Western Regional Partnership

**October 2022 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](mailto:amyduffy@westernregionalpartnership.org).

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**In this edition of WRP Monthly updates:**

# 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. Upcoming WRP Activities (please contact [amyduffy@westernregionalpartnership.org](mailto:amyduffy@westernregionalpartnership.org) for more information):

* December 8-9: WRP Principals' Meeting in Phoenix, AZ
* December 16: WRP Tribal Engagement Temporary Working Group Call

Past WRP Webinars:

* [October 26: WRP’s October 26th webinar on Groundwater-Surface Water Interface](https://wrpinfo.org/meetings/wrp-s-october-26th-webinar-on-groundwater-surface-water-interface/):  <https://bah16f18.adobeconnect.com/peajshddahqt/>
* September 16: WRP Energy Committee Webinar on Black Sky/Black Start: <https://bah16f18.adobeconnect.com/pu42y2go4il3/>
* 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/pghxl2u51kw2/>
* 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**

### **DOE**

* [Stronger Supply Chain Links to a Clean Energy Future](https://nrel.us14.list-manage.com/track/click?u=cfb46c07f566f9a82b5fa0488&id=0ef36b0f98&e=0351f58cce)
* [Hydropower Funding Opportunity to Advance Fish Passage Protection Technologies](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjExMDIuNjYwNTkwNzEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2VlcmUvd2F0ZXIvYXJ0aWNsZXMvd3B0by1yZWxlYXNlcy00LW1pbGxpb24tZnVuZGluZy1vcHBvcnR1bml0eS1hZHZhbmNlLWZpc2gtcGFzc2FnZS1hbmQtcHJvdGVjdGlvbiJ9.V-ZNPqIaQAzQ7skzIiz6Cp2gkfjeiSjcRME5BjeWJ_I/s/187069501/br/147254192733-l)
* [DOE Announces $250 Million Investment From Inflation Reduction Act For Domestic Heat Pump Manufacturing](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjExMDIuNjYwNTkwNzEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2FydGljbGVzL2JpZGVuLWhhcnJpcy1hZG1pbmlzdHJhdGlvbi1hbm5vdW5jZXMtMjUwLW1pbGxpb24taW52ZXN0bWVudC1pbmZsYXRpb24tcmVkdWN0aW9uLWFjdCJ9.25H0RY068JjGR6e2dOa6pdIVRB4MHMBO-HkCKgdTwrU/s/187069501/br/147254192733-l)
* DOE [Grid Deployment Office](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjYuNjU2OTU2MzEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2dkby9ncmlkLWRlcGxveW1lbnQtb2ZmaWNlIn0.BtcOsjkHxRoIbwHHTPXvXxCjIF4E05Qlnbv9qRQCFFM/s/1420386858/br/146767058634-l) is administering a $10.5 billion program to enhance grid flexibility and improve the resilience of the power system against growing threats of extreme weather and climate change
* [DOE Invests $14 Million to Enhance Environmental and Wildlife Benefits from Solar Energy Infrastructure](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNzIzMzEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2FydGljbGVzL2RvZS1pbnZlc3RzLTE0LW1pbGxpb24tZW5oYW5jZS1lbnZpcm9ubWVudGFsLWFuZC13aWxkbGlmZS1iZW5lZml0cy1zb2xhci1lbmVyZ3kifQ.b0Qo-rGrz2OEk7CjRKKmvN3mskwHg1YUfHu1X-4_HA4/s/1420386858/br/146194672934-l)
* [Biden-Harris Administration Awards $2.8 Billion to Supercharge U.S. Manufacturing of Batteries for Electric Vehicles and Electric Grid](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNzc1MTEiLCJ1cmwiOiJodHRwczovL2NvbnRlbnQuZ292ZGVsaXZlcnkuY29tL2FjY291bnRzL1VTRUVSRS9idWxsZXRpbnMvMzMzM2E1ZiJ9.DtEPeEimbqiM3C00joSqgU8yF5ENGaOg2fEw_S11uZ0/s/187069501/br/146198272046-l)
* DOE Announces $35 Million in Funding to Advance Tidal and River Current Energy Systems. The full notice of intent is [available on EERE Exchange](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTguNjUzMTkwMzEiLCJ1cmwiOiJodHRwczovL2VlcmUtZXhjaGFuZ2UuZW5lcmd5Lmdvdi9EZWZhdWx0LmFzcHgjRm9hSWQxMTBhY2ViNC0zOTRiLTRhYTItOGMzZS0xMjMyMzAyYzBhYjIifQ.g1fcp83Qus03tuGRkdh9rkevkQjkze9vgIBxZnUBkW8/s/1420386858/br/146134534096-l).
* [DOE Cybersecurity Report: Recommendations to Secure Clean Energy on Nation’s Electricity Grid](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTIuNjUwMzQwMjEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2VlcmUvYXJ0aWNsZXMvZG9lLWN5YmVyc2VjdXJpdHktcmVwb3J0LXByb3ZpZGVzLXJlY29tbWVuZGF0aW9ucy1zZWN1cmUtZGlzdHJpYnV0ZWQtY2xlYW4tZW5lcmd5In0.Qg8AY6tPx5TN6dzg409LuZCJAC0h7dmGIbt7Ir2E_-E/s/1420386858/br/145776326747-l)

### **DOI:** [Interior Department moves forward with leasing provisions mandated in Inflation Reduction Act](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMDcuNjQ4NTc2MjEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ByZXNzcmVsZWFzZXMvaW50ZXJpb3ItZGVwYXJ0bWVudC1tb3Zlcy1mb3J3YXJkLWxlYXNpbmctcHJvdmlzaW9ucy1tYW5kYXRlZC1pbmZsYXRpb24tcmVkdWN0aW9uLWFjdCJ9.J4M90rRq9Mhr01v6ogu1Sg-Cvt5JPYV0cKdvYpHPwb8/s/854461416/br/145464590299-l)

## **State Updates**

**AZ:** [Western Bark Beetle Initiative Grant](https://gn.ecivis.com/GO/gn_redir/T/j76ngrcn7sxh) - NOW OPEN

**CO:**

* Polis Administration's [Roadmap to 100 Percent Renewable Energy by 2040](https://coresiliency.us13.list-manage.com/track/click?u=1d97570d5b1d9d9b89bf4591b&id=d1ba5695a4&e=1278e580ca).
* [Gov. Polis pitches geothermal energy as clean-heating solution in Western governors' initiative](https://www.google.com/url?rct=j&sa=t&url=https://coloradonewsline.com/2022/10/07/gov-polis-pitches-geothermal-energy-as-clean-heating-solution-in-western-governors-initiative/&ct=ga&cd=CAEYACoTNjI4NTI0MDI0MzQ1NzY4MDE2ODIaZjQwZTFiNWZkNDg5ZGQ2Zjpjb206ZW46VVM&usg=AOvVaw28cHV49MGZmi7nbID21_lc)

**UT:** The Ute Mountain Farm and Ranch Enterprise has made moves to capture the dissipated energy through a series of small hydroelectric power plants placed on irrigation lines that serve center-pivot sprinklers on the 7,700-acre farm southwest of Towaoc. [Read more about this innovative project](https://coresiliency.us13.list-manage.com/track/click?u=1d97570d5b1d9d9b89bf4591b&id=87b4f9fc17&e=1278e580ca).

## **Tribal Updates**

* [With renewables, Native communities chart a path to energy sovereignty](https://www.canarymedia.com/articles/energy-equity/power-by-the-people-native-energy-sovereignty)
* [Workforce training increases access to solar and jobs in Navajo communities](https://pv-magazine-usa.com/2022/10/06/workforce-training-increases-access-to-solar-and-jobs-in-navajo-communities/)

# Natural Resources

## **Federal Updates**

### [Climate Change Drives Federal Plans for Resilience](https://click.pewtrusts.org/?qs=961d30f492177be748c9eb0b8c1aee18af0f5cf022395b5cd9e902100ed10ef06acb5779e067cf5a5f606df8a997d40a1e9180dcc4157e70" \t "_blank)

### [Feds to Colorado River States: Reduce Water Usage, or We Will Do It for You](https://link.govexec.com/click/29548629.60945/aHR0cHM6Ly93d3cuZ292ZXhlYy5jb20vbWFuYWdlbWVudC8yMDIyLzExL2ZlZHMtY29sb3JhZG8tcml2ZXItc3RhdGVzLXJlZHVjZS13YXRlci11c2FnZS1vci13ZS13aWxsLWRvLWl0LXlvdS8zNzkxNjcvP29yZWY9Z292ZXhlY190b2RheV9wbV9ubA/542dc73f3b35d0811c8bba13Bbcf15bab)

### [US to reforest the country with 1 billion trees](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=be203f2731&e=e56d7a4004)

### [What to Know About the $350M in New Funding for Wildlife Crossings](https://link.route-fifty.com/click/29441301.15370/aHR0cHM6Ly93d3cucm91dGUtZmlmdHkuY29tL2luZnJhc3RydWN0dXJlLzIwMjIvMTAvd2hhdC1rbm93LWFib3V0LTM1MG0tbmV3LWZ1bmRpbmctd2lsZGxpZmUtY3Jvc3NpbmdzLzM3ODYwOC8_b3JlZj1yZi10aGlzLXdlZWstbmw/542dc73f3b35d0811c8bba13B303738e3)

### [Biden-⁠Harris Administration Advances Commitment to Create More Equitable Access to Parks and Nature](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNzIzNjEiLCJ1cmwiOiJodHRwczovL3d3dy53aGl0ZWhvdXNlLmdvdi9jZXEvbmV3cy11cGRhdGVzLzIwMjIvMDkvMjMvZmFjdC1zaGVldC1iaWRlbi0lRTIlODElQTBoYXJyaXMtYWRtaW5pc3RyYXRpb24tYWR2YW5jZXMtY29tbWl0bWVudC10by1jcmVhdGUtbW9yZS1lcXVpdGFibGUtYWNjZXNzLXRvLXBhcmtzLWFuZC1uYXR1cmUtaW4tY29tbXVuaXRpZXMvIn0.fyZth40JNipbwvQAbHO8VeoJ7z6M6UTb2rqcBIuuoZI/s/1420386651/br/146186034871-l)

### [Departments of the Interior and Agriculture Announce Members of Federal Council to Support Hunting, Conservation Efforts](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNzIzNjEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ByZXNzcmVsZWFzZXMvZGVwYXJ0bWVudHMtaW50ZXJpb3ItYW5kLWFncmljdWx0dXJlLWFubm91bmNlLW1lbWJlcnMtZmVkZXJhbC1jb3VuY2lsLXN1cHBvcnQtaHVudGluZyJ9.IKJnbsJ7EhpNh05ZfCSWCqNpAQktfG-dtKPZAgwOsL8/s/1420386651/br/146186034871-l)

### A new federal website offers information that helps communities understand the real-time climate-related hazards in their area. The [Climate Mapping for Resilience and Adaptation portal](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNTMwNzEiLCJ1cmwiOiJodHRwczovL3Jlc2lsaWVuY2UuY2xpbWF0ZS5nb3YvP3V0bV9tZWRpdW09ZW1haWwmdXRtX3NvdXJjZT1nb3ZkZWxpdmVyeSJ9.ZzSpTs08W3OgB_vQxCfGqUm7kK_oddbaB-mVwlkLGE4/s/1821941275/br/146165474592-l) also offers information on developing equitable climate resilience plans to protect people, property, and infrastructure.

### [Biden unveils plan to pay farmers and cities for Colorado River water cuts](https://www.bing.com/ck/a?!&&p=da73edd9285520e7JmltdHM9MTY2NTYxOTIwMCZpZ3VpZD0yYjk2ZmQ3OS1lYzliLTZmN2ItMGMyMS1lYzg4ZWRlNDZlNzImaW5zaWQ9NTE2NQ&ptn=3&hsh=3&fclid=2b96fd79-ec9b-6f7b-0c21-ec88ede46e72&psq=Biden+unveils+plan+to+pay+farmers+and+cities+for+Colorado+River+water+cuts&u=a1aHR0cHM6Ly93d3cuY25iYy5jb20vMjAyMi8xMC8xMy9iaWRlbi11bnZlaWxzLXBsYW4tdG8tcGF5LWZhcm1lcnMtY2l0aWVzLWZvci1jb2xvcmFkby1yaXZlci1jdXRzLS5odG1s&ntb=1)

### [Forestry Leaders Lack Resources to Use New Funds](https://click.pewtrusts.org/?qs=8093f408424faa41f2c10e6fa5a317c54ba75328390a2c535f51c3187545e5addff55504959d1b665fce8073c2752622892888f719364d60)

### **DOI**

* [Secretary Deb Haaland and White House Senior Advisor and Infrastructure Coordinator Mitch Landrieu Instagram Live](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjQuNjU1OTA4NDEiLCJ1cmwiOiJodHRwczovL3d3dy5pbnN0YWdyYW0uY29tL3R2L0NqM1V0NHpwc0tBLz91dG1fc291cmNlPWlnX3dlYl9jb3B5X2xpbmsifQ.ZRr-MetN3ZVecX89oGhxxf-ePTPI-u2euIiSD8CUndE/s/1420386651/br/146636254183-l)
* [BIL to conserve ecosystems, clean up legacy pollution sites across the country](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjEuNjU1MTE0NzEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ByZXNzcmVsZWFzZXMvcHJlc2lkZW50LWJpZGVucy1iaXBhcnRpc2FuLWluZnJhc3RydWN0dXJlLWxhdy1jb25zZXJ2ZS1lY29zeXN0ZW1zLWNsZWFuLWxlZ2FjeSJ9.Hxn3AgGF4f9ADgdx31ZvyzbhjqGXXvXeZu8-aPkVdjU/s/854461416/br/146587535625-l)

### **DOI-BLM:** [Since its passage in 1976, FLPMA has helped the BLM meet the moment](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjEuNjU1MTE0NzEiLCJ1cmwiOiJodHRwczovL3d3dy5ibG0uZ292L2Jsb2cvMjAyMi0xMC0xOS9pdHMtcGFzc2FnZS0xOTc2LWZscG1hLWhhcy1oZWxwZWQtYmxtLW1lZXQtbW9tZW50P2ZiY2xpZD1Jd0FSMGJLUEdBZkpTcUwwUTd2Y0Vfc2dNYXNuMTVraVZlMlF2V29yc05tcko4dGU0ZG5RTFctRmNzY2prIn0.onARDFkWO64eW7nd-q8OL_0MHJcoj_mRKSomVUvCBmQ/s/854461416/br/146587535625-l)

### **DOI-USFWS:** [U.S. Fish and Wildlife Proposes Revisions to Eagle Permit Rules, Including General Permits for Qualifying Wind Energy Projects, Power Lines, and Disturbance and Nest Take](https://www.stoel.com/legal-insights/legal-updates/u-s-fish-and-wildlife-proposes-revisions-to-eagle)

### **DOI-Bureau of Reclamation**

* On Friday, October 28, the US Bureau of Reclamation (Reclamation) announced the initiation of an expedited process for developing a “Supplemental Environmental Impact Statement (SEIS)” on proposed revisions to the December 2007 Record of Decision relating to the Colorado River Interim Guidelines. The SEIS will lay out options to address the troubling operating conditions facing the river system now and in the future. Public comments submitted by December 20 will be reflected in the draft SEIS to be released next spring, with the final expected in late summer. Revisions to the current interim operating guidelines will apply as early as 2023-2024. Current operating rules date to the 2007 guidelines as amended in 2019. When reservoir levels fall below specified elevations, larger and larger cuts in water allocations are taken. Those rules will expire after 2026, and most observers believe immediate action is needed because the 2026 deadline for negotiating new rules is too late. [Read More](https://r20.rs6.net/tn.jsp?f=001TTuUW_auATK0SSiJgMVAVDorIKgo9iOq7mEeJiqIw4vQocIK7NNHJIHX-38nXcfG6G4pWnRcBo1O7G8A3ikWz0JoJ_VXu0bLX1FBzyPnD8quIf3Br7KQz9ZJCURgMclDP1_03Z3NxLOvEakqwB8e0PGPEFGLjDq7AZmswz4QvanXJlBnHfwF3m43cqwwEDrwiVcaJnd-qqKQqt4aSZZF6q5IP2Vo_upcdrV0Fqrg5lo=&c=vi1ZrdR0QP9M6dept867I09fois7DfsuZY7u-IeJAQSQ3PVpuYjhHA==&ch=MizgeyDoQh-5UWXwTLcd3zWQzrjah0rHFoxJ2Qv7z4LUNFTx9RW8QA==)
* The Department of the Interior Bureau of Reclamation awards $210 million in water storage and conveyance projects in the West, including three projects in California. [Learn more](https://r20.rs6.net/tn.jsp?f=001iflNGa0IWbsZAawVLqvDEriG--hfG1M5bvTzd4X-Oti0PjQlFAlRGghJDCcOuCJWlS4FhLIWRXCLObEN_KklexEr3I5UrIGeRgeExfxhpZ30yQAqUH_X3VHbMnqOtnUdmMfKrsF0meFZAnXpK4n8VU1yXWrIxwFL0EFyl1M_aHm2xa6AtaNl8w==&c=YaWgsGaCOEPUjRYX4aQrod0yi9_sAzHcpYjbd9xJ7o90THfmkhgs6Q==&ch=o-wKFor1WdC-bewOgQXjBkK6UQmnwh6BT7yOv9yB9ysdP260-6ZErg==)

