *"More efficient building codes are key ways to eliminate wasted energy, lower Americans' energy bills, and reduce carbon emissions that contribute to climate change,"* said Energy Secretary Jennifer Granholm in a statement.
- [EERE Funding Opportunity Exchange](#)
- **Aug. 10**, 2021, 3–4 p.m. ET. Dispersed, unintegrated, and sometimes inaccessible data can make data-driven energy planning too expensive or time-intensive for many state and local governments to pursue. To confront this issue, the [State and Local Planning for Energy \(SLOPE\) Platform](#) integrates and delivers data on energy efficiency, renewable energy, and sustainable transportation into an easy-to-access online platform, helping enable data-driven state and local energy planning. [Register for the SLOPE webinar](#) to learn how SLOPE can assist state and local governments in achieving their energy and climate goals and support their transition to a clean energy economy.
- The number of electric vehicle (EV) charging stations continues to rise, and direct current fast chargers are the fastest growing charger type, according to a new NREL Mobility report, "Electric Vehicle Charging Infrastructure Trends from the Alternative Fueling Station Locator: Third Quarter (Q3) 2020." [Read the full report](#)
- Using data from DOE's Alternative Fueling Station Locator, this report breaks down the growth of public and private charging infrastructure by charging level, network, and location.
- Secretary of Energy Jennifer Granholm hosted the Leadership Roundtable: Empowering Cities to Accelerate Rooftop Solar Installations Across America, to introduce the new Solar Automated Permit Processing Plus (SolarAPP+) tool. [recording of the Leadership Roundtable](#).
- DOE and Lawrence Berkeley National Laboratory released [eProject eXpress](#) (ePX), an updated tool to help state and local governments implement energy savings performance contracts.
- Achieving the national goal of [30 gigawatts of offshore wind by 2030](#) will require research, development and deployment activities across a range of stakeholders to find durable, innovative solutions to advance technology and reduce barriers: [NREL's offshore wind research](#)
- WETO bi-annual [research and development \(R&D\) newsletter](#).
- A recent [study](#) from Lawrence Berkeley National Laboratory looks at how wind and solar market value changed over time at utility-scale power plants across major power markets.

- NREL published a [new study](#) that examines using advanced machine learning and 3D printing technologies to design lightweight wind turbine generators with higher power density. Learn how the study [assesses weight- and cost-saving opportunities](#).
- [North American Renewable Integration Study](#) can inform grid planners, utilities, industry, policymakers, and other stakeholders of the challenges and benefits of a well-connected, internationally integrated continental grid system that could accommodate large amounts of renewables. DOE's [press release](#) and [study and the implications for a low-carbon future](#).
- DOE Geothermal Technologies Office announced National Renewable Energy Laboratory has published its [2021 U.S. Geothermal Power Production and District Heating Market Report](#), which highlights areas where the geothermal power sector is primed for technological innovation.
- [Department of Energy Seeks Public Input Regarding Energysheds](#) DOE is accepting comments on this RFI through than 5:00pm (ET) on **August 10**, 2021. More details: [here](#).
- Energy Information Administration expects renewable energy to reach a 23% share of total U.S. electricity generation by 2022, with roughly 50 gigawatts of wind and solar power slated to come online in the next 18 months. 2022 will also be the first year utility-scale solar capacity additions will surpass wind; see [outlook](#).
- DOE announced \$52.5 million to fund 31 projects to advance next-generation clean hydrogen technologies and support DOE's recently announced [Hydrogen Energy Earthshot](#) initiative to reduce the cost and accelerate breakthroughs in the clean hydrogen sector.

DOI: The Interior Department approved 2,500 requests to drill for oil and gas on public land in the first six months of this year according to an [analysis](#) from the Associated Press.

State Updates

CA

- [Governor Newsom Signs Emergency Proclamation to Expedite Clean Energy Projects and Relieve Demand on the Electrical Grid During Extreme Weather Events This Summer as Climate Crisis Threatens Western States](#)
- [California's fix for avoiding more blackouts irks neighbors](#)

NV

- [PUCN Report Summarizes Investigation of Electric Capacity Constraints Resulting from 2020 Heat Wave](#)
- [Plans for Nevada's largest solar plant scrapped](#)

Tribal Updates

- [Interior Department Advances Two Solar Energy Projects on Tribal Lands](#)
- DOE Awards \$12 Million to American Indian and Alaska Native Communities to Maximize Deployment of Energy Technology [Read more about the selected projects in DOE's press release](#)

Regional

- July WestFAST Newsletter is attached and posted to the WSWC Website at: <https://westernstateswater.org/westfast-newsletters/2021/westfast-july-2021-newsletter/>
- [The lurking threat to solar power's growth](#)

- [Transmission Makes the Power System Resilient to Extreme Weather](#)
- President Joe Biden's goals of carbon-free power by 2035 and net-zero emissions across the entire economy by 2050 will require a doubling or tripling of the U.S. transmission system, according to a [report](#) from the Energy Systems Integration Group.

Natural Resources

Federal Updates

- Understanding Multi-Stressor Impacts on Marine Ecosystems under Climate Change. Due: **January 18**, 2022. [Learn more](#)
- EPA and Army Corps of Engineers will be holding a series of public meetings to gather feedback from the agricultural industry, among other stakeholders, in response to the Biden administration's efforts to redefine "waters of the United States". [Click here to learn more](#)
- [U.S. Drought Monitor](#) (USDM), released every Thursday, provides a weekly summary of overall drought conditions in the U.S., detailed summaries of drought conditions by region, and upcoming weather changes. The USDM is produced by the National Drought Mitigation Center at the University of Nebraska-Lincoln, the National Oceanic and Atmospheric Administration, and the U.S. Department of Agriculture.

