Western Regional Partnership

**October 2021 Updates**

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

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# WRP Updates

Deep-dive calls, in support of current **WRP Priority on Building Resilience**, are being held with subject matter experts on resilient energy infrastructure, resiliency of airspace, disaster mitigation and water security. Other webinar and Committee calls are in process of being confirmed; details forthcoming. Upcoming WRP Activities (please contact amyduffy@westernregionalpartnership.org for more information):

* November 29: WRP Resiliency of Airspace call to more fully scope Gap 3: Development of Counter UAS State and Federal Policy
* November 30: WRP Resiliency of Airspace call (full team)
* December 1: WRP Disaster Mitigation Deep-Dive Call
* December 2: WRP Resiliency of Airspace call to more fully scope Gap 1: Ensuring the military has sufficient airspace to meet DoD readiness requirements
* December 3: WRP Tribal Engagement Temporary Working Group Call.
	+ Presentation on Broadband efforts on the Navajo Nation by Ms. Velena Tsosie, General Manager, Choice NTUA Wireless; and discuss WRP TETWG efforts. Click [here](https://wrpinfo.org/rsvp/?meetingId=62619) to RSVP.
* December 6: WRP Water Security Deep-Dive call
* December 7: WRP Resilient Energy Infrastructure Deep-Dive 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**

**FERC**

* [FERC & NARUC Announce Meeting Agenda for 11/10/21 Joint Task Force on Transmission](https://ferc.gov/news-events/news/ferc-naruc-announce-meeting-agenda-111021-joint-task-force-transmission)
* [FERC insight | Volume 9 | October 2021 | FERC-NARUC Joint Task Force on Transmission](https://ferc.gov/news-events/news/ferc-insight-volume-9-october-2021-ferc-naruc-joint-task-force-transmission)