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### **DOI-USGS**

* For the first time in more than 20 years, the U.S. Geological Survey (USGS) has [released a new water cycle graphic](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjYuNjU2OTU5NTEiLCJ1cmwiOiJodHRwczovL3d3dy51c2dzLmdvdi9uZXdzL25hdGlvbmFsLW5ld3MtcmVsZWFzZS9uZXctdXNncy1kaWFncmFtLXJlLWVudmlzaW9ucy1ob3ctZWFydGhzLW1vc3QtcHJlY2lvdXMtY29tbW9kaXR5LWN5Y2xlcz91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.vq9AI8iJtP_jOxR-DDx53eEt7DVE6Bp-bMRs9kpshfM/s/1821941275/br/146759135981-l). The [updated, comprehensive diagram](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjYuNjU2OTU5NTEiLCJ1cmwiOiJodHRwczovL2xhYnMud2F0ZXJkYXRhLnVzZ3MuZ292L3Zpc3VhbGl6YXRpb25zL3dhdGVyLWN5Y2xlL2luZGV4Lmh0bWw_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5Iy8ifQ.PS3WYSqkS8VN4WVyhvUtoXYkeu4hqErrnVZPCP75uZo/s/1821941275/br/146759135981-l) depicts how the Earth’s water moves and is stored. Unlike previous USGS diagrams, this depiction brings the human element into the picture, showing the water cycle as a complex combination of smaller cycles that people interact with and influence. A [video of the new graphic’s release event](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjYuNjU2OTU5NTEiLCJ1cmwiOiJodHRwczovL3d3dy51c2dzLmdvdi9tZWRpYS92aWRlb3MvbmV3LXdhdGVyLWN5Y2xlLWRpYWdyYW0tcmV2ZWFsZWQ_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.vq5D6hSiqkZIGeIxxksLYq-LCbBD34nhLwNcQq6610Y/s/1821941275/br/146759135981-l) is available on the USGS website.
* [US Geological Survey Works with Partners in 15 Cities to Improve Urban Waterways](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNzIzNjEiLCJ1cmwiOiJodHRwczovL3d3dy51c2dzLmdvdi9uZXdzL25hdGlvbmFsLW5ld3MtcmVsZWFzZS91c2dzLXdvcmtzLXBhcnRuZXJzLTE1LWNpdGllcy1pbXByb3ZlLXVyYmFuLXdhdGVyd2F5cyJ9.Kw35YDVJVSR77h3eKngLNrGuf7kFfRqSSGjhQ5654UY/s/1420386651/br/146186034871-l)

### **EPA**

* EPA awards over $9 million to the California Water Boards to support implementation of its nonpoint source pollution management program plan. [Learn more](https://r20.rs6.net/tn.jsp?f=001iflNGa0IWbsZAawVLqvDEriG--hfG1M5bvTzd4X-Oti0PjQlFAlRGghJDCcOuCJWT8osOn2Wt2rkqMPPmZrLyBiKfqPLXAsBdImnJd6FA5m76GX7sVZWjD4lwMdUJwCdyKyMEZnvqUOYv5SVC7tHkrRpkCmAAcA_WhiobKbLutaDAqWSVFHVlDFeZ3t9IJp5yxzyqCr2gc21_OAPpALoX6qIjvt7Puxmz_6FTotGpWdMDVcEh98HYd8TYc2P8SluenFuO-ucZjrOFGo1gxVXjg==&c=YaWgsGaCOEPUjRYX4aQrod0yi9_sAzHcpYjbd9xJ7o90THfmkhgs6Q==&ch=o-wKFor1WdC-bewOgQXjBkK6UQmnwh6BT7yOv9yB9ysdP260-6ZErg==)
* EPA publishes a fact sheet on the $1.5 billion of funding for its Brownfields Program from the Bipartisan Infrastructure Law (BIL). [Learn more](https://r20.rs6.net/tn.jsp?f=001p2gG0kB1172_5tbsPcbmZN-YMqDSMSi3qCmspgXpbS6gIowrD7jtqqFetMMMnIzkzWNd_OLo6G23NUPRJD8qlqzzXnhOhYb7tgv1dO8QpXt6Rf0ILUyXAtpMvy5En5vSg52TbRezSjfqcpsZtKdVEUH4gNM-fHEN6UEQHTB_NlT0QaRR5yYKdo-AXfvDY086lqlFWnNzJq3LsSD_nPsUXWnfsgJ0HLAIZSG7JrjkCYs=&c=dF9Q3sPCOMUD299TpXKvcQMgRqKnSQVfMtWdK05cutWv6IqEW9e06Q==&ch=luSr_oHGG8rM7Ru_RmzDRfFYJT-qUb8tseuGC4zpRnjLoDtNLL6T3w==)
* [Read the 20 Climate Adaptation Implementation Plans that were developed by EPA’s major offices.](http://url6130.epa.mediaroom.com/ls/click?upn=-2BroytcZInNRyuFbAvAoN5fKoHhktcUp4Mk5gk-2BFPG13H2IBq0k2Y5p2-2BXVOF-2F39Ye-2FfRHZI0lYrSotWJB9Zhi3GjeBRVvoJjsm2gdhNWsg0-3DRzXR_AaQ4O2nolm4SzV0duT1lOPqcWDrFUWLTEL7jouypXbloZLC-2BQee4dgBZZemKYw7kmQ4H3sQNpTvC92Y0M0T1yEFVNTEpz-2FHYiGc5aZybBtfcKD6Fx-2F5sI7WqI8NOqTh264unl2pjzj-2Fkkqgj4VQAY-2BOxmUI74N0aauWaUFGwkafXMuaHTov0OQGOBCsANdgW74zZHZ8d6gMAGrXjxmZk-2BtIeIq9DAbKB-2FzfKNWSaQqx1nWLSSHp8psQlcqanKzziqSkC7fb7FewmG0-2FebNmNRg-3D-3D)

### **USDA**

* To work collaboratively to scale-up the implementation of management actions in the field for the prevention of introductions or spread, prevention of damage, early detection of introductions, rapid response and eradication of invasive forest insects, worms, pathogens, and plants. Due: February 3, 2023. [Learn more](https://r20.rs6.net/tn.jsp?f=001iflNGa0IWbsZAawVLqvDEriG--hfG1M5bvTzd4X-Oti0PjQlFAlRGghJDCcOuCJW7SqEn7Uf-nUkMsXSXxgR8Q-nvu995WKyBkud1PomOjrHRUHeg2p5EsVQAjkGUx1_et_tid4KFKuIIX5Mb_aK4h4h2mq3vt-keovjFzFT9hFA1OrYTEkAr-3e5VyTjw6ZLvimufXbXYsUJa62bPtMug==&c=YaWgsGaCOEPUjRYX4aQrod0yi9_sAzHcpYjbd9xJ7o90THfmkhgs6Q==&ch=o-wKFor1WdC-bewOgQXjBkK6UQmnwh6BT7yOv9yB9ysdP260-6ZErg==)

### **NOAA:** [NOAA sees no drought relief over winter](https://www.eenews.net/articles/noaa-sees-no-winter-drought-relief-across-parched-west/)

## **State Updates**

**AZ**

* [Governor Ducey Picks Water, Finance Experts for Historic Water Infrastructure Board](https://azgovernor.gov/governor/news/2022/10/governor-ducey-picks-water-finance-experts-historic-water-infrastructure-board)
* [Western Bark Beetle Initiative Grant - NOW OPEN](https://dffm.az.gov/grants/forest-health/western-bark-beetle-initiative-grant-program)

**CA**

* [From California: Wooden high rises? San Diego hopes 'mass timber' can help with climate goals](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=afe1c5d03c&e=e56d7a4004)
* A [recording has been posted](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjExMDIuNjYwNDgxMjEiLCJ1cmwiOiJodHRwczovL2NhZHdyLmFwcC5ib3guY29tL3MvOWQyNm5ubnpxdWpmMG9vYzJwd3pnY2V6eDh6a3g0Y3gvZmlsZS8xMDUxNDg3MjIyNzIzP3V0bV9tZWRpdW09ZW1haWwmdXRtX3NvdXJjZT1nb3ZkZWxpdmVyeSJ9.7mRzDqCLXAA4czPKGfwKcWboXZohtrzS-nPVmHj1-Xo/s/1821941275/br/147231585278-l) of [last week’s worksho](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjExMDIuNjYwNDgxMjEiLCJ1cmwiOiJodHRwczovL2NhZHdyLmFwcC5ib3guY29tL3MvOWQyNm5ubnpxdWpmMG9vYzJwd3pnY2V6eDh6a3g0Y3g_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.0tNPnvfGoc0IuKCblmXKkyigF0JCGhAuVtolIvy33HE/s/1821941275/br/147231585278-l)p on content being developed for [California Water Plan Update 2023](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjExMDIuNjYwNDgxMjEiLCJ1cmwiOiJodHRwczovL3dhdGVyLmNhLmdvdi9Qcm9ncmFtcy9DYWxpZm9ybmlhLVdhdGVyLVBsYW4vVXBkYXRlLTIwMjM_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.PFi7tAef4J75lLjxKUq1R2zu0mLpzxo0Hmgtug_nAd4/s/1821941275/br/147231585278-l) (Update 2023).
* [New California Law Protects Wildlife and People](https://click.pewtrusts.org/?qs=b429b9d1b71d9d0715c5e31e4ce357096964c3980f63c65f588ec9004c6bced20e70f57e8c339f2430dcb57d57706bd6c61da8c6b49a1aeb)
* [As drought drives prices higher, millions of Californians struggle to pay for water](https://click.pewtrusts.org/?qs=8469587023f6bc76b064c6f51ac1300d6b256fd9b875d05efe86a42795d997d210d957a5be52a203e586e3e7b00efee77990fa28b81cf7e5)
* Comments are being accepted on the [draft *Assumptions and Estimates for California Water Plan Update 2023*](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNTMwNzEiLCJ1cmwiOiJodHRwczovL3dhdGVyLmNhLmdvdi8tL21lZGlhL0RXUi1XZWJzaXRlL1dlYi1QYWdlcy9Qcm9ncmFtcy9DYWxpZm9ybmlhLVdhdGVyLVBsYW4vRG9jcy9VcGRhdGUyMDIzL1ByZVBSRC9DV1AtRHJhZnQtQUUtMjAyMy5wZGY_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.lEwGbkcjBH1-XPF3NBjwU5fY5vhRigLawbRs01GZbGY/s/1821941275/br/146165474592-l). A preview of the draft report was offered during a DWR webinar held yesterday. A [video of that 90-minute webinar](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNTMwNzEiLCJ1cmwiOiJodHRwczovL2NhZHdyLmFwcC5ib3guY29tL3MvNnFhMHdueWJ0MTg4N2xtbm51aXVrem95NHpkeGh3amE_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.rJZ7TccYB5JLa31sYGEcPzKjg5lMzwyy4SHI8fQHD04/s/1821941275/br/146165474592-l) is available on the DWR website. Instructions for submitting comments are on the [inside front cover](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTkuNjUzNTMwNzEiLCJ1cmwiOiJodHRwczovL3dhdGVyLmNhLmdvdi8tL21lZGlhL0RXUi1XZWJzaXRlL1dlYi1QYWdlcy9Qcm9ncmFtcy9DYWxpZm9ybmlhLVdhdGVyLVBsYW4vRG9jcy9VcGRhdGUyMDIzL1ByZVBSRC9DV1AtRHJhZnQtQUUtMjAyMy5wZGY_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5I3BhZ2U9MiJ9.NkqydIq1fYs-YsgLbYuLAhvSv5lWbJ-nH2YOwzLcXKc/s/1821941275/br/146165474592-l) of the report. The comment deadline is Friday, Nov. 18
* DWR is accepting applications for [$510 million in funding to provide drought relief](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTIuNjUwMDkzMzEiLCJ1cmwiOiJodHRwczovL3dhdGVyLmNhLmdvdi9OZXdzL05ld3MtUmVsZWFzZXMvMjAyMi9PY3QtMjIvRFdSLU5vdy1BY2NlcHRpbmctQXBwbGljYXRpb25zLWZvci01MTAtTWlsbGlvbi1pbi1GaW5hbmNpYWwtQXNzaXN0YW5jZT91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.iOx_Oq1_Uj-GTsfoMZBpdu4QEBtrERZIxTt0_w5X6wU/s/1821941275/br/145736519725-l). Most of the funding will be distributed through the [2022 Urban Community Drought Relief Grant Program](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTIuNjUwMDkzMzEiLCJ1cmwiOiJodHRwczovL3dhdGVyLmNhLmdvdi9XYXRlci1CYXNpY3MvRHJvdWdodC9VcmJhbi1Ecm91Z2h0LUdyYW50P3V0bV9tZWRpdW09ZW1haWwmdXRtX3NvdXJjZT1nb3ZkZWxpdmVyeSJ9.YoqxcgeqpmHerk9mDaBSrmY_VV8tUB6B6-VPqw9o7bQ/s/1821941275/br/145736519725-l). Other funding, to help regional groundwater agencies, will be available through the [Sustainable Groundwater Management Grant Program](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTIuNjUwMDkzMzEiLCJ1cmwiOiJodHRwczovL3dhdGVyLmNhLmdvdi9Xb3JrLVdpdGgtVXMvR3JhbnRzLUFuZC1Mb2Fucy9TdXN0YWluYWJsZS1Hcm91bmR3YXRlcj91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.7Yki5JNqPkeT-eAf21lWmIteFfQWRv11x0BWGQNxXYU/s/1821941275/br/145736519725-l); and $10.7 million in grants will be provided through the [Delta Drought Response Pilot Program](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTIuNjUwMDkzMzEiLCJ1cmwiOiJodHRwOi8vZGVsdGFjb25zZXJ2YW5jeS5jYS5nb3YvZ3JhbnQtcHJvZ3JhbS9kZWx0YS1kcm91Z2h0LXJlc3BvbnNlLXBpbG90LXByb2dyYW0vP3V0bV9tZWRpdW09ZW1haWwmdXRtX3NvdXJjZT1nb3ZkZWxpdmVyeSJ9.uJRfIdWY6cM_KRxTC0UZvJg3PP9hfvzq4K6EgFyqQjY/s/1821941275/br/145736519725-l).
* DWR has released the latest version of [California’s Groundwater Conditions, Semi-Annual Update](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTIuNjUwMDkzMzEiLCJ1cmwiOiJodHRwczovL2RhdGEuY25yYS5jYS5nb3YvZGF0YXNldC9jYWxpZm9ybmlhLXMtZ3JvdW5kd2F0ZXItc2VtaS1hbm51YWwtY29uZGl0aW9ucy11cGRhdGVzL3Jlc291cmNlLzdlNTc2MTRmLTk4NjgtNGQyZS1iYmI4LTA2MjFiZTU1OGI5Yz91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.QM7BxJJigWpJxEUFPozeYNO3Vcd3Lk2TZCH2Nng8J2Q/s/1821941275/br/145736519725-l). It is one of several elements that provide information under the umbrella of [California’s Groundwater](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTIuNjUwMDkzMzEiLCJ1cmwiOiJodHRwczovL3dhdGVyLmNhLmdvdi9wcm9ncmFtcy9ncm91bmR3YXRlci1tYW5hZ2VtZW50L2J1bGxldGluLTExOD91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.GPpeg9bFw3ZVqDIgHO_x4j1w2MhY9w3rmXLX-25gqR4/s/1821941275/br/145736519725-l), also known as DWR Bulletin 118. More groundwater information is available on [California’s Groundwater Live](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTIuNjUwMDkzMzEiLCJ1cmwiOiJodHRwczovL3NnbWEud2F0ZXIuY2EuZ292L0NhbEdXTGl2ZS8_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.ZNG2kiF4aHX_0-djaQ7b1zTwePT72o-bqFVtkVJeT-4/s/1821941275/br/145736519725-l), a website that is updated daily and includes data on groundwater conditions, well infrastructure, and land subsidence.
* [California's opening bid won't solve the Colorado River crisis alone](https://www.politico.com/news/2022/10/11/californias-opening-bid-wont-solve-the-colorado-river-crisis-alone-00060851)
* [California offers to cut Colorado River water use](https://www.cnn.com/2022/10/05/us/california-colorado-river-water-cut-climate/index.html)
* [California agencies float Colorado River water cuts proposal](https://apnews.com/article/california-colorado-river-us-department-of-the-interior-climate-and-environment-7aeed34a3e619e989f407d003383715d)
* [California Takes Leading Edge on Climate Laws. Others Could Follow.](https://click.pewtrusts.org/?qs=a2a44bfe927907d1069221d2772a972ffbe1aaa47934e9e33847aa8a7f1c6ebd94d87c733e0f3824ed78f3f6d8078d9a7acf18fb96605d9a)

**CO**

* Colorado water regulators gave preliminary approval to rules last week that would regulate what’s known as “direct potable reuse,” which involves treating sewage and send the recycled water directly to taps, the Associated Press [reports](http://click1.trk-washingtonexaminer.com/jbmrspzvjjnwfnsjwtzvtwzkhvwptqdqhcvhnztbbtvqfq_xcjvphgjbvvtdbbbhjgddc.html?a=Daily+on+Energy+102122&b=10%2F21%2F2022&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94).
* [Colorado's Camp Hale-Continental Divide Now a National Monument](https://click.pewtrusts.org/?qs=2e1320d55fa1c0690c9581a1d88acbe8f8e7a0537ae3718e56ddd3adf24ff8c270042f1ae768d4ab48e453cfea02fa49eab676f92198431f)

**NM:** [In New Mexico, Partners Collaborate to End Siege from Megafires](https://circleofblue.us1.list-manage.com/track/click?u=cb4d96410aa2ebf5c8d0b17a3&id=e4bdec9ce4&e=fc9532f654)

## **Tribal Updates**

## [Indicators of Climate Change: Impacts on California Tribes](https://oehha.ca.gov/climate-change/general-info/indicators-climate-change-impacts-california-tribes)

## [For Tribes, Reforesting Means Reconnecting to History, Culture](https://click.pewtrusts.org/?qs=3d2db9cadefd8803f42099515da58eadbe892c05762ca8f3b9ca777111d899080ca69a42bdb1eea4cabc4abd4742e7026e4021c34c43e69a)