DOI

- [Secretary Haaland Celebrates Expansion of Sabinoso Wilderness, Advancing Effort to Conserve and Restore Public Lands](#)
- [Secretary Haaland Highlights Conservation Efforts, Investments in Rural and Tribal Communities during Colorado Visit](#)
- [Drought relief efforts to address urgency of western water crisis the focus of Secretary Haaland's visit to Denver](#)

DOI-BLM

- [Bureau of Land Management Seeks Public Input on Proposed Invasive Plant Management Environmental Assessment](#)
- [BLM Releases Final EIS for Blue Valley Land Exchange](#)
- [The BLM welcomes public input on evaluation of Lander Resource Management Plan](#)
- [Bureau of Land Management welcomes public input for proposed exploratory drilling project](#)
- [Mojave Desert Land Trust announces conservation milestone for California desert](#)

DOI-USFWS

- [Economic Analysis for Proposed Regulations Governing the Take of Migratory Birds](#)
- [Endangered and Threatened Wildlife and Plants; Revised Designation of Critical Habitat for the Northern Spotted Owl](#)
- [Endangered and Threatened Wildlife and Plants; Lesser Prairie-Chicken; Threatened Status With Section 4\(d\) Rule for the Northern Distinct Population Segment and Endangered Status for the Southern Distinct Population Segment](#)
- [Endangered and Threatened Wildlife and Plants; Removing Adiantum vivesii From the Federal List of Endangered and Threatened Plants](#)
- [Service Completes Initial Reviews on Endangered Species Act Petitions for Three Species](#)
- [Draft Revised Gila Trout Recovery Plan – Posted in the Federal Register yesterday](#)

DOI-Bureau of Reclamation

- [WaterSMART grant opportunities](#) will be presented during a [webinar](#) hosted by the [WaterNow Alliance](#) on Wednesday, **Aug. 18**. Local leaders will learn how the funding can help with projects that build resilience to drought. U.S. Bureau of Reclamation staff will have details on three grants categories: water and energy efficiency, drought resiliency, and environmental water resources.
- WaterSMART Drought Response Program: Drought Resiliency Projects. **Due: October 5, 2021.** [Learn more](#)
- [Water and fish managers prepare for impacts of drought on the Middle Rio Grande](#)
- [Reclamation releases additional 5-year projections to support drought response planning efforts in the Colorado River Basin](#)
- [Reclamation releases report to show benefits of alternative reservoir operations](#)
- [Reclamation launches website with real-time information, interactive resources on drought](#)
- Desalination and Water Purification Research Program. To develop more innovative, cost-effective, and technologically efficient ways to desalinate water. Due: **September 9, 2021.** [Learn more](#)
- The Bureau of Reclamation will host a Basin Studies webinar on Tuesday, **August 3, 2021**, at 09:00 a.m. PST / 10:00 MDT to discuss information about this WaterSMART program, including eligible applicants, program requirements, and the selection process. Click [here](#) to join the webinar. Basin Studies program website: <https://www.usbr.gov/watersmart/bsp/index.html>

DOI-USGS

- [When Unchecked, Free-Roaming Horse Populations Threaten Greater Sage-Grouse](#)
- [New Study Helps Wind Industry, Wildlife Managers Identify Risks to Certain Raptors from Collisions with Wind Turbines](#)

EPA

- [New Interactive Maps and Resources Empower the Public and Policymakers to Act on Environmental Justice](#)
- [EPA Releases Preliminary Data for 2020 Toxics Release Inventory Reporting, Including First Ever Reporting on PFAS](#)
- [EPA and Army Announce Next Steps for Crafting Enduring Definition of Waters of the United States](#)
- [Clean Water Act: EPA Needs to Better Assess and Disclose Quality of Compliance and Enforcement Data](#) GAO-21-290, July 12

USDA

- A new study, supported by the USDA's [Conservation Effects Assessment Project](#) and led by Dr. David Pavlacky from the [Bird Conservancy of the Rockies](#), demonstrates the importance of voluntary conservation to imperiled grassland songbirds.
- [How Fish Behavior Is Linked to Patterns of Temperature and Stream Discharge](#)
- To carry out high priority wetland protection, restoration, and enhancement and to improve wildlife habitat. **Due: August 15, 2021** [Learn more](#)

USDA-USFS

- [Forest Products Laboratory Announce Grants with U.S. Endowment for Forests and Communities](#)

USDA-NRCS: [USDA Offers Disaster Assistance to Arizona Farmers and Livestock Producers Impacted by Wildfires and Drought](#)

USACE: In August, U.S. Army Corps of Engineers (USACE) will begin a webinar series on bridging the equity gap when it comes to flood resilience: [first webinar](#)