**DOE**

* [DOE Announces Agency Climate Adaptation and Resilience Plan](https://www.energy.gov/articles/doe-announces-agency-climate-adaptation-and-resilience-plan)
* The research paper, “[Optimal Strategies for a Cost-Effective and Reliable 100% Renewable Electrical Grid](https://nrel.us14.list-manage.com/track/click?u=cfb46c07f566f9a82b5fa0488&id=81ddb63135&e=0351f58cce),” appears in the Journal of Renewable and Sustainable Energy.
* [Solar Forecasting Informational Webinar](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjEuNDc3MDE2MzEiLCJ1cmwiOiJodHRwczovL25yZWwuem9vbWdvdi5jb20vd2ViaW5hci9yZWdpc3Rlci9XTl9NZ0p4eFNVWlM5LTJmVnJRU2toeVpnIn0.YcCjhhMpuuu0nwFZP9jRyFchdEqoY0sEiXah2rIuDAY/s/500304739/br/114396838811-l), **November 8 | 12 p.m. ET**
* In support of the [national goal](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTQuNDczNjg3OTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2FydGljbGVzL2VuZXJneS1zZWNyZXRhcnktZ3JhbmhvbG0tYW5ub3VuY2VzLWFtYml0aW91cy1uZXctMzBndy1vZmZzaG9yZS13aW5kLWRlcGxveW1lbnQtdGFyZ2V0In0.Zo3cE84JysZkYBAR5qaxTvhDgrCfwl-J6zUWBjb5Xbg/s/1420386858/br/113938256691-l) to deploy 30 gigawatts of offshore wind by 2030, DOE’s Wind Energy Technologies Office has published an [*Atlantic Offshore Wind Transmission Literature Review and Gaps Analysis*](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTQuNDczNjg3OTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L3NpdGVzL2RlZmF1bHQvZmlsZXMvMjAyMS0xMC9hdGxhbnRpYy1vZmZzaG9yZS13aW5kLXRyYW5zbWlzc2lvbi1saXRlcmF0dXJlLXJldmlldy1nYXBzLWFuYWx5c2lzLnBkZiJ9.fTRM0lhbud_Mz6DO7VmD0DTURXEB1fHOU477Pda60Dc/s/1420386858/br/113938256691-l)*.*
* Fall 2021 Wind Energy Technologies Office [Wind Research and Development (R&D) Newsletter](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTQuNDczNjg3OTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2VlcmUvd2luZC93aW5kLXJkLW5ld3NsZXR0ZXIifQ.ve86v0TjQNcSXLOZQgM--Q-HZ7SVHWf69jlRLh5ot3U/s/1420386858/br/113938256691-l)
* In support of a [joint interagency goal](http://link.mediaoutreach.meltwater.com/ls/click?upn=Ns9rz0I2aLTP5COfhnm-2BfAPSSBEfNYVa7W2WnlIKIexdNI7ncNEUJqMnR8clL1eTNKyKzcxMM6lvCEnxbgwQdU2pLlyTWRNRBogrdRjUUclmH2Di-2Bk3p-2BpTYaRLa31bGWMjBT29IdJit2iNiVATr6LCfLF1pP6-2FNWRfQY61oxF0-3Dvywq_vDhyrByJyj9jzFVVCWkYC6P6T-2FMaEpAKtEi2uqULnwLJymDDYrIG-2BKdxtJNAk-2FgfIZPmWet3tREx7gNpry1GEitvN4vzcy76-2B2OGTVRWXNYs1k2zIYqndrhgBd8kFse3b7ubQD1oVlYMgYssKMvrR-2FEuVJsV-2FM7dEq95Z-2BbjtqrUZcfRQ36IvNiSRfwUblP8mqSdeMx7c5FqZnxXANBUAhSSiK-2BjKfozfuuFN2Nw4K3diFBD50N09FSxwWyC7ypTx7ObAXrFqn8ffwoPQyWipAjjrCd4C-2Fax4a9RTnetx8fgPXji7ICc5-2BdatpQINkhsSCmI5K5QzQpQfFTJs6qE7kucjnqswR0r-2BGtmzdjXi4X2nM1XZNA1cZu-2FvcCiE-2FSgUD8sv-2FDN9Kw1RmPb93zcgA-3D-3D) to develop 30 gigawatts of offshore wind by 2030, DOE is funding four projects that will inform offshore wind siting, permitting and help protect wildlife and fisheries as offshore wind deployment increases. [Read more](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDczMTM1MTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2FydGljbGVzL2RvZS1hbm5vdW5jZXMtMTM1LW1pbGxpb24tc3VzdGFpbmFibGUtZGV2ZWxvcG1lbnQtb2Zmc2hvcmUtd2luZCJ9.M1ZrM3OdpnsiAMrANrKPGPCnZ7jnviDEQW3hTZimE-I/s/1420386858/br/113856529755-l)
* DOE released [three market reports](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTEzMTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2FydGljbGVzL2RvZS1yZWxlYXNlcy1uZXctcmVwb3J0cy1oaWdobGlnaHRpbmctcmVjb3JkLWdyb3d0aC1kZWNsaW5pbmctY29zdHMtd2luZC1wb3dlciJ9.hWigdM3tSsUC0I0TWt5gS8nlgZVhnKC1OFkdYN2fxe4/s/1420386858/br/113822418667-l) showing record growth and declining costs in U.S. wind energy over the past year.