## **Regional Updates**

* [Attached](https://r20.rs6.net/tn.jsp?f=0011Ib91apUfivXpvFrItODM2pgYbJ9ufImNpZlPB0MWdJ2MUS3KBBmdWh4GCVoZunGxl-MPHh5I6iFjayS5Im86MBIRHZwM9iHqPzr9hXPRSzOb6ZCvmSALlUDk6mcehOnxgXSvyGOetRWxurhjMmy8CpPGV2Q7hdh_vmlKyxuSk2YBpVkVSC3GVxiKlbbTiaRXhcSVgOqfg6-50jtnzp4opplg9WY2WHHH81keZi2Kgy60---4se-Sg==&c=4CvTsbcWRPac3pZxgSEXi-tSxTjdnDWLgmE3ENbi15jFvlfWcCPOhA==&ch=3kq87Aubca8KXYBpH1v5SCkyRy6o8djCvtnHuiRovQP0mTGM-UedNQ==) is the latest newsletter publication of the Fort Huachuca Sentinel Landscape Partnership's Communication Working Group.
* National Association of Conservation Districts (NACD) announced the launch of its application period for the [2023 Friends of NACD District Grants Program](https://api.neonemails.com/emails/content/660UH08uHFrlRxVkLe6iyTgCDSC3e8-XNVjQBZ4qdMU=)
* [Supreme Court looks for middle ground on 'adjacent wetlands'](https://www.agri-pulse.com/articles/18327-supreme-court-looks-for-middle-ground-on-adjacent-wetlands)
* The California Natural Resources Agency and the U. S. Department of Agriculture Forest Service, along with support from [Google.org](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjExMDIuNjYwNDgxMjEiLCJ1cmwiOiJodHRwczovL3d3dy5nb29nbGUub3JnLz91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.KalEyo6bsvIM6N82g4z4fCToDnFXaA2-o3h39C-LqVo/s/1821941275/br/147231585278-l), have developed a new [wildfire resilience planning tool](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjExMDIuNjYwNDgxMjEiLCJ1cmwiOiJodHRwczovL3Jlc291cmNlcy5jYS5nb3YvTmV3c3Jvb20vUGFnZS1Db250ZW50L05ld3MtTGlzdC9DTlJBLWFubm91bmNlcy10b29sLXRvLUltcHJvdmUtV2lsZGZpcmUtUmVzaWxpZW5jZT91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.W3wOLvuJsWHXWE0GwERjPxjvLiGy2ICbOkVIZgTqIk8/s/1821941275/br/147231585278-l). [Planscape](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjExMDIuNjYwNDgxMjEiLCJ1cmwiOiJodHRwczovL3d3dy5wbGFuc2NhcGUub3JnLz91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.vShB_13nB6pzj5Vx3gwGPDsRkO9Ci2F9tcOPEwxI8VU/s/1821941275/br/147231585278-l) uses State and federal resilience data to create user-friendly models that will be accessible to land planners.
* [2022 Election: Water Regulation and Spending Punctuate State and Local Ballots](https://circleofblue.us1.list-manage.com/track/click?u=cb4d96410aa2ebf5c8d0b17a3&id=90fafe92b5&e=fc9532f654)
* The National Fish and Wildlife Foundation just released its Migrations RFP and is actively looking for tribal participation again this round. Here is a link to the funding opportunity.  <https://www.nfwf.org/programs/rocky-mountain-rangelands/western-big-game-seasonal-habitat-and-migration-corridors-fund/western-big-game-seasonal-habitat-and-migration-corridors-fund-2023-request-proposals> Full Proposal Due Date Tuesday, November 8th,
* Collaborative Conservation and Adaptation Strategy Toolbox (CCAST). Non-Native Fish Management in the San Juan River. Date: Tuesday, November 8th, 2022. Time: 11:00 AM Pacific/12:00 PM Mountain/1:00 PM Central/2:00 PM Eastern. Zoom Webinar Registration: [https://arizona.zoom.us/meeting/register/tZYscu-orDIqE9CdS\_bSUOZ5gI\_JC1ClMGxm](https://usbr.us7.list-manage.com/track/click?u=dee828a4e91f9006e3eef293c&id=24a32994cf&e=57c4211ac9)
* [The West's Biggest Source of Renewable Energy Depends on Water. Will it Survive the Drought?](https://link.route-fifty.com/click/29428656.20375/aHR0cHM6Ly93d3cucm91dGUtZmlmdHkuY29tL2luZnJhc3RydWN0dXJlLzIwMjIvMTAvd2VzdHMtYmlnZ2VzdC1zb3VyY2UtcmVuZXdhYmxlLWVuZXJneS1kZXBlbmRzLXdhdGVyLXdpbGwtaXQtc3Vydml2ZS1kcm91Z2h0LzM3ODY2OC8_b3JlZj1yZi10b2RheS1ubA/542dc73f3b35d0811c8bba13Bb8a63ed2)
* [Satellites Help Secure the Country's Ancient Animal Migrations](https://click.pewtrusts.org/?qs=2e1320d55fa1c069bd9dda64af47590e9a0c01e9b1534b122d806f6646348b35b0170af9eb85bffad5fe4675558ec53d8a3e241aacf15e08)
* NFWF has new funding this year in RESTORE Colorado from the Walton Family Foundation that is focused on funding process-based wetland and riparian restoration projects in the Colorado River Basin, with an ultimate goal of recharging local aquifers, extending spring runoff later into the season, and providing habitat and fire refugia for native fish and wildlife species. This initiative is part of Walton’s efforts to implement the Ten Strategies for [Climate Resilience in the Colorado River Basin](https://www.tenstrategies.net/) report published last year. The Southwest Rivers Headwaters Fund also has dedicated funding from the Trinchera Blanca Foundation for a wider suite of aquatic habitat efforts in in the Rio Grande headwaters focal area. [RESTORE Colorado 2023 RFP](https://www.nfwf.org/programs/rocky-mountain-rangelands/restore-colorado-program/restore-colorado-2023-request-proposals) (applications due Nov 10; webinar recording available [here](https://register.gotowebinar.com/recording/5335183786821938177)) [Southwest Rivers Headwaters Fund 2023 RFP](https://www.nfwf.org/programs/southwest-rivers-headwaters-fund/southwest-rivers-headwaters-fund-2023-request-proposals) (applications due Nov 3; recording available [here](https://nfwf.sharefile.com/share/view/s52d6a453ce8a4a5fa939799459340c4e))
* [Why a Power Line Project Can Take 14 Years to Permit](https://link.route-fifty.com/click/29289963.24376/aHR0cHM6Ly93d3cucm91dGUtZmlmdHkuY29tL2luZnJhc3RydWN0dXJlLzIwMjIvMTAvYmlkZW5zLXBlcm1pdHRpbmctcHJvYmxlbS8zNzgwOTkvP29yZWY9cmYtdG9kYXktbmw/542dc73f3b35d0811c8bba13B052586e2)
* [Mine Cleanup Law Weakened By Coal’s Decline](https://circleofblue.us1.list-manage.com/track/click?u=cb4d96410aa2ebf5c8d0b17a3&id=1947241c27&e=fc9532f654)
* [The President and Congress Deliver $11 Billion for Abandoned Mine Cleanups](https://circleofblue.us1.list-manage.com/track/click?u=cb4d96410aa2ebf5c8d0b17a3&id=46c6ec74e5&e=fc9532f654)

**WestFAST:** WestFAST October 2022 Newsletter is posted to the WSWC [website](https://westernstateswater.org/westfast-newsletters/2022/westfast-october-2022-newsletter/): EPA Recognizes WaterSense Partners Promoting Water Efficiency, Cost-Savings Since 2006; Biden-Harris Administration Announces New Steps for Drought Mitigation Funding from Inflation Reduction Act; Biden-Harris Administration Announces $210 Million for Drought Resilience Projects In the West; New U.S. Geological Survey water cycle diagram re-envisions how Earth’s most precious commodity cycles the planet; and more.

**WRRC**

* WRRC hosted William Alley, director of Science and Technology at the National Ground Water Association, to provide an overview of his recently published book, The Water Recycling Revolution: Tapping into the Future. [View the Recording](https://r20.rs6.net/tn.jsp?f=001LJR3gEpG4V2VVl1Fg9wAUxOwBwzPOP2RzvssgY0yN5IM_ki-EzqC5qaHcyy_CBtfrGc2XWXSKWWVHk6ww_YD_we_Y8H75B9FB05FjNfkMlBOyiPfptzIS8QmLVGaWa0aXW0BppgZLySBFbxEvKnQAV8bndWf4107tKSS5I6jEsMTSP5RcguGwIEeBcSBN6VIwo77E709HH_VY-RFBTLw0DDYXTq_E9VocD7TEAryOlXDQ-7B818jUPEFYNCMVveA&c=m4aSJLogssGJ9JccMuMWKsyib8C0XhvaAVfliMzmFDa1YOOHIN646w==&ch=bVDvhJEVN05hdu-LuH-jWGaYy5-p3dBNcQG2iWaot4WiPiSLgFEorA==)
* Nov 18: [WRRC Brown Bag Webinar: Watershed Collaboration in the Tucson Basin: Santa Cruz Watershed Collaborative Adopts a Watershed Restoration Plan to Promote Flowing Rivers](https://r20.rs6.net/tn.jsp?f=001-OopmP6EAJugF1a2TxVABQS4nSS0X7qULn3fnT9dMTyoRxfSEnI4ZWRsGMXtr6TSAa0GxIzQ1JePcEjpqQphsUZGrp5mCWNFL-R-0FWCSJa4Iul3XBV9WdGyIAppfLFlHZY2XitOpEy3LS8TByBtxFyAlFJpnStk1UzP33h3O3E=&c=E3XlWWk1mqrGhUrqvfj4P4A5kWxdewsd3EP1HJg3tHgRXkvpBzdn6Q==&ch=2W3czG0WUfs1B7bXYm-UtyegL2URpDsxqtnDIn639FREOMO4IWvI_Q==)
* [WRRC Weekly Wave October 28, 2022](https://r20.rs6.net/tn.jsp?f=001aEkiHfpeUWzgFVu5c7KDUOkC5YYTBh7IP1h3kMXLRMVxE7abJsrjfidiwRwsPQKznUVnMEO1htQfS414alCpjakDK-VtJ8lpl3eTl4RhAnmvsuwZDcRbM76PiTH58i4N62mfz-f3D2wDvMjtTypAAQ==&c=VEET1xufYxn0f1Co2lF41amma2c0LxIvuE5eIheA72D8IR3njp8SAg==&ch=kgKXIpp41HI3wjTQDDm6W091LwdYZmBsa0_OPkAWmdfDdKvGq0Gsmw==)
* [WRRC-Weekly Wave – Oct 14, 2022](https://r20.rs6.net/tn.jsp?f=0017z37sy80p1W7_roL2Ar9Jw34fBPoLcqAJMwV3TheMBjQ_cjMJqOkFnvq40wCvulTSZZRXQt-1E8NkwETI2ksWFOEeI1133NHAOpLwR9vC-GlGFDZX2sMaZ7KEbraBHPorop92CXq0aT3kkEChbwnAg==&c=ndvozB-1Zh7zQGkMAMU7E0dIMV6UDXKHiVJcoXKZyI7dcFuh7agHVw==&ch=7YwGGy0IbJw2xzaujDvsecnB88B7nUY10BGZ63QDb-GOc_IQPRJV1g==)

# Military Readiness, Homeland Security,

# Disaster Preparedness and Aviation

## **Military Readiness**

### **DoD**

* [Dozens of Community Leaders Complete Joint Civilian Orientation Conference](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=94500890f4&e=822f95e226)
* [The Pentagon’s new defense strategy is out. Now the real work begins, experts say](https://link.militarytimes.com/click/29541864.124382/aHR0cHM6Ly9icmVha2luZ2RlZmVuc2UuY29tLzIwMjIvMTAvdGhlLXBlbnRhZ29ucy1uZXctZGVmZW5zZS1zdHJhdGVneS1pcy1vdXQtbm93LXRoZS1yZWFsLXdvcmstYmVnaW5zLWV4cGVydHMtc2F5Lz9fZ2E9Mi4yNTU2MzEzMDQuMTUxODc0NTIwLjE2NjcxNTA4OTgtMTg1NDA0NjQ3My4xNjQyMTE5OTY2JnV0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61B2356257d)
* [Pentagon’s US-Mexico border mission extends for another year](https://link.militarytimes.com/click/29541864.124382/aHR0cHM6Ly93d3cubWlsaXRhcnl0aW1lcy5jb20vbmV3cy95b3VyLW1pbGl0YXJ5LzIwMjIvMTAvMjgvcGVudGFnb25zLXVzLW1leGljby1ib3JkZXItbWlzc2lvbi1leHRlbmRzLWZvci1hbm90aGVyLXllYXIvP3V0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61Bfb9afdf4)
* [DoD Releases the Strategic Management Plan for Fiscal Years 2022 – 2026](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjguNjU4MzY4ODEiLCJ1cmwiOiJodHRwczovL3d3dy5kZWZlbnNlLmdvdi9OZXdzL1JlbGVhc2VzL1JlbGVhc2UvQXJ0aWNsZS8zMjAzMzExL2RvZC1yZWxlYXNlcy10aGUtc3RyYXRlZ2ljLW1hbmFnZW1lbnQtcGxhbi1mb3ItZmlzY2FsLXllYXJzLTIwMjItMjAyNi8ifQ.KNGWkxFrdE5cPrVr36eGKyR2a0DUsbnspSXEYCs6f3I/s/37607666/br/146928591741-l)
* [Drones, Cruise Missiles Are Rising Threats to US Troops and Territory, Pentagon Says](https://link.defenseone.com/click/29513221.35311/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vcG9saWN5LzIwMjIvMTAvZHJvbmVzLWNydWlzZS1taXNzaWxlcy1hcmUtcmlzaW5nLXRocmVhdHMtdXMtdHJvb3BzLXRlcnJpdG9yeS1wZW50YWdvbi1zYXlzLzM3OTAyOS8_b3JlZj1kX2JyaWVmX25s/60881a23aa72246f8b29b0e4B697a3bbf)
* [New Defense Strategy Names China as Top Threat, Identifies DOD Business Practices to Update](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=2a928fe1ec&e=822f95e226)
* [Biden National Defense Strategy tackles China, Russia, nuke deterrence](https://link.militarytimes.com/click/29519671.105492/aHR0cHM6Ly93d3cubWlsaXRhcnl0aW1lcy5jb20vcGVudGFnb24vMjAyMi8xMC8yNy9iaWRlbi1uYXRpb25hbC1kZWZlbnNlLXN0cmF0ZWd5LXRhY2tsZXMtY2hpbmEtcnVzc2lhLW51a2UtZGV0ZXJyZW5jZS8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61Bc2f3f395)
* [2022 National Defense Strategy](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjcuNjU3NjgwNzEiLCJ1cmwiOiJodHRwczovL21lZGlhLmRlZmVuc2UuZ292LzIwMjIvT2N0LzI3LzIwMDMxMDM4NDUvLTEvLTEvMS8yMDIyLU5BVElPTkFMLURFRkVOU0UtU1RSQVRFR1ktTlBSLU1EUi5QREYifQ.LT8z0rVq36ZsDqOf3FyHH6UCnjyN7czNbLksExYl4AQ/s/37607666/br/146862491524-l)
* [US military conducts test launch of hypersonic experiments for weapons development](https://link.militarytimes.com/click/29506940.100812/aHR0cHM6Ly93d3cuY25uLmNvbS8yMDIyLzEwLzI2L3BvbGl0aWNzL3VzLW1pbGl0YXJ5LWh5cGVyc29uaWMtY29tcG9uZW50cy10ZXN0L2luZGV4Lmh0bWw_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61B0855f413)
* [DOD Releases Report on Defense Spending by State in Fiscal Year 2021](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjAuNjU0MTI2MTEiLCJ1cmwiOiJodHRwczovL3d3dy5kZWZlbnNlLmdvdi9OZXdzL1JlbGVhc2VzL1JlbGVhc2UvQXJ0aWNsZS8zMTk0MzYxL2RvZC1yZWxlYXNlcy1yZXBvcnQtb24tZGVmZW5zZS1zcGVuZGluZy1ieS1zdGF0ZS1pbi1maXNjYWwteWVhci0yMDIxLyJ9.aDnHXbp2BH25ONZl9Y_TXeGlxPpvWzhTw1GvNoju0rc/s/37607666/br/146261825512-l)
* [New National Security Strategy Returns Focus to Rules, Partnerships, and American Leadership](https://link.defenseone.com/click/29402627.11958/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vcG9saWN5LzIwMjIvMTAvbmV3LW5hdGlvbmFsLXNlY3VyaXR5LXN0cmF0ZWd5LXJldHVybnMtZm9jdXMtcnVsZXMtcGFydG5lcnNoaXBzLWFuZC1hbWVyaWNhbi1sZWFkZXJzaGlwLzM3ODMyOS8_b3JlZj1kMV9haXJzcGFjZV9ubA/60881a23aa72246f8b29b0e4B07e13471)
* [Hybrid-Electric Troop Transports Are Moving Toward the Battlefield](https://link.defenseone.com/click/29378451.90442/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGVjaG5vbG9neS8yMDIyLzEwL2h5YnJpZC1lbGVjdHJpYy10cm9vcC10cmFuc3BvcnRzLWFyZS1tb3ZpbmctdG93YXJkLWJhdHRsZWZpZWxkLzM3ODQ2MC8_b3JlZj1kZWZlbnNlX29uZV9icmVha2luZ19ubA/60881a23aa72246f8b29b0e4B27215b5d)
* [National Security Strategy Focuses on Alliances, Nuclear Strength](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=2b040f76e9&e=822f95e226)
* [New National Security Strategy Returns Focus to Rules, Partnerships, and American Leadership](https://link.defenseone.com/click/29351332.72728/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vcG9saWN5LzIwMjIvMTAvbmV3LW5hdGlvbmFsLXNlY3VyaXR5LXN0cmF0ZWd5LXJldHVybnMtZm9jdXMtcnVsZXMtcGFydG5lcnNoaXBzLWFuZC1hbWVyaWNhbi1sZWFkZXJzaGlwLzM3ODMyOS8_b3JlZj1kZWZlbnNlX29uZV9icmVha2luZ19ubA/60881a23aa72246f8b29b0e4B0602bad8)
* [Austin Orders Renaming of Bases, Assets Named for Confederates](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=75b73dd8b8&e=822f95e226)
* [DoD Announces New Contract to Increase Hypersonic Flight-Testing Tempo](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMDYuNjQ3Nzc5ODEiLCJ1cmwiOiJodHRwczovL3d3dy5kZWZlbnNlLmdvdi9OZXdzL1JlbGVhc2VzL1JlbGVhc2UvQXJ0aWNsZS8zMTgyMzA1L2RvZC1hbm5vdW5jZXMtbmV3LWNvbnRyYWN0LXRvLWluY3JlYXNlLWh5cGVyc29uaWMtZmxpZ2h0LXRlc3RpbmctdGVtcG8vIn0.CGaXQe9CNiuiihFxdLs-SuHrY_TGEmtR4ZfU7kvxwRE/s/37607666/br/145361510262-l)
* [DOD Office Looks to Effects of Climate Change on Department](https://www.defense.gov/News/News-Stories/Article/Article/3171958/dod-office-looks-to-effects-of-climate-change-on-department/)

### **REPI**

* November 9, 2022 REPI Webinar: Managing Community Interests and Concerns – [[https://repiprogram.createsend1.com/t/d-e-zmkrky-l-r/]](https://repiprogram.createsend1.com/t/d-e-zmkrky-l-r/%5d) Please join the REPI office on November 9, 2022, from 1:00 PM – 2:30 PM ET for the Managing Community Interests and Concerns webinar. If you miss the webinar, a recording will be posted to the REPI webinar page [[https://www.repi.mil/Resources/Webinars/]](https://www.repi.mil/Resources/Webinars/%5d%20) following the session.