State Updates

AZ

- Arizona Legislature acted to help rural communities make improvements in their water infrastructure by carving out \$40 million from the \$200 million set aside for water infrastructure projects. Loans of up to \$1 million and grants of up to \$100,000 are available. [Infrastructure Funding](#)
- Permittees and other stakeholders are invited to join ADEQ for this one-hour virtual event, as we provide updates regarding evolving federal programs, the new state program, permit questions and changes, surface water quality standards, impaired waters, rulemaking and more. ADEQ surface water quality improvement, permitting and compliance staff will also discuss our preparations for permitting related to the [Surface Water Protection Program](#). Thursday, **Aug. 5**, 2021, 1 – 2 p.m. [Register Today](#)
- [WRRRC July 30th Newsletter](#)
- [WRRRC – Weekly Wave July 16, 2021](#)
- [ADWR Announces Annual Drought Report for 2019-2020](#)
- [ALWT Executive Director Liz Petterson Comments on the Next Generation of Farmers and Ranchers](#)
- Arizona Land and Water Trust is pleased to announce the protection of the Pyeatt Ranch in Canelo Hills, just west of Fort Huachuca. [Click here to read more about the Trust's work in Southern Arizona](#)

CA

- Progress report on California's [Salton Sea](#) says the area is starting to see improvement as needs are being addressed. The [article published by the Water Education Foundation](#) points to work that started this year on a species conservation habitat project at the south end of the sea.
- Expect the unexpected at this month's annual [California Water Data Summit](#). Featured speakers from across the water sector will highlight planning for unpredictable events such as drought and climate change. The summit will be Thursday, **Aug. 19**.
- Governor's Office of Planning and Research is accepting [grant proposals](#) for the [California Resilience Challenge](#) - - [news release](#). The deadline for proposals is **Monday, Sept. 13**.
- California Natural Resources Agency Secretary Wade Crowfoot delivered a keynote address during this month's [Esri User Conference](#). His presentation on California's 30x30 initiative is available on [video](#).
- [DWR's Flood-Managed Aquifer Recharge \(Flood-MAR\) program](#) will feature an overview of moving a managed aquifer recharge project from concept to completion during the next [Lunch-MAR meeting](#). The topics will include working with landowners and finding recharge water sources.
- Technical assistance and grant opportunities for underrepresented communities will be discussed during a [DWR workshop](#) on Tuesday, **Aug. 3**. The information is intended for disadvantaged communities and Native American Tribes.

- A new report from [Berkeley Law](#) evaluates the potential for California to make major improvements to its water rights information system, including dramatic changes in water rights data. [Piloting a Water Rights Information System for California](#) suggests the improvements are not only possible, but well within the State's reach
- As a part of the [2021 update to the State Adaptation Strategy](#), California is developing an extreme-heat framework that will map out a strategy for dealing with the effects of rising temperatures.
- California State Water Resources Control Board has [invited public comment](#) on the draft statewide Clean Water Act (CWA) Section 303(d) list of water quality limited segments portion of the 2020-2022 California Integrated Report. The draft statewide list includes new listing and delisting recommendations for waterbodies in the Central Coast, Central Valley, Colorado River Basin, and San Diego regions. More information: [here](#); report is available [here](#).
- [California faces power shortage as fires threaten electric lines](#)
- [Governor asks all Californians to voluntarily reduce water usage](#) - visit www.saveourwater.com. Learn more about current conditions, the state's response, and informational resources available to the public at the state's new [drought preparedness website](#).

UT

- [Gov. Spencer J. Cox Explains Effects of Drought on Utah's Agricultural Sector](#)
- [Gov. Spencer J. Cox Outlines Efforts to Save Water](#)
- [In One State, Fish Populations Take Flight](#)

WGA

- The Governors reached out to the EPA to share its policy on water in the West and process improvements to ensure the effective administration of state authority as the agency reconsiders the Clean Water Act Section 401 Certification Rule. ([Read more](#))

Tribal Updates

- WRRRC Pre-Conference Webinar: Tribal Water Rights and Settlements, **Date: Aug 13**, Time: Noon to 1:30 pm AZ time (1:00 pm - 2:30 pm MDT) Location: [Webinar](#)
- WRRRC 2021 Annual Conference - Tribal Water Resilience in a Changing Environment. Held virtually over three days, **August 30-September 1**. <https://wrrc.arizona.edu/conference>
- The BIA is collaborating with DOI Climate Adaptation Science Centers (CASCs) to continue supporting tribal climate resilience needs and selected tribal organizations will enter into cooperative agreements with the BIA. This provides a mechanism for the BIA to provide the selected Tribal organizations with non-recurring funding for mutually agreed upon tasks in keeping with the climate science needs of the BIA and all tribal communities in the Northwest, Southwest, and Alaska CASC regions (learn more and see map of DOI CASCs here: <https://www.usgs.gov/ecosystems/climate-adaptation-science-centers>). Applications are due **August 23**, 2021.
- [Drought Continues To Impact Navajo Nation](#)
- Another supporting document has been added to the [California Water Plan Update 2018 website](#). The [2018 Tribal Water Summit Proceedings](#) will be used as a resource when the Tribal Advisory Committee convenes as part of the preparation for California Water Plan Update 2023.

The [Tribal Water Summit](#) was convened during Water Plan Update 2009 and subsequent updates to develop tangible outcomes which would support an implementation plan to advance Tribal objectives and involvement in California water planning and management.