* DOE announced a new [National Community Solar Partnership](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDguNDcwOTg1OTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2NvbW11bml0eXNvbGFyL2NvbW11bml0eS1zb2xhciJ9.Vk-Ck2alkBuC87X9MfMea4WnLmWNoVqPNClu7gawOlY/s/187069501/br/113633717303-l) target: to enable community solar systems to power the equivalent of five million households by 2025 and create $1 billion in energy bill savings. [Read more](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDguNDcwOTg1OTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2FydGljbGVzL2RvZS1zZXRzLTIwMjUtY29tbXVuaXR5LXNvbGFyLXRhcmdldC1wb3dlci01LW1pbGxpb24taG9tZXMifQ.KzXkh3GtkyIOhhZzywfZSMZQGqsRcV7FVjYcY-YZoSc/s/187069501/br/113633717303-l)
* DOE announced $20 million in funding to demonstrate technology that will produce clean hydrogen energy from nuclear power. The project, based in Arizona, will make progress on DOE’s [H2@Scale](http://link.mediaoutreach.meltwater.com/ls/click?upn=Ns9rz0I2aLTP5COfhnm-2BfAPSSBEfNYVa7W2WnlIKIeydI0GEclmVv5FjoPqNmvev0M3xXMQ7swUvvIByn2GBKw-3D-3DP46j_XsGA-2Fgkm2IVk-2FlYw8ReyfInBfhVM1jX7ujwx-2BR7thDQqsvHuJjhSfZtNOhW1PCFXHuf3wEBp9Qr4nN69slvB-2F7H6AOes0a-2Be9MNFjWZ-2BUzR0UXIZGhHQigoCf3jN18ezSl0gC0HX1QUSk5RIPQ9qpixo1xe-2BD2-2FrtdgeNeWQJg4cTN6ObrmuAgdOJ9C5C43sPfpsTjx76uhHwNKjX8-2BzIhAmzBiCZRu4DgA2TzfUQEZFDWPmkzM-2BIqMMcLQHpx0klxfZWgpC56J5nV7K7kiPKLVU4inWG-2BihR6HMqtFI8A6CavZavYT0JCmRrTIVfOXG5Aiw4T1sCQEfARO-2BR8Lxb-2FTXiu5i1iz892axRgydcfkbdwEGs3JJdMzHUUQ9f5V0A2cfgIU7P019jh5JQL6-2F7w-3D-3D) vision for clean hydrogen across multiple sectors and help meet the Department’s [Hydrogen Shot](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDcuNDcwNDI2ODEiLCJ1cmwiOiJodHRwOi8vbGluay5tZWRpYW91dHJlYWNoLm1lbHR3YXRlci5jb20vbHMvY2xpY2s_dXBuPU5zOXJ6MEkyYUxUUDVDT2Zobm0tMkJmQVBTU0JFZk5ZVmE3VzJXbmxJS0lleWRJMEdFY2xtVnY1RmpvUHFObXZldktxb2RLOENmaE0zeEpaVTg0NkVsR2ctM0QtM0QxZTlDX1hzR0EtMkZna20ySVZrLTJGbFl3OFJleWZJbkJmaFZNMWpYN3Vqd3gtMkJSN3RoRFFxc3ZIdUpqaFNmWnROT2hXMVBDRlhIdWYzd0VCcDlRcjRuTjY5c2x2Qi0yRjdINkFPZXMwYS0yQmU5TU5GaldaLTJCVXpSMFVYSVpHaEhRaWdvQ2Yzak4xOGV6U2wwZ0MwSFgxUVVTazVSSVBROXFwaXhvMXhlLTJCRDItMkZydGRnZU5lV1FKZzRjVE42T2JybXVBZ2RPSjlDNUM0M3NQZnBzVGp4NzZ1aEh3TktqWDgtMkJ6SWhBbXpCaUNaUnU0RGdBMlR6ZlVRRWFGT21LRDdYeU1iQW9HRFpJSjZUcDlTU0MxcGl5dm54ZnhvQk02R3hhVEJ3UDdGV3Jwa21TRTB4NFlCUWdUZTJVT1piVzhzY0RMVW9uaXJoSWZSaVp1Sk91WDItMkJxVzVCclMwQ0R6T1oyT1piakpRRkZJVS0yQnd5R0h1UUdpWVlmTTF4UzJZN2p2Qk55NVQyRzVtVWtBNG9TY3lObWNoWFl6clNHTE1TZjRnRGxnLTNELTNEIn0.bDJtQiJDh3vt-yCHKpWmjplmqwMramkmwHTayy68nbs/s/187069501/br/113559799134-l) goal of $1 per 1 kilogram in one decade. [Read more](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDcuNDcwNDI2ODEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2FydGljbGVzL2RvZS1hbm5vdW5jZXMtMjAtbWlsbGlvbi1wcm9kdWNlLWNsZWFuLWh5ZHJvZ2VuLW51Y2xlYXItcG93ZXIifQ.6Grq6KI3cDgWJ9y4CAayf8_1CRyQ6pnbFr6yiJlzSRg/s/187069501/br/113559799134-l)
* Nearly half of U.S. households that warm their homes with natural gas [can expect to spend](http://click1.trk-washingtonexaminer.com/rvrrjshgnnlpwljnpkhgkphbfgpsktqtfygflhktntjwk_tmczbhwmczzklchbzzjcmw.html?a=Daily+on+Energy+101421&b=10%2F14%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) an average of 30% more on their bills this winter than last year, [according to](http://click1.trk-washingtonexaminer.com/pljqfgrmjjvbdvfjbyrmybrktmbgycsctwmtvrycjcfdm_tmczbhwmczzklchbzzjcmw.html?a=Daily+on+Energy+101421&b=10%2F14%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) EIA
* Without significant policy changes or technological breakthroughs, global energy consumption and carbon emissions will increase through 2050 as a result of population and economic growth, EIA projects in its annual International Energy Outlook [released](http://click1.trk-washingtonexaminer.com/pjmqfgrmjjvbdvfjbyrmybrktmbgycsctwmtvrycqdqyv_lhzkdgzwnkkrmnggjgwdqg.html?a=Daily+on+Energy+100621&b=10%2F06%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) this morning.