### **USAF**

### [How Is the Air Force Doing at Cyber?](https://link.defenseone.com/click/29477023.79696/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vZGVmZW5zZS1zeXN0ZW1zLzIwMjIvMTAvaG93LWFpci1mb3JjZS1kb2luZy1jeWJlci8zNzg4NDEvP29yZWY9ZGVmZW5zZV9vbmVfYnJlYWtpbmdfbmw/60881a23aa72246f8b29b0e4B721865b1)

### [Air Force F-35 fighter jet crashes in Utah; pilot safely ejects](https://link.airforcetimes.com/click/29447808.106518/aHR0cHM6Ly93d3cuYWlyZm9yY2V0aW1lcy5jb20vbmV3cy95b3VyLWFpci1mb3JjZS8yMDIyLzEwLzIwL2Fpci1mb3JjZS1mLTM1LWZpZ2h0ZXItamV0LWNyYXNoZXMtaW4tdXRhaC1waWxvdC1zYWZlbHktZWplY3RzLz91dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61Bca72a434)

### [US Air Force must build trust to add drone wingmen, report says](https://link.militarytimes.com/click/29371658.113037/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2Fpci8yMDIyLzEwLzEzL3VzLWFpci1mb3JjZS1tdXN0LWJ1aWxkLXRydXN0LXRvLWFkZC1kcm9uZS13aW5nbWVuLXJlcG9ydC1zYXlzLz91dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61B23c20410)

### [Air Force’s new search-and-rescue helicopter heads to first deployment](https://link.airforcetimes.com/click/29357329.108568/aHR0cHM6Ly93d3cuYWlyZm9yY2V0aW1lcy5jb20vbmV3cy95b3VyLWFpci1mb3JjZS8yMDIyLzEwLzEyL2Fpci1mb3JjZXMtbmV3LXNlYXJjaC1hbmQtcmVzY3VlLWhlbGljb3B0ZXItaGVhZHMtdG8tZmlyc3QtZGVwbG95bWVudC8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61Bbe6df1ac)

### [What the new “bat drone” means for the Air Force’s autonomous fighter plans](https://link.militarytimes.com/click/29320843.109223/aHR0cHM6Ly90YXNrYW5kcHVycG9zZS5jb20vbmV3cy9haXItZm9yY2UtZ2hvc3QtYmF0LWRyb25lLz91dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61Be0d48c98)

### [Blended-wing tanker, nuke reactors, electric cars in USAF climate plan](https://link.militarytimes.com/click/29283212.123739/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2Fpci8yMDIyLzEwLzA1L2JsZW5kZWQtd2luZy10YW5rZXItbnVrZS1yZWFjdG9ycy1lbGVjdHJpYy1jYXJzLWluLXVzYWYtY2xpbWF0ZS1wbGFuLz91dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61B3f57d21d)

### **Army**

* [Fort Huachuca Sentinel Landscape Volume IX, October 2022 newsletter](https://files.constantcontact.com/eeec124e601/876f2f05-f6ef-48e3-a861-46193033272e.pdf?rdr=true)
* [Unmanned Black Hawk program in Army’s hands as ALIAS robo-helo takes likely final flight](https://link.militarytimes.com/click/29591855.107365/aHR0cHM6Ly9icmVha2luZ2RlZmVuc2UuY29tLzIwMjIvMTEvdW5tYW5uZWQtYmxhY2staGF3ay1wcm9ncmFtLWluLWFybXlzLWhhbmRzLWFzLWFsaWFzLXJvYm8taGVsby10YWtlcy1saWtlbHktZmluYWwtZmxpZ2h0Lz91dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61Bbf2f9a84)
* [Check out contenders for the Army’s next new unmanned aerial system](https://link.militarytimes.com/click/29552617.119669/aHR0cHM6Ly93d3cueW91dHViZS5jb20vd2F0Y2g_dj0taEF4UVRtWExqSSZ1dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61B87ac2c7e)
* [Is this what an electric tank will look like?](https://link.militarytimes.com/click/29506940.100812/aHR0cHM6Ly93d3cueW91dHViZS5jb20vd2F0Y2g_dj1rYnpjWVpTLTBWSSZ1dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61B90756ec8)
* [‘Lightning in a bottle’: Inside the ‘Origin’ of the Army’s future robotic fleet](https://link.militarytimes.com/click/29470021.108445/aHR0cHM6Ly9icmVha2luZ2RlZmVuc2UuY29tLzIwMjIvMTAvbGlnaHRuaW5nLWluLWEtYm90dGxlLWluc2lkZS10aGUtb3JpZ2luLW9mLXRoZS1hcm15cy1mdXR1cmUtcm9ib3RpYy1mbGVldC8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61B58a2260a)
* [The Army’s future fight | Defense News Weekly full episode](https://link.militarytimes.com/click/29406939.118657/aHR0cHM6Ly93d3cueW91dHViZS5jb20vd2F0Y2g_dj1HRVIxc0FsN2FkMCZ1dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61Bf00dfe9a)
* [Has the Army finally found a replacement for the Bradley Fighting Vehicle?](https://link.militarytimes.com/click/29406939.118657/aHR0cHM6Ly90YXNrYW5kcHVycG9zZS5jb20vdGVjaC10YWN0aWNzL2FybXktYnJhZGxleS1maWdodGluZy12ZWhpY2xlLXJlcGxhY2VtZW50LWx5bngtb21mdi8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61B4e6dde25)
* [Army plans repeat of major drills using largest overseas training unit](https://link.armytimes.com/click/29395292.124637/aHR0cHM6Ly93d3cuYXJteXRpbWVzLmNvbS9uZXdzL3lvdXItYXJteS8yMDIyLzEwLzE0L2FybXktcGxhbnMtcmVwZWF0LW9mLW1ham9yLWRyaWxscy11c2luZy1sYXJnZXN0LW92ZXJzZWFzLXRyYWluaW5nLXVuaXQvP3V0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61B230b2bd3)
* [The Army's Big Convention Was Full of Armed Robots](https://link.defenseone.com/click/29370008.67729/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGVjaG5vbG9neS8yMDIyLzEwL2FybXlzLWJpZy1jb252ZW50aW9uLXdhcy1mdWxsLWFybWVkLXJvYm90cy8zNzg0MzUvP29yZWY9ZGVmZW5zZV9vbmVfYnJlYWtpbmdfbmw/60881a23aa72246f8b29b0e4B1c6f90d0)
* [Army Aims to Become ‘Global Leader in Climate Security Innovation’](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=e2666f2d29&e=822f95e226)
* [“No. 1 priority: long range fires” – McConville](https://link.militarytimes.com/click/29357329.108568/aHR0cHM6Ly93d3cueW91dHViZS5jb20vd2F0Y2g_dj1abU5kcDc5d01ROCZ1dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61D49bb4641)
* [Small Radios On Armored Vehicles Will Be a Big Step Toward the Army's Networked Future](https://link.defenseone.com/click/29288782.38984/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGVjaG5vbG9neS8yMDIyLzEwL3NtYWxsLXJhZGlvcy1hcm1vcmVkLXZlaGljbGVzLXdpbGwtYmUtYmlnLXN0ZXAtdG93YXJkLWFybXlzLW5ldHdvcmtlZC1mdXR1cmUvMzc4MzA1Lz9vcmVmPWRfYnJpZWZfbmw/60881a23aa72246f8b29b0e4Bc7fab011)
* [Five questions with Gen James McConville, US Army chief of staff](https://link.militarytimes.com/click/29331157.122686/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2ludGVydmlld3MvMjAyMi8xMC8xMC9maXZlLXF1ZXN0aW9ucy13aXRoLWdlbi1qYW1lcy1tY2NvbnZpbGxlLXVzLWFybXktY2hpZWYtb2Ytc3RhZmYvP3V0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61B4b0f9b0a)
* [Readiness isn’t just about weapons and training, says four-star](https://link.armytimes.com/click/29331157.122686/aHR0cHM6Ly93d3cuYXJteXRpbWVzLmNvbS9lYmIvMjAyMi8xMC8xMC9yZWFkaW5lc3MtaXNudC1qdXN0LWFib3V0LXdlYXBvbnMtYW5kLXRyYWluaW5nLXNheXMtZm91ci1zdGFyLz91dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61B559ba445)
* [Firepower & people: Army chief on keys to future war](https://link.militarytimes.com/click/29331157.122686/aHR0cHM6Ly9icmVha2luZ2RlZmVuc2UuY29tLzIwMjIvMTAvZmlyZXBvd2VyLXBlb3BsZS1hcm15LWNoaWVmLW9uLWtleXMtdG8tZnV0dXJlLXdhci1leGNsdXNpdmUvP3V0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61B548a01cb)
* [Top Army priorities and a Navy disaster deepens | Defense News Weekly full episode](https://link.militarytimes.com/click/29331157.122686/aHR0cHM6Ly93d3cueW91dHViZS5jb20vd2F0Y2g_dj0xX0NVbVppQlAtUSZ1dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61B29159b45)
* [US Army secretary looks to 2040 to scale key tech](https://link.militarytimes.com/click/29331157.122686/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2RpZ2l0YWwtc2hvdy1kYWlsaWVzL2F1c2EvMjAyMi8xMC8xMS91cy1hcm15LXNlY3JldGFyeS1sb29rcy10by0yMDQwLXRvLXNjYWxlLWtleS10ZWNoLz91dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61Be64b6ec4)
* [Seven questions with the US Army’s counter-drone boss](https://link.militarytimes.com/click/29320843.109223/aHR0cHM6Ly93d3cuYzRpc3JuZXQuY29tL3VubWFubmVkLzIwMjIvMTAvMDcvc2V2ZW4tcXVlc3Rpb25zLXdpdGgtdGhlLXVzLWFybXlzLWNvdW50ZXItZHJvbmUtYm9zcy8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61B5cfa63e2)
* [US Army eyes new ways to evaluate autonomous vehicles](https://link.militarytimes.com/click/29296459.121678/aHR0cHM6Ly93d3cuYzRpc3JuZXQuY29tL3VubWFubmVkL3JvYm90aWNzLzIwMjIvMTAvMDYvdXMtYXJteS1leWVzLW5ldy13YXlzLXRvLWV2YWx1YXRlLWF1dG9ub21vdXMtdmVoaWNsZXMvP3V0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61B57b40038)
* The U.S. Army just published a 50-page plan to fix its "climate resilience" problem. Read more from Military.com, [here](https://link.govexec.com/click/29263691.2416/aHR0cHM6Ly93d3cubWlsaXRhcnkuY29tL2RhaWx5LW5ld3MvMjAyMi8xMC8wNS9hcm15LXJlbGVhc2VzLW5ldy1wbGFuLW1pdGlnYXRlLWNsaW1hdGUtY2hhbmdlLmh0bWw/542dc73f3b35d0811c8bba13Cc933bb33), or see the [PDF of the plan](https://link.govexec.com/click/29263691.2416/aHR0cHM6Ly93d3cuYXJteS5taWwvZTIvZG93bmxvYWRzL3J2Ny9hYm91dC8yMDIyX0FybXlfQ2xpbWF0ZV9TdHJhdGVneV9JbXBsZW1lbnRhdGlvbl9QbGFuX0ZZMjMtRlkyNy5wZGY/542dc73f3b35d0811c8bba13Cfe33ec01) itself.
* [Army releases new plan to 'mitigate' climate change](https://link.militarytimes.com/click/29283212.123739/aHR0cHM6Ly93d3cubWlsaXRhcnkuY29tL2RhaWx5LW5ld3MvMjAyMi8xMC8wNS9hcm15LXJlbGVhc2VzLW5ldy1wbGFuLW1pdGlnYXRlLWNsaW1hdGUtY2hhbmdlLmh0bWw_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61Bf4e901b0)

### **Navy**

* [US Navy wants to avoid shortfall of nuke-armed subs in 2030s](https://link.navytimes.com/click/29577960.103576/aHR0cHM6Ly93d3cubmF2eXRpbWVzLmNvbS9uYXZhbC8yMDIyLzExLzAyL3VzLW5hdnktd2FudHMtdG8tYXZvaWQtc2hvcnRmYWxsLW9mLW51a2UtYXJtZWQtc3Vicy1pbi0yMDMwcy8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61B459809e2)
* [US Navy touts hypersonic missile progress ahead of 2025 fielding](https://link.militarytimes.com/click/29565619.124465/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL25hdmFsLzIwMjIvMTEvMDIvdXMtbmF2eS10b3V0cy1oeXBlcnNvbmljLW1pc3NpbGUtcHJvZ3Jlc3MtYWhlYWQtb2YtMjAyNS1maWVsZGluZy8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61Bd7b4473d)
* [‘Secure, survive, strike’: The Navy’s new approach for cyber dominance](https://link.militarytimes.com/click/29552617.119669/aHR0cHM6Ly93d3cuYzRpc3JuZXQuY29tL2N5YmVyLzIwMjIvMTAvMzEvc2VjdXJlLXN1cnZpdmUtc3RyaWtlLXRoZS1uYXZ5cy1uZXctYXBwcm9hY2gtZm9yLWN5YmVyLWRvbWluYW5jZS8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61B0ed2311f)
* [Admiral: Navy sees ‘next step’ for unmanned in key autonomy contract](https://link.militarytimes.com/click/29506940.100812/aHR0cHM6Ly9icmVha2luZ2RlZmVuc2UuY29tLzIwMjIvMTAvYWRtaXJhbC1uYXZ5LXNlZXMtbmV4dC1zdGVwLWZvci11bm1hbm5lZC1pbi1rZXktYXV0b25vbXktY29udHJhY3QvP3V0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61B0faa4178)

### **USMC**

* [Marine air wing commander touts peace through strength, partnerships in Indo-Pacific](https://link.militarytimes.com/click/29565619.124465/aHR0cHM6Ly93d3cuc3RyaXBlcy5jb20vdGhlYXRlcnMvYXNpYV9wYWNpZmljLzIwMjItMTEtMDEvbWFyaW5lLWFpci1wb3dlci1pbmRvLXBhY2lmaWMtNzg4MTI1Mi5odG1sP3V0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61B91fc5af5)
* [‘Shifting threats,’ drones, F35s the stars of new Marine recruiting ad](https://link.marinecorpstimes.com/click/29519671.105492/aHR0cHM6Ly93d3cubWFyaW5lY29ycHN0aW1lcy5jb20vbmV3cy95b3VyLW1hcmluZS1jb3Jwcy8yMDIyLzEwLzI3L3NoaWZ0aW5nLXRocmVhdHMtZHJvbmVzLWYzNXMtdGhlLXN0YXJzLW9mLW5ldy1tYXJpbmUtcmVjcnVpdGluZy1hZC8_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61Bd2939530)
* [The U.S. Marine Corps Has a Choice: Transform or Die](https://link.defenseone.com/click/29379162.57045/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vaWRlYXMvMjAyMi8xMC91cy1tYXJpbmUtY29ycHMtdHJhbnNmb3JtLW9yLWRpZS8zNzg0NjQvP29yZWY9ZGVmZW5zZV9vbmVfYnJlYWtpbmdfbmw/542dc73f3b35d0811c8bba13B0d6df640)
* [Civilians Will Choose the Marine Corps' Future—and Soon](https://link.defenseone.com/click/29362396.74728/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vaWRlYXMvMjAyMi8xMC9jaXZpbGlhbnMtd2lsbC1jaG9vc2UtbWFyaW5lLWNvcnBzLWZ1dHVyZWFuZC1zb29uLzM3ODIzMS8_b3JlZj1kZWZlbnNlX29uZV9icmVha2luZ19ubA/60881a23aa72246f8b29b0e4B313b869f)

### **Space Force**

* [Saltzman Takes Control of Space Force](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=019b529dc3&e=822f95e226)
* [It's Official: Space Force Sets Sights on Smaller Satellites](https://link.defenseone.com/click/29562231.83531/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGVjaG5vbG9neS8yMDIyLzExL2l0cy1vZmZpY2lhbC1zcGFjZS1mb3JjZS1zZXRzLXNpZ2h0cy1zbWFsbGVyLXNhdGVsbGl0ZXMvMzc5MjA0Lz9vcmVmPWRlZmVuc2Vfb25lX2JyZWFraW5nX25s/60881a23aa72246f8b29b0e4B34474eac)
* [Space Force expects budget growth into 2024 amid ‘tremendous need’](https://link.militarytimes.com/click/29506940.100812/aHR0cHM6Ly93d3cuYzRpc3JuZXQuY29tL2JhdHRsZWZpZWxkLXRlY2gvc3BhY2UvMjAyMi8xMC8yNi9zcGFjZS1mb3JjZS1leHBlY3RzLWJ1ZGdldC1ncm93dGgtaW50by0yMDI0LWFtaWQtdHJlbWVuZG91cy1uZWVkLz91dG1fc291cmNlPXNhaWx0aHJ1JnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPW1pbC1lYmI/57588738498e574579743a61B6a01d214)
* [Administration Comes Out Even Stronger Against Creation of Space National Guard](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=a10abf9780&e=822f95e226)