Regional Updates

- [NFHP July Newsletter](#)
- [Impacts of today's fires on tomorrows water](#)
- [Martin & McCoy and Culp & Kelly LLP. \(2021\). *Ten Strategies for Climate Resilience in the Colorado River Basin*](#)
- The American Water Resources Association (AWRA) held its first virtual Specialty Conference titled "[2021 Summer Land and Water Specialty Conference](#)" over three days, July 19-21.
- [Desert tortoise deaths raise questions as Nevada solar farms grow](#)
- [Lake Powell hits new low](#)
- **August 4**, 2021: Drought in the American West: What you need to know and solutions for a better water future [Register Now](#)
- [AFS newsletter - July](#)
- [An end to new Colorado River Diversions?](#)
- [The Gila Struggles to keep flowing](#)
- [NFHP Annual Report – June 2020](#)

Military Readiness, Homeland Security, Disaster Preparedness and Aviation

Military Readiness

DoD

- [DOD Officials Testify on Fixed-Wing Tactical, Training Aircraft Programs](#)
- [DOD Focuses on Aspirational Challenges in Future Warfighting](#)
- [Climate Change Has National Security Implications, DOD Official Says](#)
- [DoD Will Soon Release Climate Change Strategy That Will Impact Almost Every Facet of the Military](#)
- [F-35 Lightning II with Allies and Partners: Pilots' Perspective](#)
- [Exclusive: In A First, SecDef Pledges DoD To Space Norms](#)
- [SecDef Austin commits US to 'responsible AI'](#)
- To facilitate implementation planning for Executive Orders, DoD would like to know the views of interested parties on sustainability initiatives including climate-related disclosures. See [link](#)
- [Deployment of US troops along US-Mexico border will stretch into a fourth year, Pentagon announces](#)

REPI

- The Readiness and Environmental Protection Integration (REPI) Program is pleased to announce the 2021 REPI Challenge funding recipients, marking the 10th year in a row of this exciting competitive initiative. Once again, this year's REPI Challenge focused on innovative projects that limit incompatible development, enhance military installation resilience to climate change and

extreme weather events, and/or relieve current or anticipated environmental restrictions on military testing, training, or operations at locations hosting key mission capabilities. This year, the REPI Program awarded \$15.6 million in program funds to be coupled with nearly \$21.6 million in partner contributions to implement seven projects. By spreading funding across these seven projects, the 2021 REPI Challenge will contribute to initiatives benefitting 12 installations and their communities across the country. The locations and their associated REPI Challenge funding include:

1. U.S. Army Garrison, Hawaii: Pohakuloa Training Area, Makua Military Reservation, and Schofield Barracks, HI. Wildfire mitigation management and restoration; \$1.1 million.
2. Camp Ripley, MN. Resilience and implementation strategic planning; \$0.2 million.
3. Seymour Johnson Air Force Base, Marine Corps Base Camp Lejeune, Marine Corps Air Station Cherry Point, NC. Protection of family farms and forests; \$1.0 million.
4. **Marine Corps Air Ground Combat Center Twentynine Palms, National Training Center Fort Irwin, CA. Desert tortoise habitat restoration and management; \$1.5 million.**
5. Tyndall Air Force Base, FL. Living shoreline construction and coastal restoration; \$4.8 million.
6. **White Sands Missile Range, NM. Compatible land protection; \$5.1 million.**
7. Naval Weapons Station Yorktown, VA. Living shoreline construction and coastal restoration; \$2.0 million.

The 2021 fact sheet, along with information on past REPI Challenge projects, is available at [<http://www.repi.mil/Buffer-Projects/REPI-Challenge/>].

- August 4 REPI Challenge Webinar: [recording](#)
- www.REPI.mil/Resources/Webinars/
- [REPI Monthly Newsletter - July 2021 Edition](#)

USAF

- [Senate confirms new bosses at AMC, AFGSC](#)
- [Update: Air Force puts future basing plans for Davis-Monthan AFB, Nellis AFB on hold pending NDAA outcome](#)
- [Congress rebuffs Air Force's plan to retire older aircraft, putting A-10 move on hold](#)
- [Air Force takes next step in fuel cleanup at New Mexico base](#)
- [Hill AFB, RMP Complete Solar Project, Will Seek More Energy Savings Amid Future Growth](#)
- [Davis-Monthan big part of A-10 future](#)
- [REPI Challenge yields more than \\$24M for AF installations](#)
- The Air Force is going to pull two F-16s from the boneyard to use them to build an exact [3D digital replica](#) that should speed future maintenance,

Army

- [Lawmakers want answers on US Army plans to protect vehicles from drones](#)
- [US Army matures tactical tools for trustworthy data, cyber op action plans](#)
- [Tanks are here to stay: What the Army's future armored fleet will look like](#)
- [US Army triggers competition for future long-range assault aircraft](#)
- [Is the Army warming up to electric vehicles in its fleet?](#)
- [Biden Picks Jacobson to Head Army Installations](#)

- [Long Road Ahead for Energy Resilience of Army Installations](#)

Navy

- [Electronic attack system to provide Navy more capabilities, flexible options](#)
- [Drone technology in the Navy](#)
- [Navy needs to prep for unmanned integration, says SWO boss](#)
- [Senate Confirms Kendall as Navy Secretary](#)
- [Navy to Reexamine Effects of Pacific Training Exercises on Endangered Whales](#)
- [Navy adjusts F-35C squadron size to end fighter shortfall by 2025](#)
- [The US Navy has a new weapon to defeat killer drone swarms](#)
- [Navy secretary nominee supports expanding fleet, but says more money is needed](#)
- [Here are the ships the Navy wants to inactivate in fiscal 2022](#)

USMC

- [Force Design 2030](#)
- [2019 Commandant's Planning Guidance](#)
- [Marine F-35Cs in this squadron are ready for combat in another fighter jet first](#)
- [Marines are testing drones that fly from grenade launchers](#)