**DOI:** [Interior Department Unveils Plans for More Offshore Wind Leases](https://link.route-fifty.com/click/25312937.2353/aHR0cHM6Ly93d3cucm91dGUtZmlmdHkuY29tL2luZnJhc3RydWN0dXJlLzIwMjEvMTAvaW50ZXJpb3ItZGVwYXJ0bWVudC1vdXRsaW5lcy1mdXR1cmUtb2Zmc2hvcmUtd2luZC1wbGFucy8xODYwOTAvP29yZWY9cmYtdG9kYXktbmw/542dc73f3b35d0811c8bba13B76b37d47)

**DOI-BLM**

* [Notice of Public Comment Period: Grand Canyon West 69kV Interconnection Project Environmental Assessment](https://www.blm.gov/press-release/notice-public-comment-period-grand-canyon-west-69kv-interconnection-project)
* [Public Scoping Open for Proposed Ormat Crescent Valley Geothermal Exploration Project](https://www.blm.gov/press-release/public-scoping-open-proposed-ormat-crescent-valley-geothermal-exploration-project)
* [BLM considers big solar expansion in Nev.’s Mojave Desert](https://www.eenews.net/articles/blm-considers-big-solar-expansion-in-nev-s-mojave-desert/)

## **State Updates**

**AZ**

* [Power-to-Power Hydrogen Demonstration Involving Largest U.S. Nuclear Plant Gets Federal Funding](https://www.powermag.com/power-to-power-hydrogen-demonstration-involving-largest-u-s-nuclear-plant-gets-federal-funding/)
* [National construction company completes massive solar project in West Valley](https://www.bizjournals.com/phoenix/news/2021/10/26/mccarthy-solar-west-valley-project.html)
* [‘Historic’ Ariz. plan for coal towns may ripple nationally](https://www.eenews.net/articles/historic-ariz-plan-for-coal-towns-may-ripple-nationally/)

**CA**

* [California Moves to Prevent New Oil Drilling Near Communities, Expand Health Protections](https://www.gov.ca.gov/2021/10/21/california-moves-to-prevent-new-oil-drilling-near-communities-expand-health-protections-2/?utm_medium=email)
* Using historical fire occurrence data, CBI takes a closer look at the probability of wildfire occurrence in the Santa Barbara county, California, under both historical and projected future conditions. [Read more about the project](https://consbio.us9.list-manage.com/track/click?u=3dea159e4cbe0a0ff3b43eadd&id=038bdb8e0f&e=c5455c0952)
* With support from the California Ocean Protection Council and California Energy Commission, [CBI is working to provide the spatial data and spatial modeling](https://consbio.us9.list-manage.com/track/click?u=3dea159e4cbe0a0ff3b43eadd&id=c0ed28c241&e=c5455c0952) necessary to successfully plan for accelerated wind energy development off the coast of California.
* [California Proposes Limiting Natural Gas Use in New Construction Starting in 2023](https://www.naturalgasintel.com/california-proposes-limiting-natural-gas-use-in-new-construction-starting-in-2023/)
* The state's oil and gas regulator proposed a ban on new oil drilling within 3,200 feet of all schools, homes, and hospitals, the Washington Examiner’s Asher Notheis [reports](http://click1.trk-washingtonexaminer.com/qvpwncjgssdthdnstvjgvtjrqgtcvpbpqygqdjvpvgfvh_inzhbvgndhhwydvbchyvnm.html?a=Daily+on+Energy+102221&b=10%2F22%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94).
* [The Diesel-Fired California Dream](https://www.newsdata.com/california_energy_markets/bottom_lines/the-diesel-fired-california-dream/article_f65b1070-2876-11ec-b3f1-f3ef2c8a4076.html)
* [Power shut-offs loom for tens of thousands of Californians amid gusty winds](https://click.pewtrusts.org/?qs=fcc040a08a7edc277ea4bdab49935eee66d7cf77be0cc62059709062e91d2784933409739dca31479f06ee38fb6bc5a13556f63bb1580d4d)
* [California grid aligns with solar builders to tackle rising curtailments](https://s443791045.t.en25.com/e/er?utm_campaign=NEP%20PV%2006OCT21%20Newsletter&utm_medium=email&utm_source=Eloqua&s=443791045&lid=14993&elqTrackId=19f82dcfe7894b64bb6f01bf13a50d4c&elq=e51bdc1470d7485eb8fffc099a356306&elqaid=66468&elqat=1)

**CO**

* [Colorado Energy Office releases Opportunities for Low-Carbon Hydrogen in Colorado: A Roadmap](https://energyoffice.colorado.gov/press-releases/colorado-energy-office-releases-opportunities-for-low-carbon-hydrogen-in-colorado-a)
* [Colorado Carbon Capture, Utilization and Sequestration Task Force to host virtual public engagement session](https://energyoffice.colorado.gov/press-releases/colorado-carbon-capture-utilization-and-sequestration-task-force-to-host-virtual)

**NV:** [Nevada dilemma: Renewable energy or national monument?](https://www.eenews.net/articles/nevada-dilemma-renewable-energy-or-national-monument/)