## **Homeland Security/Disaster Preparedness**

### [Pushing Ahead Projects to Protect Against Climate-related Disasters](https://link.route-fifty.com/click/29365524.29370/aHR0cHM6Ly93d3cucm91dGUtZmlmdHkuY29tL21hbmFnZW1lbnQvMjAyMi8xMC9wdXNoaW5nLWFoZWFkLXByb2plY3RzLXByb3RlY3QtYWdhaW5zdC1jbGltYXRlLXJlbGF0ZWQtZGlzYXN0ZXJzLzM3ODIxMS8_b3JlZj1yZi10aGlzLXdlZWstbmw/542dc73f3b35d0811c8bba13B7f3a2b65)

### **FEMA**

* FEMA’s Hazard Mitigation Assistance (HMA) grant programs provide funding for eligible mitigation measures that build climate resilience. These funds can be used to plan for and mitigate risks posted by natural hazards, including extreme temperatures. As part of FEMA’s efforts to help emergency mangers take action and invest locally in resilience, FEMA has released the [“Mitigating the Risk of Extreme Temperatures with Hazard Mitigations Funds” Fact Sheet](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjQuNjU2MTA0NzEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9ncmFudHMvbWl0aWdhdGlvbiJ9.ptopo9vF4DTIPq6Q8i-LuENDvDN3dp8I1fJxWWGwof8/s/10033766/br/146659770578-l) to help communities identify opportunities for HMA and other available FEMA resources.
* FEMA will host a series of 60-minute webinar sessions to provide an overview of the guidance and discuss revisions based on feedback from the national engagement period held earlier this year. To register for a webinar, please visit <https://preptoolkit.fema.gov/web/cip-citap/events>
* FEMA published the “National Continuous Improvement Guidance.” This guidance provides an approach to conduct consistent and rigorous continuous improvement activities before, during and after real-world incidents: <https://preptoolkit.fema.gov/web/cip-citap/ncig>
* FEMA released the “[Local Elected and Appointed Officials Guide: Roles and Resources in Emergency Management.](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTguNjUzMDM2OTEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9lbWVyZ2VuY3ktbWFuYWdlcnMvbmF0aW9uYWwtcHJlcGFyZWRuZXNzL3BsYW4ifQ.3UHpT4bp06UrkNVlYkwsXNYzAkRtdYVN4DFXF6Ucs0w/s/10033766/br/146120721903-l)” The guide provides an executive-level introduction to emergency management concepts and principles for local senior officials. Additionally, it identifies local senior officials’ roles and responsibilities for incident emergency management before, during and after disasters, as well as ways to access available resources.
* The application period is open for [FEMA Building Resilient Infrastructure and Communities (BRIC)](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTMuNjUwNzk3MzEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9ncmFudHMvbWl0aWdhdGlvbi9idWlsZGluZy1yZXNpbGllbnQtaW5mcmFzdHJ1Y3R1cmUtY29tbXVuaXRpZXMifQ.zVfNsyMyRdMFhJ6oSfLtRMCvUKgDKSNp_dbe9HNxb70/s/10033766/br/145834564323-l) and [Flood Mitigation Assistance (FMA)](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTMuNjUwNzk3MzEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9ncmFudHMvbWl0aWdhdGlvbi9mbG9vZHMifQ.tMpGgK5aUjuHfgIj2vXtv9EkzeRDUhdfOwKJLjZvlgM/s/10033766/br/145834564323-l) Fiscal Year 2022 grant programs. The funding was bolstered by nearly $900 million from the [Bipartisan Infrastructure Law of 2021](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTMuNjUwNzk3MzEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9wcmVzcy1yZWxlYXNlLzIwMjExMTE1L2luZnJhc3RydWN0dXJlLWRlYWwtcHJvdmlkZXMtZmVtYS1iaWxsaW9ucy1jb21tdW5pdHktbWl0aWdhdGlvbi1pbnZlc3RtZW50cyJ9.mY9AyFBD-zs2XEzuwsW22MlU1FnEiGDlRYubqroE580/s/10033766/br/145834564323-l), which provided $200 million for BRIC and $700 million for Flood Mitigation Assistance. A total of approximately $2.3 billion is available through the BRIC program and another $800 million through the Flood Mitigation Assistance program. The grants provide funds to communities to enhance resiliency to natural hazards. The funding notices for both programs are available at [Grants.gov](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTMuNjUwNzk3MzEiLCJ1cmwiOiJodHRwOi8vd3d3LmdyYW50cy5nb3YvIn0.9AdUngr8NFfXcR_2cBHKT882Hy39557Gt9xS6KT_8Mw/s/10033766/br/145834564323-l). Eligible applicants must apply for funding using [FEMA Grants Outcomes](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTMuNjUwNzk3MzEiLCJ1cmwiOiJodHRwczovL2dvLmZlbWEuZ292LyJ9.ECSOqSFsrRlE8ZSFjl1yLA8hLlMwRqskmKn7NmNYx_o/s/10033766/br/145834564323-l), the agency’s grants management system. Submit applications in FEMA Grants Outcome Portal no later than 3 p.m. ET on Jan. 27, 2023. Applications received by FEMA after this deadline will not be considered for funding.
* [FEMA Implements an Alternative Cost-Effectiveness Method to Increase Program Accessibility for Communities for Two Hazard Mitigation Grants](#link_1516237403645)

**Cyber**

* [DHS Announces New Cybersecurity Performance Goals for Critical Infrastructure](http://r20.rs6.net/tn.jsp?f=001JlHUlye9r3hpQjWYJWEyVuzpI62p4cshvDDZAAMltERq55b5FLJVcSAyDIUcLLwIEJip5EYSLDkYs-Xk4-AE5e_20uZe8Q6vkFMwZ_CiYDS7DLJ85zk1KAHx8CljRzpNWhBCYyXQQd0hMDiaP8IlyttK2nUzcF7E-KiD8sS0aUtq3L8yRxGVy7iOz53dct4OZkMn2w5XsxjBv3YE0POfnV7PJj4SkQ7pRoUmrnWvFbwq1y-2ikFHzBt5ZXU6nbvaQvivH1C8bCQxZJ7OZe95e9aDfp9T3Z-Fm8j5k1vTuQo=&c=-AXIubDHcq6QWYBwy5BcKv8K-XI3PhR2YSabPTjS6pwoNvsLPgim2Q==&ch=DfOVl9n4gnZ8VkBnluy4tsKJci8-keKJh97Oncdd3i00Yz29ANduNA==)
* [Readout of Cybersecurity Executive Forum on Electric Vehicles and Electric Vehicle Charging Infrastructure Hosted by the Office of the National Cyber Director](http://r20.rs6.net/tn.jsp?f=001UbGT6EiNO2_kn3EXKwp7MYd6mkTOLGh5uz4CdKiK1K3SOjrr6O0esBkFnriMaTsSz_i6ZBm7YHV7EXC3bkCtUfaOBjruQtzI1wLXcaWeUELx6ZBNywgkJC0ytZlTwMsOzBBHSlRFYtJTA2lDg2BQuGlXnQKJy-Ehi_huzn1Ao3SCMKFGPhR1GG3BLbHm6QcKzXebOG0xxwq6zCELjpOpMjXNDT2AtDC-2-YQOB7PJkSGUNaKrqex6vcbKtFpdSvvhv9BZM0HKnHcy3-m29lO-t-YzAmO3GTceSXBwILHwqRlvgOF2ECY5rjd20vssE2wSG2H7xGrxeLhKFXLwjU6cjA6ili4MWLSa-swMBCoA7cLrdBz1Wnystk3JOEEvJbP4CPH8fa1VBioFla2q7iiTkaezGE6O9Wd9ypOL3FdWm6ffub65wwA89wj2kanbTnER9yxBj2kTeQcPIVj2Fz2zA==&c=ppnbFQnLhRJN8xKfV_6HQjE75HunIa_TvrgfrRq0MIn-L4K9_csK7w==&ch=Wv_QQBDt9eWdX9jmy3_MV6QnnQXcYfaLcDYM49L48CN0MTsi4zu4cw==)
* [Cybersecurity Expands Into All Realms Of Transportation](http://r20.rs6.net/tn.jsp?f=001ikVs0rp_JiokOGPmiYfLxqfZgjsLUdcWoaswIsCgyUjTAGdLsSzVetaRD3MhJimPdDNWmRry-0I6IcyF4nqzvIxE90MeJGbbb44Xyv01Tc7yHKi16ZpnDh73j1dN5p8fH9iUpmqidZwXcFYcf3_gJkP1aTo_cIiCaNlO-PcPTMRJJETb_9hUAsHhp4aTqDTQVYw6VsTWsucOAKjsZtEbc1vfphmNW5LO2TQISvPLvcyoxk7uq1Sau3gowQE700_F6Qh2DyJPLmftOvOi1BjDLQ==&c=kgCyrSBjebjtNdxHhsKJLzM0aeXQlQMZG8E5hsXA_BJVsbUbbcsmMA==&ch=ziuaQbMmzmZyHn-33I-OjXPnq-Le8FtHHgpqyKYZ5EAaR6YTzkcQ8A==)
* [USDOT Announces New Members to the Advanced Aviation Advisory Committee](http://r20.rs6.net/tn.jsp?f=001ikVs0rp_JiokOGPmiYfLxqfZgjsLUdcWoaswIsCgyUjTAGdLsSzVepkPB9MGXl0kaxt62BN5gCKdxoLhbin3cCOkxI_P4juWdXYXkilZ5Q3jyfDQzDVXjJcouGDne42tS0acjzP0YmMk2MyLbA3voHOYJbbh8lPmHeIGQNldblVbjxu1ekzc6VcMbc5JR53EloH2aSntdA278FfdYAXNgj68E5leQtGSHivUEamGtmdRkJZIbZNXJh_YNOkHZz4Qx9VFe6ndhQw=&c=kgCyrSBjebjtNdxHhsKJLzM0aeXQlQMZG8E5hsXA_BJVsbUbbcsmMA==&ch=ziuaQbMmzmZyHn-33I-OjXPnq-Le8FtHHgpqyKYZ5EAaR6YTzkcQ8A==)
* [$1B Cybersecurity Grant Program Still Coming Into Focus](https://link.route-fifty.com/click/29366105.28375/aHR0cHM6Ly93d3cucm91dGUtZmlmdHkuY29tL3RlY2gtZGF0YS8yMDIyLzEwLzFiLWN5YmVyc2VjdXJpdHktZ3JhbnQtcHJvZ3JhbS1zdGlsbC1jb21pbmctZm9jdXMvMzc4NDgyLz9vcmVmPXJmLXRvZGF5LW5s/542dc73f3b35d0811c8bba13B21603c35)
* [Cyberattacks Force Over A Dozen US Airport Websites Offline](http://r20.rs6.net/tn.jsp?f=001F0SiNfcYkQxaXxN0wEbgzXO_Jan0lcjvsesoKKAtAzW8sGQtCVZ5YSG6R3U_1XxVzgBv1McJKwvJb2zZhvRkyawBYIyxoWC2015IHGfQNkQ43y4_3VlLGc4XLy2625kr-1aH0gV7Hz_24ccAPPFZqI0Tgyhf6LE94LG5ap_XcBSVRzuGSY7OXEfW50k487pdk3K5irJ7J5fCiwihBOPmS3KyGpgXy61GTGgX1Hxfi26ntnBg4yJ09GQwAZx5rTtlV6Q4-Y8LX54=&c=RTe-tAw15SWgnzDqHDi8z774nHxy0u5OAifjTjZjmsCSDUvF-zmK9A==&ch=yDbj2EtV9wln4wPbPI7ZnveAS154K8TO1mNBihxUTly9re367MC2kA==)

### **Wildfire**

* [Innovation Landscape Network: Demonstrating and Testing New Approaches for Fuels Treatment Planning and Wildland Fire Management](https://www.bia.gov/news/innovation-landscape-network-demonstrating-and-testing-new-approaches-fuels-treatment-planning)
* [Fueling Collaboration panel discussions past webinars](https://www.fuelingcollab.com/past-seasons)
* [Community Scientists and Expert Researchers Working Together to Effectively Restore Post-fire Landscapes](https://consbio.us9.list-manage.com/track/click?u=3dea159e4cbe0a0ff3b43eadd&id=a453570ee0&e=c5455c0952)
* [The U.S. Geological Survey (USGS) Wildland Fire Science Strategic Plan](https://pubs.er.usgs.gov/publication/cir1471) defines critical, core fire science capabilities for understanding fire-related and fire-responsive earth system processes and patterns, and informing management decision making.
* [An expanded framework for wildland–urban interfaces and their management](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=641c477171&e=e56d7a4004)
* To address problems associated with managing wildland fuels, fires, and fire-impacted ecosystems. Due: December 20, 2022. Multiple Opportunities Available: [Primary Announcement](https://r20.rs6.net/tn.jsp?f=001iflNGa0IWbsZAawVLqvDEriG--hfG1M5bvTzd4X-Oti0PjQlFAlRGghJDCcOuCJW0FeK3e0fZmxnxSiarL5w5LCWYq6-7SlKY-gqtFRFkI3OIk-57xuSXLXQvYaGe3XA7iLDR97igwjKbEliM3gygZjqJi9AP4XyXQlry1-GnIFpWZzxtigjahEq6_M_g2CQ-R4uiBPR1X1ZLWBBV1FHIQ==&c=YaWgsGaCOEPUjRYX4aQrod0yi9_sAzHcpYjbd9xJ7o90THfmkhgs6Q==&ch=o-wKFor1WdC-bewOgQXjBkK6UQmnwh6BT7yOv9yB9ysdP260-6ZErg==) [Graduate Research Innovation](https://r20.rs6.net/tn.jsp?f=001iflNGa0IWbsZAawVLqvDEriG--hfG1M5bvTzd4X-Oti0PjQlFAlRGghJDCcOuCJWgIX5wfOmdD7lcTS2tt765SUdGfuSm8lmF6ErDWJJBjvkqlRZVS3vZRYUp1tWm9Cpc_pa0-nrQrs1XWOekK7onXGuQllF005sMmIzlNTTQHstY8_3Wph509ptjTVbAftdbfw5KcJU2Jm4ZEBv5Ha1Wg==&c=YaWgsGaCOEPUjRYX4aQrod0yi9_sAzHcpYjbd9xJ7o90THfmkhgs6Q==&ch=o-wKFor1WdC-bewOgQXjBkK6UQmnwh6BT7yOv9yB9ysdP260-6ZErg==) [Regional Fire Science Exchange](https://r20.rs6.net/tn.jsp?f=001iflNGa0IWbsZAawVLqvDEriG--hfG1M5bvTzd4X-Oti0PjQlFAlRGghJDCcOuCJWkXtyj-ngRGuoPUBpJnf1_tGyiXaJisfyomkWwx3btVtegmawCV5NEh0w82xXqBpzLOrKL1vmUsbtSekf73u4SgnN7ts09_XzE9gVtE4mk5bYYP5C2sngWutyBuAzKmygS30MUNMXv0hJfWIgTG1JnQ==&c=YaWgsGaCOEPUjRYX4aQrod0yi9_sAzHcpYjbd9xJ7o90THfmkhgs6Q==&ch=o-wKFor1WdC-bewOgQXjBkK6UQmnwh6BT7yOv9yB9ysdP260-6ZErg==)
* [Webinar: Wildfires and how they impact your health](https://yale.zoom.us/webinar/register/7516655913767/WN_JtmVNTtkTniHym0elUw85g), November 4, 2022, 12 PM EDT
* [How does wildfire impact wildlife?](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTQuNjUxNTk3MzEiLCJ1cmwiOiJodHRwczovL2Z3cy5nb3Yvc3RvcnkvMjAyMi0xMC9ob3ctZG9lcy13aWxkZmlyZS1pbXBhY3Qtd2lsZGxpZmUtYW5kLWZvcmVzdHMifQ.IM5AMWLHh9id4w6NGRWr1aKKqm9eedz7IQrz3zJ05v4/s/854461416/br/145955308175-l)
* Considering Equity in Wildﬁre Risk and Protection Thursday, Dec. 1, 10am PDT ----- REGISTER: [https://bit.ly/3dWM1Lw](https://eepurl.us2.list-manage.com/track/click?u=5f6de7b069a57255f980944b4&id=e10ee86cba&e=34607e62b5)
* Wildfires, Communities, and Environmental Justice Tuesday, Nov. 8, 10am PDT ----- REGISTER: [https://bit.ly/3SprpKI](https://eepurl.us2.list-manage.com/track/click?u=5f6de7b069a57255f980944b4&id=80c9719c17&e=34607e62b5)
* [Informing wildland fire response planning using historical data](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=81a46fb1a3&e=e56d7a4004)
* [Wildfire smoke may carry deadly fungi long distances](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=47b53112ea&e=e56d7a4004)
* [Interior invests $180 million through the BIL in 2022 for wildfire mitigation and resilience](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMDcuNjQ4NTc2MjEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3dpbGRsYW5kZmlyZS9pbnRlcmlvci1pbnZlc3RzLTE4MC1taWxsaW9uLXRocm91Z2gtYmlwYXJ0aXNhbi1pbmZyYXN0cnVjdHVyZS1sYXctMjAyMi1pbXByb3ZlIn0.WClvf5TeA4jvw7ZxKA7eCiGxa09rownP0hFGK-YrVFg/s/854461416/br/145464590299-l)
* [Coalition writes Forest Service with IRA funding implementation recommendations](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=29883232c2&e=e56d7a4004" \t "_blank)

**CA**

* [Intense footage illustrates hidden danger following extinguished wildfires](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=cd79eaff8b&e=e56d7a4004)
* [CAL FIRE adds new demonstration state forest and over 1,200 acres to statewide total for research, restoration, and conservation](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=aae866dfe1&e=e56d7a4004)
* [Tahoe Conservancy grants $5.2 million to restore forest resilience, reduce wildfire risk](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=7af5ea58a0&e=e56d7a4004)
* [Mega-disturbances cause rapid decline of mature conifer forest habitat in California](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=14746b12ab&e=e56d7a4004)
* [California wildfires erased years of climate change progress, study says](https://click.pewtrusts.org/?qs=44d19e7d5f325a3c7d362b1da64249f9e3310093741db830acf654d93d5065d001ae021c39176b7c490a61058aace9acb30bc9f33256595e)
* [Lighting Small Fires As Cure to Catastrophic Blazes in California](https://circleofblue.us1.list-manage.com/track/click?u=cb4d96410aa2ebf5c8d0b17a3&id=4a97720786&e=fc9532f654)
* [Wildfires are getting worse. Can scientists save California’s forests from going up in smoke?](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=585279774c&e=e56d7a4004)