Space Force

- [Buckley Space Force Base prepares for the next frontier](#)
- [New Mexico Space Innovation Hub Launches With Federal Funding](#)

Homeland Security/Disaster Preparedness

- [Critical Supply Chain Task Force Releases Recommendations](#)
- [DHS Announces FY 2021 Preparedness Grants Funding Allocations](#)
- [US Senate Transportation Policymakers Press for Pipeline Security](#)
- [DHS to Cancel Laredo Sector Border Barrier Contracts](#)
- Register here for the Tribal-DHS 2021 homeland security summit. **August 9-12** starting at 2:00 ET. https://hq-dhs.zoomgov.com/webinar/register/WN_n4IKTuNeR8mj6emNsqX6xA
- [How States Can Improve Disaster Mitigation](#)

FEMA

- [FEMA Announces \\$700 million in Hazard Mitigation Selections](#)
- The Natural Hazards Center, in partnership with FEMA, has been presenting the Making Mitigation Work Webinar Series. A series of free one-hour webinars have been featuring innovative speakers and highlighting recent progress in mitigation policy, practice, and research. [Watch past webinars and register for the last webinar, in August.](#)
- FEMA Mobile App Introduces New High Winds "Mitigate Your Risk" Section. The [FEMA App](#) Provides Low-or No-Cost Do-It-Yourself Tips and Timely Emergency Alerts. Mitigate Your Risk. [Get additional mitigation tips and sign up for disaster alerts using the FEMA Mobile App!](#)
- **Aug 11.** New: [FEMA: Notice of Funding Opportunity for 2021 Hazard Mitigation Assistance Grants](#). FREE! Online.
- **Aug 18.** New: [FEMA: Where Equity Fits into the BRIC/FMA Program Design and Community Resilience](#). FREE! Online

- **Aug 26.** New: [FEMA: Notice of Funding Opportunity for 2021 Hazard Mitigation Assistance Grants](#). FREE! Online.
- **Sep 1.** New: [FEMA: Hazard Mitigation Assistance Grants Application Pitfalls](#). FREE! Online.
- **Sep 8.** New: [FEMA: Fiscal Year 2021 NOFO Notice of Funding Opportunity Technical and Qualitative Criteria](#). FREE! Online.
- **Sep 13.** New: [FEMA: Notice of Funding Opportunity for 2021 Hazard Mitigation Assistance Grants for Tribal applicants](#). FREE! Online.
- [FEMA Advisory FEMA Announces Initial Initiatives to Advance Equity 20210721.pdf](#)
- FEMA has released the funding notice for \$6 million in competitive funding available as part of the fiscal year [2021 Homeland Security National Training Program Continuing Training Grants](#). The funding notice, posted on [grants.gov](#), will be available to applicants through a competitive process to help improve the nation's ability to respond to and recover from all-hazards events. Applicants must submit applications for no later than 11:59 p.m. ET on **August 16**.
- Secretary of Homeland Security Alejandro N. Mayorkas announced the final allocations for \$475 million for seven Fiscal Year 2021 competitive preparedness grant programs. Further information on preparedness grant programs is available at [www.dhs.gov](#) and <http://www.fema.gov/grants>.
- Now Published Online: 2021 Hazard Mitigation Partners Workshop Presentations. [Watch the HM Partners Workshop presentations](#)
- Mark your calendars for the 2021 Building Resilient Infrastructure and Communities (BRIC) and Flood Mitigation Assistance (FMA) Programs' Webinar Series—running **July 28 to Oct. 28!** This webinar series will bring FEMA subject-matter experts and partners together to provide technical information, best practices, tools and resources regarding these grant programs. [See the full webinar schedule.](#) [Learn more about the Hazard Mitigation Assistance Division's grant programs.](#)
- FEMA)Building Resilient Infrastructure and Communities (BRIC) Program announced the fiscal year 2020 selected projects [<https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities#selections>]. FEMA will work with the 406 subapplications selected for "Further Review" before making final funding decisions in September 2021.

Cyber

- [FACT SHEET: Biden Administration Announces Further Actions to Protect U.S. Critical Infrastructure](#)
- [National Security Memorandum on Improving Cybersecurity for Critical Infrastructure Control Systems](#)
- [The US Needs a Department of Cybersecurity](#)
- [Pipeline operators raise concerns over aggressive TSA cybersecurity directives](#)
- [Fixing the Fractured Federal Approach to Cybersecurity](#)
- [Senate Committees Examine Cyber Threats to Infrastructure](#)
- Public Safety Communications and Cyber Resiliency Toolkit has been updated to include new resources and can be found on the [SAFECOM Technology Resources webpage](#) under "Communications and Cyber Resiliency."
- [White House Asks CISA, NIST to Set Cybersecurity Performance Goals for Critical Infrastructure Operators](#)
- [Energy Updates Assessment Tool for Administration's 100-Day Cybersecurity Sprint](#)

- [TSA imposes new cyber rules on pipeline operators](#)
- [DHS Announces New Cybersecurity Requirements for Critical Pipeline Owners and Operators](#)
- The U.S. Department of Homeland Security (DHS) and the U.S. Department of Justice (DOJ), together with federal partners, have launched a new website to combat the threat of ransomware. [StopRansomware.gov](#) establishes a one-stop hub for ransomware resources for individuals, businesses, and other organizations.
- Secure and Trustworthy Cyberspace Frontiers. To support ambitious and potentially transformative center-scale projects in the area of cybersecurity and privacy. Due: **November 17, 2021**. [Learn more](#)
- According to IBM, 74% of organizations admit that their cybersecurity plans are either ad-hoc, applied inconsistently or they have no plans at all. That's especially the case with small-to-medium enterprises, 60% of which lack working and up-to-date cybersecurity policies. [Read more](#)