**UT**

* [Utah power providers sign historic One Utah Electricity Mutual Aid Agreement](https://governor.utah.gov/2021/10/07/utah-power-providers-sign-historic-one-utah-electricity-mutual-aid-agreement/)
* Utah Carbon Capture Webinar. Monday, November 8th, 2021,10:00 – 12:00 PM U.S. Mountain Time. [Register Here](https://utah.us3.list-manage.com/track/click?u=b30c59e5be675ebd8ad8a11fb&id=0669f87f09&e=042a2081c1)
* TWW Released a New Economic Study, “[The Economic Benefits of Utah’s Rural Renewable Energy Industry](https://thewesternway.us17.list-manage.com/track/click?u=39a4e778a1fa883d9b7510ec0&id=9fea1731b5&e=a82ab4bf17).”
* [Renewable energy makes up more of UT's economy than you'd think](https://thewesternway.us17.list-manage.com/track/click?u=39a4e778a1fa883d9b7510ec0&id=421f538478&e=a82ab4bf17)
* [One Utah Roadmap Update released](https://thewesternway.us17.list-manage.com/track/click?u=39a4e778a1fa883d9b7510ec0&id=146660fa44&e=a82ab4bf17)

**Tribal Updates**

* DOE Office of Indian Energy Seeks Tribal Input on Energy Access and Reliability on Tribal Lands Report to Congress. Where: Virtual. Date: November 4, 2021. Time: 1 p.m. to 3 p.m. Mountain Time (3 p.m. to 5 p.m. Eastern Time) [Register](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjIuNDc3NTQ3NzEiLCJ1cmwiOiJodHRwczovL3JlZ2lzdGVyLmdvdG93ZWJpbmFyLmNvbS9yZWdpc3Rlci82MDM5ODE2ODAwODM1MDY0NTkyIn0.mWS5pUPtwgof4-o0QVYwy9sjVhcOA_AYYPLW5YuEKUo/s/112186182/br/114452251321-l) to secure your spot.
* Decades before the wildfires of 2020 darkened Northern California’s skies, Blue Lake Rancheria's (BLR's) elders and tribal leaders saw smoke in the distance.  Learn more about BLR's Climate Action Plan, targeted sustainability and self-sufficiency through renewable energy and microgrid technology in our [latest blog](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjAuNDc2MzE1OTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2luZGlhbmVuZXJneS9hcnRpY2xlcy90cmliYWwtbWljcm9ncmlkcy1zdXBwb3J0LXRlbnVvdXMtbGlmZWxpbmVzLWR1cmluZy1ncmlkLXNodXRkb3ducyJ9.kjmCa5HT1MPm7VFXJR73UIw5F1VjE9MqfQuhzLEpmA0/s/112186182/br/114308923503-l).
* DOE’s Office of Indian Energy is hosting its second-ever virtual Program Review November 15–18, 2021. The event will take place over four days with multiple sessions and presentations offered each day. Interested attendees will need to register for each session they would like to join. For additional information, including registration links, a draft agenda, and presentations, visit the 2021 Program Review [web page](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjAuNDc2MzE1OTEiLCJ1cmwiOiJodHRwczovL2djYzAyLnNhZmVsaW5rcy5wcm90ZWN0aW9uLm91dGxvb2suY29tLz91cmw9aHR0cHMlM0ElMkYlMkZ3d3cuZW5lcmd5LmdvdiUyRmluZGlhbmVuZXJneSUyRjIwMjEtb2ZmaWNlLWluZGlhbi1lbmVyZ3ktcHJvZ3JhbS1yZXZpZXcmZGF0YT0wNCU3QzAxJTdDU2FtYnJpZGhpLlBhbmRleSU0MG5yZWwuZ292JTdDZGEzOGU0NDcwMDM2NDgyMjE5ODIwOGQ5OTNkZDFhNzUlN0NhMGYyOWQ3ZTI4Y2Q0ZjU0ODQ0Mjc4ODVhZWU3YzA4MCU3QzAlN0MwJTdDNjM3NzAzNDAwMTEwMzg4MDA4JTdDVW5rbm93biU3Q1RXRnBiR1pzYjNkOGV5SldJam9pTUM0d0xqQXdNREFpTENKUUlqb2lWMmx1TXpJaUxDSkJUaUk2SWsxaGFXd2lMQ0pYVkNJNk1uMCUzRCU3QzEwMDAmc2RhdGE9N21tbUdJZTlQTk0xZFZQcHBrWEE3WGtxaXpRaEdNV3JUTzVRa3lYZTREVSUzRCZyZXNlcnZlZD0wIn0.YvtPAnAxSps8WUcMHJsebDEgr0Tc1kF6uggROVAzzS0/s/112186182/br/114308923503-l)
* [Navajo leaders seek hearing on oil and gas drilling dispute](https://www.sfgate.com/news/article/Navajo-leaders-seek-hearing-on-oil-and-gas-16513668.php)