**CO:** [From Colorado: More high-elevation wildfire is sapping Western snowpack, study finds](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=fefc2f6999&e=e56d7a4004)

**NM:** [From New Mexico: How to improve community wildfire defense grants to build rural resilience](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=d62d13fa74&e=e56d7a4004)

## **Aviation**

### [FAA, U.S. telecom agency hold 5G C-Band aviation talks -sources](http://r20.rs6.net/tn.jsp?f=0019NixvZMWEkGwbYJQ6qjAxD3TBn_MCJzNnDOfbnktZqNIivUHJJvSOq02gtJjYoolDx-kDvUnnedbO9znumAGn_3srW23yebmoLJKEiFeQOTXmnXEdLSdk0L1i9Dq7eJSDechbP4zMbjiGhKeZLxavJ_wEJx4UCvBxkO0UI_xoQva_64-7LldJlnkL-cNY3w529i6rGnOG3WTe9x4kFjEWcA1wjHKd5BVTcmVfxGH7nxaVMsaQ_BQ9k7OPpHpLWRrbeLNhIUFZRbMi4MnLTP19QjU5dPfY49XRR-XmxSbz4OTRBI0_FinqQ==&c=NPuSXpXet2rJPMzU06EtEKHEV8DFnRFguRQ8TiGlCWmXA2RYKPETLQ==&ch=Xq5sumgW2_CxbxyG8etbiuYecEKUt2q_PZg7TDsojkVrGsxG6RcaHA==)

### [5G Cell Service Can Coexist With Planes, US Study Suggests](http://r20.rs6.net/tn.jsp?f=001_tsXcgck-KjVuc-4tIAzvh2PYqev7ZXo1cZpkBRY19H7wtgRwNStru1WKHPoEkTAkly7UnC3i2DgXtoEkcSfTctNtg7sAH08GktNCN0ccHk6cet8fGF-TlMGkhcXwi6IHL745wymKRkYwEnbzTwHCZiSYyjvsUcOSF_b07e6bDFhRcYJja1ZKdCKvOBXQZ5ouMZhUWdK6CaAESqNdoyQnjvlv6SHiXlA2xwtjgULoJqV2VjWdlntKAySmO4u6g3xfAUrbSuGxOd6ODwkOu73i_O7YZtNmzWmKTSAVh0YclA=&c=81Osq0vKE08mNLFriA-PQAersUJcG3-Yiuvj89TxVvy7p1pZunwH9Q==&ch=gYN1ffnJvF404o2TLtZK4fcnImomIe98v1gnfvfthgRlCjrcuR5Ltg==)

### [Aviation Advocates Ask FCC to Permanently Limit 5G Around Airports](http://r20.rs6.net/tn.jsp?f=001_tsXcgck-KjVuc-4tIAzvh2PYqev7ZXo1cZpkBRY19H7wtgRwNStru1WKHPoEkTAhKh9QuMAnStQONFoaRroYYk_ipIJUw_qo-41yHYi5mqkrNfnyu0zF9ZSivQlC3GukiH0KzIiI6iW0rbu9U5RWBHd7jtGUj3rNm2kkyCK6vzvusZjB9_ZwbUEH12kIyiwhIRW5Wv-DS0z7amXvNZT_JmOcx_5zyYKRH_coeKokopSFi2H52kWSulwcr9rcG4JXss4uurqLyU2K8_q37OyTCeqCMitJ9lg&c=81Osq0vKE08mNLFriA-PQAersUJcG3-Yiuvj89TxVvy7p1pZunwH9Q==&ch=gYN1ffnJvF404o2TLtZK4fcnImomIe98v1gnfvfthgRlCjrcuR5Ltg==)

### [FAA publishes see-and-avoid advisory to prevent crashes](http://r.smartbrief.com/resp/pFdyDKbjocutwrpkfDlgfMfCdQeW?format=multipart)

### [Electric planes could reconnect small US airports](http://r20.rs6.net/tn.jsp?f=001Dt4nLN2BSMoM3lcQwhae7RjWcb-EKnflJAtz_Rw6tfBazI3KK4IdkI6UhLjpqKE8SI6Hf3qQhW2NnctWKaPfSreEP3usu1RaE2WBkDHVG5I_N_cG5_UafjLsDRIsbcxUz_H-d9QuxUYVeeUlqvwy12ZeRdflIfskHgPY5oCxEbSShrmt2-tFx2Dm000kbgg6eNv-WvuaIVHzA4wqo4T3xBwIQdlqwqDetu3-8FSQ2ELyDx4eaqBjavV4ELjkbAfHCX88GwdqGXtcd90GhrlbqO8CNXk4N80KmyNJYgtfuL1WVDu4plpOQztfR7J4o9oCxjnZcEzE8Ms=&c=V3ysb4fpY5ir1D-V5wVjV6mbT5oiQmdmp-b605lJsEpo0aqd2heboA==&ch=5Xti6IdX-zz7GYeY_pAnJGeH0LMth7Gm41T-5HVfaN7gu7VtJsYtKQ==)

### [Researchers use plant waste to make sustainable fuel](http://r.smartbrief.com/resp/pEtGDKbjocutoLsUfDlgfMfCWvsc?format=multipart)

### Last month, FAA released [draft policy](https://r20.rs6.net/tn.jsp?f=001HmBtOg4Lr7Ddq34ovRZJQ5TWuc_-LYiZ0YUpsWyeoBSdD4drVc3IdC2Vc6IOqYTIRvXaYLhOzaWr1yRU7Z0vqGZQ_83vF5dyNTFJmxukl1u36FHWsW3-IBs-owG4WaUdVdccPircfYe4sWGOcPsmV12OK7d7cNuEpEVSnn4LOUSgi3qUkNF6YtVeHb-KMSYwAxIcJJb5cpBTxyJknwh-uucYTip6kWUzvJfMk0zoe7MNXIqF3sjK8__R3g4Oi38-i8JVuuUS8dkTJ1qm9AyRQgA2dLk2iBnRN8EtYubFk294yQ-l2qdO_L5iUkDHmgckpzdrX3QMGEGuqT8QrcKrXQ==&c=dkBHhawIZRDmNAVBBlpTkFhvGVUhNjz3VcSA0LcrMYiz1r3ilU_TYg==&ch=nceoQTLS71BiinFy1UjP7Mm3_gXgBUbMB719x0azCZwj8Z59AJHMUg==)for comment regarding processing land use changes on federally acquired or federally conveyed airport land. NASAO provided comments and questions for clarification on the draft policy. [View the comments](https://r20.rs6.net/tn.jsp?f=001HmBtOg4Lr7Ddq34ovRZJQ5TWuc_-LYiZ0YUpsWyeoBSdD4drVc3IdC2Vc6IOqYTIcjp20TXzpPtyGo5uKAaTNy_-ZJcEIP_h2DAHhPxNCbKeDTPrXQkrZ4TlbYdG4r9WAKAEx5LRKpM55mDfdaT75htDds6zD3QexhQxv_N5z1ZBQv60F-7iGTu_SiMuY5ZleP3T7Qtkv5YxdWCdovwNSwKOWgKmdzr-wjUdrVQwZ1r-YoTAbu1hAZPSwdO90BZj2N_OFwtYG_CA57J9hvNiUawUHPRPmmqEc8TeYNxIK2U=&c=dkBHhawIZRDmNAVBBlpTkFhvGVUhNjz3VcSA0LcrMYiz1r3ilU_TYg==&ch=nceoQTLS71BiinFy1UjP7Mm3_gXgBUbMB719x0azCZwj8Z59AJHMUg==)

### [Sustainable aviation fuels: frequently asked questions and answers](https://stateforesters.us11.list-manage.com/track/click?u=06c384d90c91720901353e8bf&id=decb225ed8&e=be712403a1)

### [Ohio Leading the Way with New Aircraft Tracking System](https://stateaviationjournal.us1.list-manage.com/track/click?u=e87f320d3afba63a319b38d2d&id=16b5bf1a9f&e=6edabe5e85).   As the number of drones grows, so do concerns about how to keep airspace safe for both crewed and uncrewed aircraft. Ohio is pioneering technology to do just that.

### [New cybersecurity rules for aviation coming after attacks](http://r.smartbrief.com/resp/pCyuDKbjocusmjgIfDlgfMfCuQRB?format=multipart)

### [Are sustainable aviation fuels ready for takeoff?](https://stateforesters.us11.list-manage.com/track/click?u=06c384d90c91720901353e8bf&id=0cc87bd89a&e=be712403a1)

### [Unleaded Avgas Conversion Considerations for Aviation Fuel Providers](https://www.nata.aero/assets/Site_18/files/EAGLE/NATAUnleadedAvgasConsiderations.pdf)

### [FAA, Universities Pursue Critical Research to Achieve U.S. Aviation Climate Goals](http://r20.rs6.net/tn.jsp?f=001uOF8XPh_YyAgFevQ3Xd9Ss75HmlJh4s1Z6y2_Nvg71T2020LU3371PRoLUJZ-4iIU-tXScBlD-NyEn21cbgDuN65YXeV8yPdi7hYMAYqRLrZUVkgOoK62xfGs4J4EzkGjWGcGy7nCoMg-O06vErV440TzYtEpKiMya61ph_Eua4438MJQvZVqHWkwAXbeHHkYvK7vNM1CcS2fZQi5iRTOflBb2wZXUEUtMo_WY_X8XK4uQUCe49uX1tN3T9AklJCSUBxK9I1T3Gk4iZ4eZLxqC1Nr9UVYW0f&c=-a91oB1hxL3gMhau8xDaWgNV2IIQU5aScGR3sUhk2xuqfbU-EbPMOQ==&ch=OgTKTuqhbrnt4o61kgub7eZVLFglrGTnm5WJE3urQrD7keKlGCW-Kw==)

### Earlier this year, the FAA and aviation and energy industries announced the [Eliminate Aviation Gasoline Lead Emissions (EAGLE)](http://url6130.epa.mediaroom.com/ls/click?upn=-2BroytcZInNRyuFbAvAoN5eJhBEt8m0DdyEEkSNo5f2Hgk13qyA7CGoQ20-2Fty7gi8AqhHEbNGlNHI9rxeqNSoGFYcF9NEmXkPH7FkGPPBeZ5OrkyRZAmmCQ-2BWJLZUn7pUkEUHfzaxD2BRmK8jIAWUl8UMH65-2FLUwKPnxs4BlT5uNcniyI3fP2hk9QKP7-2B9JNXoWDgkBccuvhY8qztu8ki6oJVZukYw99cHdbeIqY33AjRv0st5FgQD7LRwdsNYmyzx9md-2FIGr0lIyxF5UBLRHxbkGu64tO0a4kBCHKPmmaTEW9oaRbwkt2-2FmEi0a3m-2FGO3rGP7qBHG7SVXvFLhO-2F9gwn3TlNMy8Q2Y1FaChOJCgFXAXiNb-2FXO49RUmzu0P1XpAvdB4-2FUUSSSA1lo3I3zDSQb3pZnPgNoTr89crt1aZ28fnRUNa9yLIx37BRS-2BjOBOl-2FjrvYcN3HlioMXqrqN9i5w0Ni-2BJtWPSjEkD5DewYX9ZCV8BiCSLWhlvvmYevPD0LT5rVlXDH1kckH-2BwnQilffJ31JCvHB4N8dLZZZ6SJKg-3DYmdw_AaQ4O2nolm4SzV0duT1lOPqcWDrFUWLTEL7jouypXbloZLC-2BQee4dgBZZemKYw7k4ExNCIwBd9-2FvEp6WAjQGQYxHCF2hWEdy4cKgcpPvk4NQvcU19eBiejIlP8yoNkTQedRm4b7-2B2sfcY8SxibVNGz2Bj59-2B6g2NwjUvzTMwu0yKPZjs5K3aDjF6UgTTGVL1M0h7tjkiFBHdlgcxcgnrE7oobaiKKOpMLBodAY-2Bz5d3ZkV4r-2FVLUy5x7kMnMr-2Bcl) initiative, an effort to transition piston-engine aircraft to unleaded fuel. Already, the FAA has approved the safe use of an unleaded fuel that can be used in a large number of piston-engine aircraft, along with other unleaded fuels for specific aircraft. [Learn more about EPA’s proposed endangerment finding here](http://url6130.epa.mediaroom.com/ls/click?upn=-2BroytcZInNRyuFbAvAoN5fRlOlqJDpi0ZqmGzxBf2X0Wt4dPF0gbleTsChskiWPpcQG5x1kqkhLvZq2DTSstcVESahu0apcf-2Fq7-2Fgwy4XfI2nAS3s31E1CR7GQW6B93-2BboqqywN0PVd1yOUyhyUGNiPduFxBAj0emESUg0GYgag-3DKv1Q_AaQ4O2nolm4SzV0duT1lOPqcWDrFUWLTEL7jouypXbloZLC-2BQee4dgBZZemKYw7k4ExNCIwBd9-2FvEp6WAjQGQYxHCF2hWEdy4cKgcpPvk4NW1lK2-2BCtXk1Fi50Ko9ct0rWMGun5XG8-2FH9IrCh8vyFJyNhX9IMgqrAq4Qt72bDLICIhA1V45QRuf473dZvshUc-2FIbeXezC27SQ465IPN4efxf4FWcTeirE2JDpdv0JSLYa-2FI4DhdCcp2yzt3s3Z54). [Additional information regarding FAA’s initiatives to transition safely away from the use of leaded fuels can be found here](http://url6130.epa.mediaroom.com/ls/click?upn=-2BroytcZInNRyuFbAvAoN5U0ImoTgbSvslywnRKhjnhAssvDispUNzyf8jVJv0NVKxAnCw9DvGreOBAv4sni6Lg-3D-3DYF2-_AaQ4O2nolm4SzV0duT1lOPqcWDrFUWLTEL7jouypXbloZLC-2BQee4dgBZZemKYw7k4ExNCIwBd9-2FvEp6WAjQGQYxHCF2hWEdy4cKgcpPvk4OFAVe-2BZ20sl86g-2FtvS-2Bmj0zd9-2BrG0-2BSlqjU7UNXh01ZYfw7sBZddpBE1lJuL98kGtdLDg5pWrvjGO2zkqU-2B5boSrd-2BQtkhfxICkbR4HJMBSimFmuH5k1USwYAsaMAPrYjT2YFS11W5G90HFzLJcLiw).

### **FAA**

* FAA Release Update BIL Frequently Asked Questions (FAQs) [10/2022] [View BIL FAQs](https://r20.rs6.net/tn.jsp?f=001XAztvKXjaLmpy6RFvMUTkBx_0flxnStOirZ1PRZHiQp6Q7a2Mxcn1TvTq6zf5jiVJy52Uks4csGFuj9ik5o5UV2HW_OUQHWrp05HdJ7TpIwKO2ODfc8IOGabwqjakDNU4fv1j5ZM_AuhRrNx3PERzzG-CfYkmyxD4eS4TymfQUVv5IA_0F-azGr0MAXNmkZULFO2BzW41L8=&c=cmcY7Xq3hFrMixiwjN9c1Z04m7V1LRt7qJWPBplWNJ9ZS7kLSyt-9w==&ch=3w4PtH7Ud-ISuhrI1xxmFU3O7JDBwAKJ6RR7rE2Rv1DmBWppyfkhWQ==)
* [FAA Warns of Aviation Safety Risks Without U.S. Mandate on 5G Limits.](https://r20.rs6.net/tn.jsp?f=001XAztvKXjaLmpy6RFvMUTkBx_0flxnStOirZ1PRZHiQp6Q7a2Mxcn1TvTq6zf5jiVltsoFBylYMIyMXpe_S3z3qTEkAql5rW6xBSwcNsyzFXRvmLo0M8zsSmcfBuuESSTQw3VN2Zp4KKLiWjNz7iAeqlxXAH-N3ARxtN5HAma-wKXGIzQ-5sfNy5IicyVxVOovm0hZysSkgNkikZFTzzygclaUHB-IDri1c3y0OR5jrzu-e9PGDOw_4CbWrO7gXDItqiBH_erkgTd79ZFdhc44j3CKjbQfXmwGPVZWB00g_MmxG3HquCgQA==&c=cmcY7Xq3hFrMixiwjN9c1Z04m7V1LRt7qJWPBplWNJ9ZS7kLSyt-9w==&ch=3w4PtH7Ud-ISuhrI1xxmFU3O7JDBwAKJ6RR7rE2Rv1DmBWppyfkhWQ==) The Federal Aviation Administration (FAA) wants the U.S. telecommunications regulatory agency to ensure a delay in some 5G C-Band transmissions from smaller operators
* [FAA wants expanded ban on 5G around airports](http://r.smartbrief.com/resp/pEnoDKbjocutlDbsfDlgfMfCCFSH?format=multipart)