Wildfire

- [Remarks by President Biden and Vice President Harris in Virtual Meeting with Governors on Wildfires](#)
- [EPA, Forest Service Release Improved Tools to Equip the Public with Information and Resources on Wildfire Smoke](#)
- [Update to EPA's AirNow mobile device app gives public increased access to information about air quality during wildfires](#)
- [Secretary Haaland Discusses Wildland Fire Response and Preparedness in Visit to Grand Junction](#)
- [Guard Well-Equipped to Handle West Coast Wildfires](#)
- The [growing intensity](#) of [wildfire season](#) on the West Coast has forced the National Guard to change the way it [prepares aircraft](#) and service members to fight those blazes. "We used to talk about fire season," Chief of the National Guard Bureau Army Gen. Daniel Hokanson said. "It's really a fire year now."
- [Fire season now year-round for the Guard, Hokanson says](#)
- [EPA, Forest Service release improved tools to equip the public with information and resources on wildfire smoke](#)
- [500 National Guard fighting West Coast wildfires](#)
- [New technology propels efforts to fight Western wildfires](#)
- [Wildfires are turning the sun and moon red](#)
- [Western drought highlights need for action to reduce wildfire risk](#)
- [Beetles, drought, and fires are a ticking time bomb in the West](#)
- [Wildfires Are So Dangerous Now that the National Guard Prepares for Them Like Hurricanes](#)
- [Conservation groups map fire-spreading weeds as part of community wildfire preparation program](#)
- [Taking an "all-lands" approach to managing wildfire across diverse forest ownerships](#)
- Recordings of the following two webinars that the [Western Region](#) co-sponsored with the [Fire Adapted Communities Learning Network](#).
- [#NationalFireNews](#)
- [Learning from Past Fire Patterns to Inform Future Wildfire Decision Making](#)
- [Jet fuel shortage a "crisis" for firefighting aircraft](#)

- [Federal Firefighter Shortages Are Getting Worse](#)
- [Congressional wildfire caucus pushes for better federal support](#)
- [TNC releases report: 'Funding for Wildfire Resilience: Strategies for a Paradigm Shift'](#)
- [Wildfires in the West and water supplies: More at risk than you know](#)
- [Western wildfires rage across 12 states, U.S. at highest alert level](#)
- [Effects of post-fire management on vegetation and fuels following successive wildfires](#)
- [Year-to-date statistics for wildfires and acres burned](#)
- [Wildfires threaten all of the West — and one group more than others](#)
- [Fire Facts StoryMap](#) This Fire Facts guide was created to provide basic wildfire information, background, terminology, and resources to increase your knowledge and understanding of wildland fire and the ways we can all contribute to better fire outcomes.

AZ

- [Invasive grass species increases risk of wildfire spreading](#)

CA

- [Governor Newsom Signs Order to Free Up Additional Energy Capacity Amid Oregon Wildfire Impacting Transmission Lines and Extreme Heat in the West](#)
- [Newsom Administration Secures 12 Additional Firefighting Aircraft to Support Statewide Fire Response](#)
- [California Governor Newsom Surveys Tamarack Fire Damage with Nevada Governor Sisolak, Meets with Fire and Emergency Officials at Incident Command Center](#)
- [California says federal 'let it burn' policy is reckless as wildfires rage out of control](#)
- [Jet fuel shortage could ground California's firefighting airplanes this wildfire season](#)
- [Lack of Federal Firefighters Hurts California Wildfire Response](#)
- On July 1, the Office of Energy Infrastructure Safety [officially moved under the CNRA umbrella](#). The Office of Energy Infrastructure Safety, formerly the Wildfire Safety Division at the California Public Utilities Commission, will serve to ensure electrical utilities are taking effective actions to reduce utility-related wildfire risk. Leading the office will be Caroline Thomas Jacobs who was appointed Director of the Office in the beginning of July.
- The California Department of Fish and Wildlife (CDFW) has undertaken the largest wildfire protection and resiliency effort in its history, working to safeguard nearly all of its wildlife areas, ecological reserves, and the surrounding communities from wildfire ahead of peak wildfire season this summer and fall. More information can be found on [CDFW's website](#).
- [California governor, lawmakers add \\$500M to wildfire mitigation budget following investigation](#)

CO

- [How fire today will impact water tomorrow](#)
- [From Colorado: Wildfire mitigation work coming to Keystone in early August](#)
- [Colorado is the 2nd most prepared state for wildfires, study finds](#)
- [Colorado signs contract for exclusive use large air tanker - Fire Aviation](#)
- [Colorado wildfires: Crews preparing for warm dry days ahead](#)
- [Unmanned aerial systems for forest management](#)

NV

- Nevada Wildfire Awareness - Living With Fire Virtual Series. Register for Upcoming Workshops. Go to www.livingwithfire.com/webinars to register. WATCH PREVIOUS WORKSHOPS (Including

NV Energy's) Go to www.livingwithfire.com/resources/living-with-fire-videos/ to watch previous LWF workshops, webinars and videos.