**Regional**

* [AWWI Webinar on Minimizing Collision Impacts for Bats at Operational Wind Facilities, Part 1: Curtailment](https://awwi.us4.list-manage.com/track/click?u=5d3d92cd3e2023b7014cc4e16&id=6bf44c20f3&e=514925af40)
* The group Oil Change International released a [report](http://click1.trk-washingtonexaminer.com/ygklmwpkqqvncvmqnfpkfnptrknwfbzbrykrvpfbqbmcb_tmczbhwmczzklchbzzjcmw.html?a=Daily+on+Energy+101421&b=10%2F14%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) showing that Biden stopping 24 key fossil fuel projects could prevent a massive amount of emissions (400+ coal plants' worth)
* [LNG Freight Rates Move Higher as Winter Nears in an Already Volatile Market](http://www.mmsend8.com/link.cfm?r=TVGbf46yzgDYu38xYhSDLQ~~&pe=3Mf9XvCvVyovlhn3X3By3ga1tG1-cNErOreIE-HlCn1PUFQKrmyG3B5zD1R2gqZqViJGrfX-_Xjg0RnxhaRV7A~~&t=eP_eqacquLhxGQrPrrEkjg~~)
* World energy markets will face more “turbulence” and price shocks this decade due to inadequate investments, the International Energy Agency [said](http://click1.trk-washingtonexaminer.com/qwgwncjgssdthdnstvjgvtjrqgtcvpbpqygqdjvpsgfmn_nfqytfwrpyynqpftqtywpr.html?a=Daily+on+Energy+101321&b=10%2F13%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) in its annual World Energy Outlook.

# Natural Resources

## **Federal Updates**

* [A Proclamation on Bears Ears National Monument](https://www.whitehouse.gov/briefing-room/presidential-actions/2021/10/08/a-proclamation-on-bears-ears-national-monument/)
* [A Proclamation on Grand Staircase-Escalante National Monument](https://www.whitehouse.gov/briefing-room/presidential-actions/2021/10/08/a-proclamation-on-grand-staircase-escalante-national-monument/)
* [FACT SHEET: Biden-Harris Administration Launches Plan to Combat PFAS Pollution](https://www.whitehouse.gov/briefing-room/statements-releases/2021/10/18/fact-sheet-biden-harris-administration-launches-plan-to-combat-pfas-pollution/)
* [October WestFAST Newsletter](https://westernstateswater.org/westfast-newsletters/2021/westfast-october-2021-newsletter/)
* [National Intelligence Estimate on Climate Change](https://www.dni.gov/files/ODNI/documents/assessments/NIE_Climate_Change_and_National_Security.pdf)
* The U.S. can fulfill Biden’s pledge to reduce emissions 50 to 52% below 2005 levels by 2030 without a carbon tax or CEPP, the research firm Rhodium Group says in a [report](http://click1.trk-washingtonexaminer.com/mywqwjznyyplspwyltzntlzvgnljtbkbgmngpztbtqqts_ivzhbvgndhhwydvbddyhdd.html?a=Daily+on+Energy+101921&b=10%2F19%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) this morning.
* The Biden administration [released](http://click1.trk-washingtonexaminer.com/yfqlmwpkqqvncvmqnfpkfnptrknwfbzbrykrvpfblvklk_wlflwvfnsllbdsvvslgwdl.html?a=Daily+on+Energy+100721&b=10%2F07%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) plans for how federal agencies can ensure their facilities and operations are resilient and can adapt to climate change. More than 20 federal agencies released their own plans, a reflection of the administration’s “whole of government” approach for addressing climate change.
* The Council on Environmental Quality issued a “phase 1” [proposed rule](http://click1.trk-washingtonexaminer.com/ggyywfjrggmdnmwgdkjrkdjpqrdfklhlqsrqmjklynykt_lhzkdgzwnkkrmnggjgwdqg.html?a=Daily+on+Energy+100621&b=10%2F06%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) this morning that would once again tell agencies to consider the indirect and cumulative impacts (i.e. climate change) of permitting decisions, not just direct impacts.