### **UAV/Drones**

* [Model A flying car available for delivery in 2025](http://r.smartbrief.com/resp/pFwkDKbjocuugdwEfDlgfMfCwsEi?format=multipart)
* [Drone Industry Insights Releases 2022 Market Map](https://go.uavcoach.com/e3t/Ctc/ZL+113/bVpT04/MXgBLmrx7XCW3bZb7c4sgdb1W3Z50n14RL1PsN3Qcf8X3q3nJV1-WJV7CgP2BMBMVWP6XbGNW75dj5-2HmSjgW6vG4XX15y7r8W21Mjlb7dYD0_W7CPJQZ2MYBN5W4_JFGJ1Q3sXgN146hPLRdry1W8WBwvB7ZkvMTW1S91qs7_H3GyW7S0G6-8B99JlW4dyfXH53TGTvW5fVC5r4-DLVkN4M6-sQpZn38W3RCGDX7y_NggW7LNFRC38_xkMW3kvDW3595m7mW7-T7lP4d3YfpW8Sr72c6Kg596W7B9C7112J7jQW6pb7bW83ym0gVk7ht277P9-TW5YRrh-2MKZzmW4BNYtY1-SYl0W88Pfj_7V-dRW3g111)
* [FAA Updates Recreational Drone Flying Guidance](http://r20.rs6.net/tn.jsp?f=001kKX_ymxZBy7w_iSZFWw8Fer6EhdLwB7sFsFJUjWbwPk49g13q87abAeZhh8GZwpr5JpRKtxMmYrakr5YAEPrZHPnRuUkqC90MAYgiQcRyyL0Szxyzh5PfhNOXTw3w7kXdKtKi8nuqK4NxVPZPXfMP7Q6Tike1-WXvorn7cBP9cA_SPhgqgzHiN1ectJbYT5xjcLVTA-chFe7bcJvdTzAkC5A83171w70lYWH6WQnDXZwgCQaxOov_w==&c=7NqXwyB7ENI_E7j1m8S6OYgFoX_vy3sKZk6j95UFyo36B4HWT1dCwg==&ch=1zsvPcYfc8I1Frcnb6sW3ZbWaC4RTlHZObM0edPVrKOBslPxskRz8Q==)
* [FAA Clears New York Drone Corridor for Sightless Flights](http://r20.rs6.net/tn.jsp?f=001kKX_ymxZBy7w_iSZFWw8Fer6EhdLwB7sFsFJUjWbwPk49g13q87abAeZhh8GZwproXJYFI0Tqnt0fgGl4RyukynLnUGqycTN9dXvwlL2thao4cMEiTdyER4eyJrkwzLBYL8N7vivsZb82Px5m3Xj0TMyEOaqbDrpyLnTxoZOsOzREHgC7v6iIsYa3yx4fDzK1saU23eKpNJlKx6JRh9JxOW_4gV-bLwr1Ow5QQ2NdDB1iaBgiZCw2Z9-2LTc79mro04e8iQ9isM=&c=7NqXwyB7ENI_E7j1m8S6OYgFoX_vy3sKZk6j95UFyo36B4HWT1dCwg==&ch=1zsvPcYfc8I1Frcnb6sW3ZbWaC4RTlHZObM0edPVrKOBslPxskRz8Q==)
* [US FAA, Japanese Agree to Partner on Advanced Air Mobility Certification, Operations](http://r20.rs6.net/tn.jsp?f=0016dNhnwRTtNp0DVDluy7-DaPHEchZWynJTRz_siqy3FF8ZHL9Yg9nzfTFSxypuGo9K0603vHjKq6reQtqFFakGPSV9ZFFCt7hAu5o5nNTs5-VRloNNaCDZDym09rpW_Buepd-s9ytRTt-SrUUbAhwk58mP--c6AYNmqunF-AnID50Dz8hrIJeI_yuRUkQKnbvjldDtqfIOgEhb8LoawV1-COp1r8hOL4achC9mTWS0dW9991klfnOFRC5dvDJgtR4aYrXzc7SyRtek_BOiouORNbCBGmWxRn2&c=tW8JJOQrCl-7yyAutCoW3dsJu9VH3hoaJ4nHBbe8hPhFFU85ckbQoA==&ch=rvGFeXtGi7NoZ417sti1H17_84oRN2DVvfB5KGoDEULKsPtxfYv64w==)
* [FAA conference at UND welcomes public to world of drones](http://r20.rs6.net/tn.jsp?f=0016dNhnwRTtNp0DVDluy7-DaPHEchZWynJTRz_siqy3FF8ZHL9Yg9nzfTFSxypuGo9e38wCK_-g20J6DuzaxRg6K-LE0HuTnLaoHXSjGTHmqIMX_kdQv2QgaPrWI9vG8qwtiK_ZgmVeDN0QpGXKiEpUm5XRFw4_H74K8cDWkxhZxO5Ztdgdbta9vwGxoEtO4ZYLWJ_6MQNdc6kCFDrnw5LBx9h_L0F87M5sWf-7_QPSjYXSwgkaihwEg0QZeAC2JKUpDp2F0997srHZb5RdQ4GDw==&c=tW8JJOQrCl-7yyAutCoW3dsJu9VH3hoaJ4nHBbe8hPhFFU85ckbQoA==&ch=rvGFeXtGi7NoZ417sti1H17_84oRN2DVvfB5KGoDEULKsPtxfYv64w==)
* [NASA, Xwing to develop autonomous flight standards](http://r.smartbrief.com/resp/pDdFDKbjocuspSpUfDlgfMfCYAon?format=multipart)
* [Drone industry takes aim at toll lanes in the sky](http://r.smartbrief.com/resp/pCtADKbjocusiUgkfDlgfMfCLuyP?format=multipart)
* [Zipline and Intermountain Healthcare Begin Drone Deliveries in the Salt Lake Valley](https://stateaviationjournal.us1.list-manage.com/track/click?u=e87f320d3afba63a319b38d2d&id=72ebc89b45&e=6edabe5e85)
* [New Biden counterterror strategy puts limits on drone use](https://link.militarytimes.com/click/29320843.109223/aHR0cHM6Ly9hcG5ld3MuY29tL2FydGljbGUvYmlkZW4tYXltYW4tYWwtemF3YWhyaS1kb25hbGQtdHJ1bXAtdGVycm9yaXNtLWNvdW50ZXJ0ZXJyb3Jpc20tN2M1YzZkZmQxMTJhM2IwNDQwNzE0YTQ1MTRmZmY4MDA_dXRtX3NvdXJjZT1zYWlsdGhydSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj1taWwtZWJi/57588738498e574579743a61B542adb09)
* [Competition heats up for Army’s future tactical UAS](https://link.militarytimes.com/click/29320843.109223/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL3VubWFubmVkLzIwMjIvMTAvMDUvY29tcGV0aXRpb24taGVhdHMtdXAtZm9yLWFybXlzLWZ1dHVyZS10YWN0aWNhbC11YXMvP3V0bV9zb3VyY2U9c2FpbHRocnUmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249bWlsLWViYg/57588738498e574579743a61Bc680e741)

## **Spectrum**

* [State Begins Construction on 10,000-mile Broadband Network to Bring High-Speed Internet Service to All Californians](https://www.gov.ca.gov/2022/10/13/state-begins-construction-on-10000-mile-broadband-network-to-bring-high-speed-internet-service-to-all-californians/)
* [FCC to Examine 12.7 GHz Band for Next-Gen Wireless](http://r20.rs6.net/tn.jsp?f=001JlHUlye9r3hpQjWYJWEyVuzpI62p4cshvDDZAAMltERq55b5FLJVcSAyDIUcLLwIN-W4_s5GTDb35EaGYEA43rclero8eR7sd3VTuvLmNSjXUg5zt-JbuxTFM_MALlVeWJFyBTI4G8LNqerZGtXRzz-fSET47WjnEgCs8ZX-POVB4mZFy-OvLO2PdJsMtxpXB6aXLwVOLyzHhyI1tgdOiwx6ft7Jlk5E&c=-AXIubDHcq6QWYBwy5BcKv8K-XI3PhR2YSabPTjS6pwoNvsLPgim2Q==&ch=DfOVl9n4gnZ8VkBnluy4tsKJci8-keKJh97Oncdd3i00Yz29ANduNA==)
* [FAA Warns Of Aviation Safety Risks Without US Mandate On 5G Limits](http://r20.rs6.net/tn.jsp?f=001UbGT6EiNO2_kn3EXKwp7MYd6mkTOLGh5uz4CdKiK1K3SOjrr6O0esBkFnriMaTsSNYKWBCvgGpkEMjBPNisHIGD29tcL-ocCokOiGZNKZTEySIPJmRYII-Wn9IIOcY9l_ntD4EBmO3iqqCI2qhyszsJ9xaWe4zWhkVU13EvhFgedOeHVIXLmM5iwGQ2y6YNkaQdo1TkucXavRhIuY9qpsDX0Qzg16FRSxdFnDbF0yN8yQGIXPPQ7PsV4XnzrUa7iW2jn4blfGrRhWfTnkWKvwgtofE_WDoiMi03grFB0hYmyeb299NXh0ZEkd5PpaSWzBrKER6AMNKk=&c=ppnbFQnLhRJN8xKfV_6HQjE75HunIa_TvrgfrRq0MIn-L4K9_csK7w==&ch=Wv_QQBDt9eWdX9jmy3_MV6QnnQXcYfaLcDYM49L48CN0MTsi4zu4cw==)
* The Colorado Broadband Office (CBO) released a five-year strategic plan to connect 99% of Colorado households to highspeed internet by December 31, 2027. [See the full roadmap](https://coresiliency.us13.list-manage.com/track/click?u=1d97570d5b1d9d9b89bf4591b&id=8d3bb29d4f&e=1278e580ca).
* [Construction Underway on 10,000-mile Open Access Broadband Network in California](https://link.route-fifty.com/click/29268741.19376/aHR0cHM6Ly93d3cucm91dGUtZmlmdHkuY29tL2luZnJhc3RydWN0dXJlLzIwMjIvMTAvY29uc3RydWN0aW9uLWJlZ2lucy1jYWxpZm9ybmlhcy1zdGF0ZXdpZGUtYnJvYWRiYW5kLW5ldHdvcmsvMzc4NTg4Lz9vcmVmPXJmLXRvZGF5LW5s/542dc73f3b35d0811c8bba13Bab0aa2ac)
* [California Begins Construction on New 10,000-mile Broadband Network to Bring High-Speed, Reliable Internet Service to All Californians](http://r20.rs6.net/tn.jsp?f=001KHBhREEeMIM3Acdm5wghL1EjL4-zBFxhcs2Ye7qmoaXJQ1wgMhx0P0ZBdZvDaolOy-pj5T3Yv8yMcD-NuwXJXVd5XDfvgr4ZvNYlM704aVs-MQ8YTQBtMBfMLkS2SMrqa95XPUsdTtvg7f-LkXEWCWYwFxoKvwRY7A0ijlxrCRVDkR0YC4yrODf34QZGwyRI-KGamn3-QIezI-lRXpTve-5_qmZDOgkNTR76mIrogcxv3ZKPgDbuwGnu2XtVVzl2Kakt-__Du1J6KbGBrBE3bhdZlJ-WBoJ0yfMan5eYQoucgm_pSTzsgUD4GtxHy-FnTFuTnM-rg9T21w7-wBg_SDNeYT6gm-eq&c=_0MBpTT1mPNtLeBF7nHJc7XxX632NHOu93IyBRGmtQzQ8gpGkj8-ww==&ch=s8cqQdn5d6FH_RamoJMxSZBDUhU3Xj_R_OhBSN5LON2wG9kigpZLmQ==)

# Miscellaneous

**Tribal**

* [Proposed rule: Native American Graves Protection and Repatriation Act Systematic Process for Disposition and Repatriation of Native American Human Remains, Funerary Objects, Sacred Objects, and Objects of Cultural Patrimony](https://www.federalregister.gov/documents/2022/10/18/2022-22376/native-american-graves-protection-and-repatriation-act-systematic-process-for-disposition-and)

### **DOI**

* [Secretary of the Interior: Satellites will help us fight climate change](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTQuNjUxNTk3MzEiLCJ1cmwiOiJodHRwczovL3d3dy5zY2llbnRpZmljYW1lcmljYW4uY29tL2FydGljbGUvdS1zLXNlY3JldGFyeS1vZi10aGUtaW50ZXJpb3Itc2F0ZWxsaXRlcy13aWxsLWhlbHAtdXMtZmlnaHQtY2xpbWF0ZS1jaGFuZ2UvIn0.1-a31i8ua6q3AUNwbZqTLOwZhJUIC6ka-gb7gbzVVJA/s/854461416/br/145955308175-l)
* [This Week at Interior - October 28](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjguNjU4NTYzMzEiLCJ1cmwiOiJodHRwczovL3d3dy55b3V0dWJlLmNvbS93YXRjaD92PWdOeHVtZTJQWjNBIn0.JhRMZCj3iiC3O8KJ8JbOUuepxZXMMViEBMvbUgaXyjs/s/854461416/br/146958591913-l)
* [This Week at Interior - October 21](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjEuNjU1MTE0NzEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ZpZGVvL3RoaXMtd2Vlay1pbnRlcmlvci1vY3RvYmVyLTIxLTIwMjIifQ.G1V6Nr5_nqAkpBHGrgYS_k3yuIDv4RDrsdEIiIVTe1Q/s/854461416/br/146587535625-l)
* [This Week at Interior - October 14](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMTQuNjUxNTk3MzEiLCJ1cmwiOiJodHRwczovL3d3dy55b3V0dWJlLmNvbS93YXRjaD92PWViX2VFMEFmal9zIn0.hc3B2noeDqgsXXl3-DZo0RL76m4N1FIwOhRGtnp_Nao/s/854461416/br/145955308175-l)
* [This Week at Interior - October 7](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMDcuNjQ4NTc2MjEiLCJ1cmwiOiJodHRwczovL3d3dy55b3V0dWJlLmNvbS93YXRjaD92PWEtSFotTzYyaTlNIn0.m8QcNmgkmVrteMneZMV8hphkCHylhVAqhkXlt1kQ3E0/s/854461416/br/145464590299-l)

### **Infrastructure/Transportation**

### [Governor Newsom Invests $1.2 Billion in California’s Supply Chain to Support the State’s Ports and Freight Corridors](https://www.gov.ca.gov/2022/10/12/governor-newsom-invests-1-2-billion-in-californias-supply-chain-to-support-the-states-ports-and-freight-corridors/)

### [Report On Electric And Alternative Vehicle Infrastructure Summit](http://r20.rs6.net/tn.jsp?f=0019NixvZMWEkGwbYJQ6qjAxD3TBn_MCJzNnDOfbnktZqNIivUHJJvSOq02gtJjYool-3gZ5CUpH6SDncg4JRSGlTTZBbsEmI4sx--2i8lmfIRRSZBJ8XoSQzBNqya3xtmveS7B7d24Ib3NZ8xDK6Z-bUAc9q6Jjk6f0eRxkExVTyRhpOo0fkm_yY3VA1Iy86XkL1UG7oUjWVKWYSadthO_a9KdloOh-rF14WXEJoIhwQdvix4pSd_4rmkCFa05LwnX5Q-65g9WsyM=&c=NPuSXpXet2rJPMzU06EtEKHEV8DFnRFguRQ8TiGlCWmXA2RYKPETLQ==&ch=Xq5sumgW2_CxbxyG8etbiuYecEKUt2q_PZg7TDsojkVrGsxG6RcaHA==)

### [USDOT Announces More Than $703 Million to Improve Port Infrastructure, Strengthen National Supply Chains, Lower Costs](http://r20.rs6.net/tn.jsp?f=001Dt4nLN2BSMoM3lcQwhae7RjWcb-EKnflJAtz_Rw6tfBazI3KK4IdkF7DqhjChcAaDw78ZMJvsrQKzL1stUVbIkAT777-aZaMMpQKPx4XW3UzblnyfSs3EUuTkB-OFUjVioyeS47tJpUywBSA0hbgYl2V-MUWiTO42U0Q1kVXdQ4Evgop1c2mdx0bobFUSTkLN8wJqwvZ3W96ana5eYEwd258JnoiBXNlG54Zc9gIz1ziOxfhgYfbPtAatArw9QL6CRmtBgqZZI52EKMykBlvqfHdTmoXyp4Zex4oEI4Iu1MGfJxzniq_qg==&c=V3ysb4fpY5ir1D-V5wVjV6mbT5oiQmdmp-b605lJsEpo0aqd2heboA==&ch=5Xti6IdX-zz7GYeY_pAnJGeH0LMth7Gm41T-5HVfaN7gu7VtJsYtKQ==)

### [Utah governor, transportation leaders share vision for network of trails connecting communities](http://r20.rs6.net/tn.jsp?f=001Dt4nLN2BSMoM3lcQwhae7RjWcb-EKnflJAtz_Rw6tfBazI3KK4IdkI6UhLjpqKE848WlizWYxlnVYzS-r8HRziOlF0HV2b9aZ_bCZQ6BERuvZV-WNWWRc5TZz_DwmpJ69ICv9NGNgaWbiXC3O64ZCjp8S_wNLoLYu2PvmJ9Ii_R1w6vAUgl2Y_pqOGTJ7O-4wGzu0UhtrypjXzrKnM3EsgEVHGzrXBRcCWRZgDfl-wk6yMRk_GdWWYQgwOYExV3HLOeh-5SqbUZMRtl3jP0IXwPd6ORbzUH0UA5hORDZ3sKMSYE1Jp5lWyIcLB3yTVZW&c=V3ysb4fpY5ir1D-V5wVjV6mbT5oiQmdmp-b605lJsEpo0aqd2heboA==&ch=5Xti6IdX-zz7GYeY_pAnJGeH0LMth7Gm41T-5HVfaN7gu7VtJsYtKQ==)

### [New AASHTO President Roger Millar to Emphasize Resilience](http://r20.rs6.net/tn.jsp?f=001H4T7fnXN32c8mL45QFXwq2rcl2U_hQaTOIpQzMSnsrGH7fQh3w3IJdcIVpwiFmBf8pulGKbceux_pp95P2IE6_nHrI2lIprV-wfQToPdWYiohy9B2e7n4ErNm9NO2SwAtkX_SpLeJZBAcXIhV0eRObMrsTH3ivStixyc31fZB4JmgHnTbW8fwpsPVr2V0Jm93tTNHdlINw5GdJpZwMstAT3EC2ELtSxQq_AbhKBQ14qmoFIj664PT3_OHsjRYYCZfOo1xEJ9uQY=&c=UMzhR-jV3Y4g8nOvLRlmC8XrHrGr72KKQH4jy_dfo3aJOA1sKuBlvg==&ch=8brNK7brf7oHTkj6Cm7MlHSZdjGt-O8om81j_kCvGvM5n3FDB8gYJw==)