- [Governor meets with local, state fire officials to celebrate new funding for NM firefighters](#)

Aviation

- [Public Input Sought on Proposed Air Tour Management Plans](#)
- [Aviation Services: Information on Airports Exercising Their Right as the Sole Provider of Fuel](#)
- [U.S. Airlines May 2021 Passengers Increased 607% from May 2020 but Declined 30% from May 2019 \(Preliminary\)](#)
- [Airports in the US West dealing with shortage of jet fuel](#)
- [TSA approves three airport security agreements with Amazon.com Air unit](#)
- [Business aviation activity surpasses pre-pandemic level](#)
- [NASA's Mars helicopter lays groundwork for future designs](#)
- [Aviation leaders to highlight push toward sustainability](#)
- [Governing commercial space transportation](#) A [report](#) from the U.S. Government Accountability Office
- [FAA Activates System to Track Space Launch, Reentry Vehicles](#)
- [GRASS™ Opportunity Zone Fund Acquires Tiger Field, Expands Investment in Aviation](#)
- The FAA and AUVSI have one virtual episode left for 2021! Sign up now for registration and agenda updates below: [September 14-15 Register](#)
- NASAO Annual Conference, [September 12-15](#), 2021, Colorado Springs, CO, More Information: [NASAO](#)
- [Flight 9 Was a Nail-Biter, but Ingenuity Came Through With Flying Colors](#)
- [Air travel is at 83 percent of pre-pandemic level, TSA says](#)

FAA

- [FAA Hosting Northern California Airspace Workshops](#)
- [FAA Opens Houston Space Safety Office to Increase Oversight of Texas and New Mexico Operations](#)
- [FAA's Ability To Manage Its National Airspace System Inventory Is Limited by Several Gaps in Its Processes That Remain After Adoption of the Agency's Current Inventory Management System](#)
- [FAA to Host Northern California Airspace Workshops](#)
- FAA can now track a space launch or reentry vehicle in near-real time as it travels through the National Airspace System. The [Space Data Integrator \(SDI\)](#) prototype automates the delivery of vehicle-related telemetry data to the FAA Air Traffic Control System Command Center. [Space Operations in the NAS video](#) and [Shared Data is a Game Changer for Space Operations blog](#)
- [FAA Awards \\$101 Million to Improve CA Airports](#)

UAV/Drones

- [AUVSI XPONENTIAL Is Just Around the Corner](#)
- [Drones to Help with Rampant Rat Problem on Pacific Islands](#)
- [10,000 Drone Pilots Take the FAA's TRUST with UAV Coach](#)
- [DHL to use over 4,000 larger drones in Europe by 2030](#)
- [Bird-Mimicking Electric Drone Hits New Endurance Record](#)

- [Researchers Create Drone Swarms That Can Detect Gas Leaks, Other Threats](#)
- [Video Features 35-Minute Flight of a Flying Car](#)
- [FTC's "Made in USA" Rule Could Impact the Drone Industry](#)
- [Researchers Create Drone Swarms That Can Detect Gas Leaks, Other Threats](#)
- [Coalition seeks support for air taxi infrastructure](#)
- [Parrot Launches The World's First 4G Drone](#)
- [Verizon unit will test cell-connected drones for FAA](#)
- A flying car prototype from Klein Vision that features retractable wings and tail recently [completed a test flight](#) between two Slovakian cities. Other companies such as Volkswagen, Hyundai and Porsche are developing flying cars or backing startups that have prototypes in progress.

Spectrum

- [What the latest infrastructure bill says about 3.1-3.45 GHz](#)
- [The Spectrum Needs of U.S. Space-Based Operations: An Inventory of Current and Projected Uses](#)
- [NTIA Releases Comprehensive Review of U.S. Space-based Operations and Spectrum Use](#)
- [NTIA Comments on Promoting the Deployment of 5G Open Radio Access Networks](#)
- [FCC-NTIA Joint Coordination Procedure Notice on 3.45-355 GHz](#)
- [Transition Plans and Transition Data for the 3450-3550 MHz Band](#)
- [3450-3550 MHz Archive Files](#)
- [Gov. Polis's Broadband Advisory Board Releases Inaugural Annual Report](#)
- [Governor Newsom Signs Historic Broadband Legislation to Help Bridge Digital Divide](#)
- [New Technology For Transportation Safety](#)
- [New Data Show Major Broadband Gaps in Smaller Counties](#)
- **Aug 11 & 12.** [Tribal Broadband Connectivity Program. FREE! Online.](#)
- [U.S. Air Force With a New Division. It Should Be Used to Fight in the "Electromagnetic Spectrum"](#)
- [Army Is Testing Multiple Avenues to Implement 5G on Bases](#)
- [California will spend \\$6B to expand internet access](#)
- [Chairwoman Johnson, Ranking Member Lucas Emphasize Continued Need For Effective Spectrum Management After Release Of GAO Report](#)
- [How Localities and States Can Prepare for Broadband Expansion](#)
- [Spectrum Management: Agencies Should Strengthen Collaborative Mechanisms and Processes to Address Potential Interference](#) GAO-21-105319, July 20
- [Spectrum Management: Agencies Should Strengthen Collaborative Mechanisms and Processes to Address Potential Interference](#) GAO-21-474, June 29
- [Spectrum Management: Agencies Should Strengthen Collaborative Mechanisms and Processes to Address Potential Interference](#) GAO-21-105319, July 20
- [Spectrum Management: Agencies Should Strengthen Collaborative Mechanisms and Processes to Address Potential Interference](#) GAO-21-474, June 29
- [Military Kicks Off Deployment of 5G Testbeds for Augmented and Virtual Reality](#)