**DOI**

* [Administration Leaders Applaud President Biden’s Restoration of National Monuments](https://www.doi.gov/pressreleases/administration-leaders-applaud-president-bidens-restoration-national-monuments)
* [More Than $111 Million in Funding for Wetland Conservation Projects and National Wildlife Refuges](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1NjY5MjEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ByZXNzcmVsZWFzZXMvaW50ZXJpb3ItZGVwYXJ0bWVudC1hbm5vdW5jZXMtbW9yZS0xMTEtbWlsbGlvbi1mdW5kaW5nLXdldGxhbmQtY29uc2VydmF0aW9uLXByb2plY3RzIn0.muNcuYrB_0bQD-3P52kf9wFZsPBtXsiNrYDXrvuGQBA/s/1420386651/br/114241968209-l)
* [Secretary Haaland Highlights Conservation Efforts in Visit to National Wildlife Refuge](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1NjY5MjEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ByZXNzcmVsZWFzZXMvc2VjcmV0YXJ5LWhhYWxhbmQtaGlnaGxpZ2h0cy1iaWRlbi1hZG1pbmlzdHJhdGlvbi1jb25zZXJ2YXRpb24tZWZmb3J0cy12aXNpdC1uYXRpb25hbCJ9.nS1p8BT5DOy0fF40ZC6MqkbNe12vSaaiBSCLmidLrwM/s/1420386651/br/114241968209-l)
* [Listening Session on Underserved Community Recreation Access to DOI-managed Public Lands and Waters](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTUuNDc0MzY0MDEiLCJ1cmwiOiJodHRwczovL2tlYXJuc3dlc3Quem9vbS51cy9tZWV0aW5nL3JlZ2lzdGVyL3RaSXBjdXF1cGo0cEh0RVdhNzctLWg1Ri1aSHlKWXYtZFFXQj9mYmNsaWQ9SXdBUjNKQ0hNdk9FOWtoSDhZZm1JWVFma0lLQ3lxR0xYZk9LUjA2QTl5LWxNem5sRmFhLW5oZ1Jvd21GUSJ9.nQ6UUY6GJlmnnHvw77iOSG2x5gKSFAJFmHtV-d1Jpoo/s/854461416/br/114025612509-l)
* [Interior Department Announces $348 Million for Conservation Projects in Nevada and California](https://www.doi.gov/pressreleases/interior-department-announces-348-million-conservation-projects-nevada-and-california)
* [Interior Department releases climate adaptation and resilience plan](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDguNDcxMDg0OTEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ByZXNzcmVsZWFzZXMvaW50ZXJpb3ItZGVwYXJ0bWVudC1yZWxlYXNlcy1jbGltYXRlLWFkYXB0YXRpb24tYW5kLXJlc2lsaWVuY2UtcGxhbiJ9.duNfJtVUaBCJVHpM8bwGs519MgYs6Fgbe9jZ8lsjQcQ/s/854461416/br/113646502081-l)

**DOI-BLM**

* [BLM seeks comments on proposed extension of withdrawal of public land for possible future transfer to the Department of the Navy](https://www.blm.gov/press-release/blm-seeks-comments-proposed-extension-withdrawal-public-land-possible-future-transfer)
* [BLM to begin a wild horse gather at Naval Air Weapons Station – China Lake](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDguNDcxMDg0OTEiLCJ1cmwiOiJodHRwczovL3d3dy5mYWNlYm9vay5jb20vYmxtY2FsaWZvcm5pYS9wb3N0cy8yMzMzNTM5NzU0ODU0ODEifQ.wYVMO3TVQUlYl5OomRWA0S15t23XBe9j2WOv4hh1G0Q/s/854461416/br/113646502081-l)

**DOI-USFWS**

* [Regulations Governing Take of Migratory Birds; Revocation of Provisions](https://www.federalregister.gov/documents/2021/10/04/2021-21473/regulations-governing-take-of-migratory-birds-revocation-of-provisions)
* [Service Seeks Public Comment on Proposed Changes to Mexican Wolf Management Rule](https://www.fws.gov/news/ShowNews.cfm?ref=service-seeks-public-comment-on-proposed-changes-to-mexican-wolf-&_ID=37042&Source=iframe)
* [U.S. Fish and Wildlife Service and NOAA Fisheries Propose Rescinding Critical Habitat Regulations Finalized in 2020](https://www.fws.gov/news/ShowNews.cfm?ref=%0aus-fish-and-wildlife-service-and-noaa-fisheries-propose-rescinding-&_ID=37041)
* The USFWS is [downlisting the Humpback Chub](https://www.federalregister.gov/d/2021-20964), The humpback chub was placed on the list of endangered species in 1967 due to impacts of large, mainstem dams on river habitats. Contact Westley Foster westley\_foster@fws.gov for more information.
* [86 FR 55775 - Endangered and Threatened Wildlife and Plants; Endangered Species Status for Tiehm's Buckwheat](https://www.govinfo.gov/app/details/FR-2021-10-07/2021-21651) [PDF](https://www.govinfo.gov/content/pkg/FR-2021-10-07/pdf/2021-21651.pdf)  [TEXT](https://www.govinfo.gov/content/pkg/FR-2021-10-07/html/2021-21651.htm)  [DETAILS](https://www.govinfo.gov/app/details/FR-2021-10-07/2021-21651)
* The U.S. Fish and Wildlife Service is accepting comments on a [proposal to remove 23 species from the Endangered Species Act](https://www.fws.gov/news/ShowNews.cfm?ref=u.s.-fish-and-wildlife-service-proposes-delisting-23-species-from-&_ID=37017). The service has determined the species have become extinct. The list includes birds, fish, and mussels. Comments will be accepted through Monday, Nov. 29.