### [FHWA Issues ‘Climate Challenge’ Funds to State DOTs](https://r20.rs6.net/tn.jsp?f=001IwTIf_u-nCUU6GZD8rqqOovk129sEmoptgUNBtF_7KQKPLOA3kP0rJ8d2L9t8Ss3xhX5aa-QPLab5is8OHUeg0Qee4-TaJuJlZhTJ0NGIUDKriec6Cm0hO812rVbFn5ukxBVOWpgtRcMX4tPnwM4OGBbxV3UGD5zEgftLiBa0ryFm0tUYC8_YPHoTdiieCwglicUYv87YphDCIcZ_5ROJ8R1Xk9e66_k2oWBfAWThuATcClpGk-zMQ==&c=1ALJnar-oa5SswMqMLZasY6hTCsYvGtM9Yj_KI6wX_qksCazitZCYg==&ch=jWm6R605tUywBzIHyTZLfPoGqDvjrraD_Xb5rc93TA_Lq7UqOLz-zg==)

### [Report: U.S. Rural Transportation System Needs $180B](https://r20.rs6.net/tn.jsp?f=001IwTIf_u-nCUU6GZD8rqqOovk129sEmoptgUNBtF_7KQKPLOA3kP0rJ8d2L9t8Ss3C4aulv9oG3B2M-2sC78dYvHhVu2VwMN6dHgl8d4CZYb9Vbxcnr4i8XjnjHUBYE7OMGX_z23iH7ZKxWLb4VYlmLxNLL1dnBDjLl-Ukig4HnAQAiTagCJ_CgU36sLTkofFzEkWYTVcBpmh2Bk02hkjFTwWnUY63nGInsc0jHfmUEAcfSc4gm4CQA==&c=1ALJnar-oa5SswMqMLZasY6hTCsYvGtM9Yj_KI6wX_qksCazitZCYg==&ch=jWm6R605tUywBzIHyTZLfPoGqDvjrraD_Xb5rc93TA_Lq7UqOLz-zg==)

### [USDOT Announcement of Shepherd Selection](http://r20.rs6.net/tn.jsp?f=001jRyeW1fjcXkzcmBne_ZDipMWlqFzLIr4o16NgdddQ3qTxoFbMWR0TkasdK3-EXihNCq-t5aSo9x2JWdrfBY0fWGUl_mXHoe5XqLhpS2G7ZqJrIBgUf-lmkiodndIfxUXtL3Q1Eaw98tkhbe6AcqkCu_aK-D7iWnm8ChnTq6o-LjfmnjCvtn3wocGYQWM8mZl3xq-1-FmWhKWWnCiHONbgPoqRRFeg6D-XZAH1LwWnj_niTyXr-FEsaF4JV9ugqVb6OoWKZ-jiV50nWRuXoLxrMcAbBPxF5_VfvZRDkIVgjBqp5qphU6z_A==&c=dQEBXpsDAG_zJhgY0YUxfie3UFDw6met_GamIXleAhNAYvrnNq4org==&ch=T6Ul79B81SjRnQmhEfUxhQupKInfFscxHOpizzy6OCyCgQE9WYqV2Q==)

### [Federal Vehicle Fleets:](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjAuNjU0MjQ0MzEiLCJ1cmwiOiJodHRwczovL3d3dy5nYW8uZ292L3Byb2R1Y3RzL2dhby0yMy0xMDU2MzU_dXRtX2NhbXBhaWduPXVzZ2FvX2VtYWlsJnV0bV9jb250ZW50PXRvcGljX2VuZXJneSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.Mfi3Jy2vJPf6H3qggcXoweDp69xUfNcrSam_H3qPwjg/s/571607519/br/146273908570-l) [Observations on the Transition to Electric Vehicles](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjEwMjAuNjU0MjQ0MzEiLCJ1cmwiOiJodHRwczovL3d3dy5nYW8uZ292L3Byb2R1Y3RzL2dhby0yMy0xMDU2MzU_dXRtX2NhbXBhaWduPXVzZ2FvX2VtYWlsJnV0bV9jb250ZW50PXRvcGljX2VuZXJneSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.F9UgynaVz45AQdldsYmOOXj-dzQxoG4wHFWygfX-_yc/s/571607519/br/146273908570-l) GAO-23-105635

### [What to Know About the $350M in New Funding for Wildlife Crossings](http://r20.rs6.net/tn.jsp?f=0016dNhnwRTtNp0DVDluy7-DaPHEchZWynJTRz_siqy3FF8ZHL9Yg9nzfTFSxypuGo97y-XcfVnGsbWdOHU8b_rolhix6_Gy7cRoWBrr_WNqP3pfn3w85aOhzXlPHeycftsFPpKgsDupwJWnBy173_nPNl5-AyQYGty1RGEryCV0OQtbgOdKR9vk12Oy_l8vRRUZl7A9MrryquzCAfpgwgWY58dw5d5lbluU6CPQ3gvsCPhjV-JZrOWD75lRpjMFDpRv_6pLAj6vWNaYXIX4PoO0UA-MSAMI6BZCALX0FelvRs=&c=tW8JJOQrCl-7yyAutCoW3dsJu9VH3hoaJ4nHBbe8hPhFFU85ckbQoA==&ch=rvGFeXtGi7NoZ417sti1H17_84oRN2DVvfB5KGoDEULKsPtxfYv64w==)

### The White House publishes Action Plan to accelerate the rebuilding of infrastructure to maximize the opportunities of the Bipartisan Infrastructure Law, the Inflation Reduction Act, and other resources. [Learn more](https://r20.rs6.net/tn.jsp?f=001p2gG0kB1172_5tbsPcbmZN-YMqDSMSi3qCmspgXpbS6gIowrD7jtqqFetMMMnIzk6ZoKCGGa7QlZxLFO-1MakTjoqKD6sBJQPAF4VoaD-pWBdw4D7LH6jCPtE54UrKE7PKDsH_X88zkR69q3d1-2X5fpQkzBV6wUv9SdHKqs37goTbrFuZA5_vY27u6scSYgpejKJpbWvmeCvYRRydsK0aJAx6X8T_6fgbCiR97P5tSaEBUZ2LkkNDyZ6tCZJkoAYXc5atF7PBtBoNqQAFKGmg==&c=dF9Q3sPCOMUD299TpXKvcQMgRqKnSQVfMtWdK05cutWv6IqEW9e06Q==&ch=luSr_oHGG8rM7Ru_RmzDRfFYJT-qUb8tseuGC4zpRnjLoDtNLL6T3w==) [Fact sheet](https://r20.rs6.net/tn.jsp?f=001p2gG0kB1172_5tbsPcbmZN-YMqDSMSi3qCmspgXpbS6gIowrD7jtqqFetMMMnIzk-hCBz5qSZG6mF2E8X4MDno3OVJ56q69dWc4AU_OI8wDbAppoV1rDUVBlbuQzs5c4yRGQiuYGSTh3HDayqn8laxoyDjeREor2_M73gd124iDIb5tPJn8qHonu5Knl3yAPRYffRBqitPhTedCMEL4Mr4oZSZHsFKCJkp3WQ4DCBp2mAIsssZIj14f3d6-qUiBCh9yvlUrqNWWbkh0e1zISd_vHy_JxrLfBiwHNUFq5_k7-gT1izM9eplu8D87SyqlY5lKIY6SW0RbRnuKSTTBJ-XyiKjDxOtoJ&c=dF9Q3sPCOMUD299TpXKvcQMgRqKnSQVfMtWdK05cutWv6IqEW9e06Q==&ch=luSr_oHGG8rM7Ru_RmzDRfFYJT-qUb8tseuGC4zpRnjLoDtNLL6T3w==)

### [AASHTO Comments on FHWA's Proposed GHG Rules](http://r20.rs6.net/tn.jsp?f=001-oRFPh_ljq1jJyKlgt_3gp8_Ng8mXSTZcqMfas5AeJDv0O671gVYi3zo1RKMo43bq53BTnbDZWCHmQixwHMI4hX0xUPqhoZpRZ3LOT8rgJI-Aj4X91ORQjtG-4PdIQ_PGTKrrkSjKnNaf6b19mHp1orvsai19EjKgkwT61Vnc-cDLFlo12FT8YzZL_iJ2L_ryJ7IUIyWtiBKtuxoPo4r6sKYW6nNMwmMlohFuMMi18GinGt7iX6o0Eh9kvEtLZ3A&c=ruTkE9qurotO_LirwFcu1QmLihuNJQ9erHXNT40PvOJP3kGSJ6my7g==&ch=3RK-lbMJejirOe8bDMA3Qy9-f3PmjYjNRINE9UmDgshYG3r57GlWqQ==)

### [State DOTs Talk Infrastructure at White House Summit](http://r20.rs6.net/tn.jsp?f=001-oRFPh_ljq1jJyKlgt_3gp8_Ng8mXSTZcqMfas5AeJDv0O671gVYi5KWxthyjndg1Kmyda4OynFLJo0K-OuRCvPRP8vFENTyhKL-cTBMDE7ef5o1LCGTU0pmFXpDfHlmrdFRyQ1j1CPCrkZMO8bz90kh5-JOndjdzJ7bbSqBOjFMEGeZ8WnR2-mPWh4Y8U_yTMRymqBNrctp1C5UtNSh5tlQiRcU6lMDjNgFcXPxNuS_d2X9B-etFA7R7BVEGa2ABXF-ajw6FrHhh9q8wrqUXQ==&c=ruTkE9qurotO_LirwFcu1QmLihuNJQ9erHXNT40PvOJP3kGSJ6my7g==&ch=3RK-lbMJejirOe8bDMA3Qy9-f3PmjYjNRINE9UmDgshYG3r57GlWqQ==)

### [FHWA Announces Bipartisan Infrastructure Law's First Bridge Investment Program Grants](http://r20.rs6.net/tn.jsp?f=0019OclnpLAAvF-406oZAuJozHUqjx7ro6aHlYktjOS4jUvl69lom0bjxnrTvufdDS9MYeEQxiWBg-tK5_swdztdKUSTnj0R4CN-FKp4NjmFuyBZGlkxTjQoj5X2HKt_GBkEnUABse6lZPxBNjOmr2TQfsmcAkyezm4SuzLR3jXP3xlloemnicK8kw--zLDUhlAbmOdJA-KgC65qmG2abfm83ZQiTn7SqcmF4SEFF9WhDjjua3oNAqAk7rsHxoFV9rnJMU-pSKqEcuZ0iOqXX0yHrYk4tTNNSqCiPugwm4Okdw=&c=dSixdd73A40F7hZzE91oX68W8AT97V_0tDq-ZjSGKv54p3V8dkQdSA==&ch=-RaPAcgUzh6S9ldmOY_mx7cX6l8rqLKNECo02dChnlixttJaoLFyog==)

### [White House aims to speed-up pace of building infrastructure](http://r20.rs6.net/tn.jsp?f=0019OclnpLAAvF-406oZAuJozHUqjx7ro6aHlYktjOS4jUvl69lom0bjxnrTvufdDS9YBR1z23Y2XD3WfwEVoc704RFHq5ugQatABRLOO5wgfR5zL4NsgMkSmbMF8A0hqTgkTQOMcie3sjWCOuP56x3sVH5tK6B-Kd51oOW0V3yh0WUBCzT2yxqBcamjovQmrhzUzaQzh-fGqE06QAQg8gnxrLMtQm4I_rZrCjLicX_JYp09_qke8UfKzax0GE8U4iHlZf6Fima47A=&c=dSixdd73A40F7hZzE91oX68W8AT97V_0tDq-ZjSGKv54p3V8dkQdSA==&ch=-RaPAcgUzh6S9ldmOY_mx7cX6l8rqLKNECo02dChnlixttJaoLFyog==)

### [How States Prevent Wildlife-Vehicle Collisions](https://click.pewtrusts.org/?qs=8253af13d51096cecf037d501fa7b58313ca6edda5b2763cb53f24f293518531ade2a55378f14ed861e763418f0697acb6e1dea141fc5110)

### [FHWA Sending States Nearly $60 Billion from the Bipartisan Infrastructure Law for America's Roads and Bridges](http://r20.rs6.net/tn.jsp?f=001_tsXcgck-KjVuc-4tIAzvh2PYqev7ZXo1cZpkBRY19H7wtgRwNStru1WKHPoEkTA9E-2cRxCfc9OP2biUWyytlj0FTHFpJedAhCLX736-NsXG4BOu-Cw9zMVaa1xzFnI37aU20RnfkkmGb_vrhVYe2c_tX6hOSv4FkTvJJI20JuwWYD5KKcBRl1P2vIJQ2bxAklZF2rzYz-Nm4zLNFDyBloQJCwK_gO2isGu-HYiXaR8IOAeTBM2tpXkeRvQBapkDtwEIaOBXU8EQDvSfOqlLmW94niMEtRXWHoMHUXszZ7biMGl4fEPrg==&c=81Osq0vKE08mNLFriA-PQAersUJcG3-Yiuvj89TxVvy7p1pZunwH9Q==&ch=gYN1ffnJvF404o2TLtZK4fcnImomIe98v1gnfvfthgRlCjrcuR5Ltg==)

### [Expect More EV Charging Stations as States Tap Into Federal Dollars](https://click.pewtrusts.org/?qs=e70df4f7b2f9d5b2473f1e84b409e9b6149178cbf9774afd0f027bacabd657bc729f5a34d233552824ad388932df0e05ab51fe1db88aa104)

### [Biden-Harris Administration Announces $2 Billion from Bipartisan Infrastructure Law to Finance Carbon Dioxide Transportation Infrastructure](http://r20.rs6.net/tn.jsp?f=001uOF8XPh_YyAgFevQ3Xd9Ss75HmlJh4s1Z6y2_Nvg71T2020LU3371PRoLUJZ-4iIlgRa-T9FQTuG0ED2FdVw7wvKXeZ2fTHsOqz_j8UNzLTbI4708sINkFRQWjYiTsCjpKokZd9W0lbu1x-ZE8bx54hGF3RGIb0cCyaDz_s4USd8bsYZB4uEk8Gr2J10U7ZO9f_uPA7HH2FzayIjE2918V0tcu5a9hKSPQ--K-RaOnPJA2D5Olyx1aDS5v0gmIFxHkGtXmaSMipSlC1qKiEYhXmQURTGissAiPTmshjE7Xg=&c=-a91oB1hxL3gMhau8xDaWgNV2IIQU5aScGR3sUhk2xuqfbU-EbPMOQ==&ch=OgTKTuqhbrnt4o61kgub7eZVLFglrGTnm5WJE3urQrD7keKlGCW-Kw==)

### [West Coast Governors Sign Climate Pledge Covering Ports and Shipping](http://r20.rs6.net/tn.jsp?f=001uOF8XPh_YyAgFevQ3Xd9Ss75HmlJh4s1Z6y2_Nvg71T2020LU3371PRoLUJZ-4iIn2g55LJ0QTlaFj8rzY6Iq3g30m1E1O51f2TfzXk9rHAgjkF8z-LiGAj0tmI6tyMidNWxCXdv3UxxUliOz7SbbolL9zRzu6Sz4CTVYMdTxfzQFJgFwSZPtOz2lvwDcwVTemQXE0h1M0fgLIEb7QVNzOsZCxhX_g_PsE27NJh-NHeAY3IxZZaecTM0sCuc0LbCv8473OXdxppMgdRSKlh7aY5QgfvrEMqn&c=-a91oB1hxL3gMhau8xDaWgNV2IIQU5aScGR3sUhk2xuqfbU-EbPMOQ==&ch=OgTKTuqhbrnt4o61kgub7eZVLFglrGTnm5WJE3urQrD7keKlGCW-Kw==)

### [USDOT Launches New Program to Help Communities Seek Infrastructure Projects](http://r20.rs6.net/tn.jsp?f=001uOF8XPh_YyAgFevQ3Xd9Ss75HmlJh4s1Z6y2_Nvg71T2020LU3371PRoLUJZ-4iICAhZe0LMbNff4nemhxZ8OO3tJXF0MauXMPmSm0mx4V6R_d50caB5UqyHMBTv_X0boEdPbN4DiXXW-VH9SlJDJJiVedV33GCasW8SlOeHsPnnV6aiMr-BA__AsJHlvFFl7KupOTZ549ZrrGzXl_Lo8mY8bPKnecrcpX_-RCjl0XRuaJWoJhxWiEb0QVgsHCvU7_5h93PRJZaI6p7iEWu8rj9MSJ7L3WSW-yh7EVixN0BXxgPhf36XjSX3PC-nZ1-g&c=-a91oB1hxL3gMhau8xDaWgNV2IIQU5aScGR3sUhk2xuqfbU-EbPMOQ==&ch=OgTKTuqhbrnt4o61kgub7eZVLFglrGTnm5WJE3urQrD7keKlGCW-Kw==)

### **States**

* [States' Rainy Day Fund Balances Boom as Uncertainty Rises](https://click.pewtrusts.org/?qs=d1cdd7510d2c3c30158b24aac3a5bf7bf8221b0084f72e3b8fd9e7971a9d8874dd1893c15366e09233f9b51084cd88b94b504be00244753d)
* [California to Invest $1.2 Billion in Supply Chain to Support the State's Ports and Freight Corridors](http://r20.rs6.net/tn.jsp?f=0019OclnpLAAvF-406oZAuJozHUqjx7ro6aHlYktjOS4jUvl69lom0bjxnrTvufdDS9tXej0cGdH0do2LuJiZhNLMLyjFnzNnSkibPHBO7RWBVYyYEbl0Yq25j4Vpx0D0YNJrEuld6JVHhA_V3y7QFZc7lBs-oiWOVC4PPHTt90iwKRehIJUwxqJIDZC0TG3_I26dx1dZY9keM-w3aE8cXJ2wTKFWshwNjvuOjO6B0HmthQZ3lGjXVIo9Kr9PWB1SZEBgexAV0kuTg-03PhIz6dQX1vlQ90sRO9-SMp1SicZpDGD5tKLQVbgVJ3PpMPsZR180BIJKjGhZ-MUhPZxuYSFXXuYMBWESxE&c=dSixdd73A40F7hZzE91oX68W8AT97V_0tDq-ZjSGKv54p3V8dkQdSA==&ch=-RaPAcgUzh6S9ldmOY_mx7cX6l8rqLKNECo02dChnlixttJaoLFyog==)