- [FCC Seeks To Enable State-Of-The Art Radar Sensors In 60 GHz Band](#)
- [Mobile industry needs 2 GHz of mid-band spectrum by 2030 - GSMA](#)
- [NTIA Tribal Broadband Connectivity Grant Program](#). Application Deadline: **September 1, 2021**.
- [NTIA Issues Updated Federal Broadband Funding Guide](#)
- [How Does Your State Manage Broadband Efforts?](#)

GIS

- The Summer 2021 update to the [National Transportation Atlas Database](#) released with the new Alternative Fuel Corridors dataset and 11 updated datasets.
- Release of [California Protected Areas Database \(CPAD\) 2021a](#); have incorporated new information on GAP status codes. Read up on our [methods](#) and the [definitions of the four codes](#), then dive in and use the new fields. [Read more about the CPAD release](#)

Miscellaneous

- [Indian Affairs Announces FY 2021 Tribal Tourism Grants Availability](#)
- [President Nez and Vice President Lizer deliver the State of the Navajo Nation Address](#)
- **Aug 10**. New: [EDA Indigenous Communities Webinar](#). FREE! Online.
- [210628 2021 EO 13175 Action Plan - 508.pdf](#) Secretary Mayorkas issued the Department of Homeland Security's 2021 E.O. 13175 Action Plan for Tribal Consultation and Strengthening Nation-to-Nation Relationships
- The White House issued [guidance](#) to agencies yesterday on how to implement Biden's promise that 40% of the benefits from federal energy and environmental spending are directed to "disadvantaged communities."
- [State foresters congratulate Moore as he assumes helm of Forest Service; thank Christiansen for her support and service](#)
- EDA's grant programs under the American Rescue Plan [U.S. Secretary of Commerce Gina Raimondo Announces \\$3 Billion Investment in America's Communities | U.S. Economic Development Administration \(eda.gov\)](#)
- [USDA Forest Service Chief Christiansen Announces Retirement](#)
- [Agriculture Secretary Tom Vilsack Announces Randy Moore as New Forest Service Chief](#)
- [Forest Service Chief Announces New Regional Forester for Pacific Southwest Region](#)
- [Forest Service Announces Key Appointment to Executive Leadership Team](#)

DOI

- [This Week at Interior July 30, 2021](#)
- [This Week at Interior July 23, 2021](#)
- [This Week at Interior July 16, 2021](#)
- [This Week at Interior July 9, 2021](#)
- [Shannon Estenoz Sworn In as Interior Department Assistant Secretary for Fish and Wildlife and Parks](#)
- [Secretary Haaland Highlights Conservation Efforts, Investments in Rural and Tribal Communities during Colorado Visit](#)
- [Assistant Secretary Tanya Trujillo Travels Across Colorado to Hear Directly From Water Users](#)

[Scientists About Drought Effects](#)

- [Principal Deputy Assistant Secretary Bryan Newland Discusses Land Conservation, Economic Development During New Mexico Visit](#)
- [Interior Department Welcomes Additional Biden-Harris Appointees](#)
- [Interior Announces Consultations to Discuss Updates to Native American Graves Protection and Repatriation Act](#)

Infrastructure/Transportation

- [Nevada could adopt low- and zero-emission vehicle programs modeled after California's](#)
- [Transporting New Energy Options Safely is Key for U.S. Economy](#)
- **Aug 10-12.** [Tribal Transit Technical Assistance Training](#). FREE! Online.
- Interstate 11 Final Tier 1 Environmental Impact Statement available for public review. [i11study.com/Arizona](#).
- Tribal Transportation Program Safety Fund. For Native American tribal governments (Federally recognized): For projects in four categories: safety plans; data assessment, improvement, and analysis activities; systemic roadway departure countermeasures; and infrastructure improvement. Due: **September 9**, 2021 [Learn more](#)
- [USDOT, power sector seen as partners in creating infrastructure for net-zero economy](#)
- [Cherokee Nation Joins USDOT Self Governance Program](#)

States:

AZ: [Governor Ducey Announces Buchanan Davis As New Natural Resources Policy Advisor](#)

CA

- [Governor Newsom Meets with New FEMA Administrator on Devastation of Climate Crisis, Signs Resources Budget Trailer Bill](#)
- [California budgets \\$61.5 million for wildlife crossings](#)
- [California Transportation Commission Invests \\$1.18 Billion in Infrastructure Projects](#)

CO

- [Colorado governor urges U.S. Transportation Secretary to distribute transportation grants for Western Slope](#)
- [Colorado Transportation Commission approves \\$238M for statewide needs](#)

NV: [Governor Sisolak announces staffing changes](#)

WGA

- WGA [2021 Annual Meeting](#)
- [Download our new 2021 Annual Report for a recap of the Governors' ongoing policy work](#)
- The latest episode of WGA's [Out West](#) podcast, *Electric Vehicles Roadmap Initiative Special Report*, features Oregon Gov. Kate Brown assessing the results of her Chair Initiative, including targeted recommendations on federal policy issues that affect public and private investments in EV infrastructure across the West. Gov. Brown and WGA Policy Advisor Kevin Moss also discuss the expanded regional agreement, developed during the Initiative, to promote planning and coordination of electric vehicle infrastructure. [Listen to the podcast](#).
- WGA Executive Director Jim Ogsbury recently joined *Hometown California*, the [podcast](#) of the Rural County Representatives of California, to discuss the intersection of WGA's policy work with rural areas in California and across the region.