**DOI-Bureau of Reclamation**

* [Reclamation releases updated projections of Colorado River system conditions](https://www.usbr.gov/newsroom/#/news-release/4013)
* [Reclamation releases Pecos River - New Mexico Basin Study](https://www.usbr.gov/newsroom/#/news-release/4009)
* WaterSMART Environmental Water Resources Projects. For water conservation and efficiency projects that result in quantifiable and sustained water savings and benefit ecological values; water management or infrastructure improvements to mitigate drought-related impacts to ecological values; and watershed management or restoration projects benefitting ecological values. Due: December 9, 2021. [Learn more](https://r20.rs6.net/tn.jsp?f=001L5hyE4vGBNHFugTSq3GZcEAQP0lV_SyGujPS6vyS_MW1X9dYVoJtoY8ql5ILPUIRbXX8OmF_VPKIC5ai4Lmt4w4pCJXLWbN-aJe6FuHS-dNZeDr91OuVypfk29wdY_7TjUgPJoUarBrlQJEc7saNj4TIWB54MXYHH1GVgYZOmZUnIhRCDClIHwI6dHJQfuNn52RcPx7LaSyltyESZ55H7w==&c=LOAnvFDfVpx0qCmPkspyXggoBXuFbeqpoFeroGGPyAh9TIpATGDbaA==&ch=UTzaZG_WbgIVs07YtZJ84lrS4iHw6CE-BZauLWnCK1n-rQqZ4ryEhw==)
* [Updated projections](https://www.usbr.gov/newsroom/#/news-release/3994) for Colorado River system reservoir levels have been released by the U.S. Bureau of Reclamation. In particular, the projections show a continued risk of Lake Powell and Lake Mead reaching critically low elevations because of the ongoing drought. [Five-year projections](https://www.usbr.gov/lc/region/g4000/riverops/crss-5year-projections.html) are available on the Reclamation website.

**DOI-USGS:** To improve State and local groundwater monitoring efforts to more effectively manage groundwater resources at the regional and national scale and to enhance communication and data sharing between State and local water resource agencies and the U.S. Department of the Interior. Due: January 20, 2022. [Learn more](https://r20.rs6.net/tn.jsp?f=001HCpThYAW94XQM7FFdbik0JwmeTh-nBtW5VJo23lfuEzcitDvDs-Fsb1cO6extyTpmtbadkiajxHNHUifEe5QEPPfyjmKN0t29AzeUdA5PhBuUrjQ6EGETRdCoS2lp3ozF6PEE5QggoWCg8AMVuOm8XBLiBwSpTDVxgGBVdT8y5oFAg0UsNTTqFBoigdceHsdhQ7BGJGhAN-agXI7wfjMSg==&c=Imt3kAVRTRLImGNEXhrA7PLgg50JbI4i5f7Y2HdYLyVlbDCZTytmGA==&ch=uejSSwJtO2_NBuWPG-5WzBqIVzVGWDSZI0DDi5UlIfjU_p4xz05M2A==)

**EPA**

* [EPA Publishes its 2021 Climate Adaptation Action Plan](https://www.epa.gov/newsreleases/epa-publishes-its-2021-climate-adaptation-action-plan)
* [EPA, Army Announce Regional Roundtables on WOTUS](https://www.epa.gov/newsreleases/epa-army-announce-regional-roundtables-wotus)
* EPA took an important step forward to advance President Biden’s commitment to action on climate change and protect people’s health by proposing comprehensive new protections to sharply reduce pollution from the oil and natural gas industry – including, for the first time, reductions from existing sources nationwide. [https://www.epa.gov/controlling-air-pollution-oil-and-natural-gas-industry](http://url6130.epa.mediaroom.com/ls/click?upn=-2BroytcZInNRyuFbAvAoN5fNPHEUvp9t9kfTUxA7grx9UAetecL6RfjIA41ZsIOCGibiCL1aYSKDINB-2Bk7tQZo0SdS8tX06DyK3B8mt-2Ft6R712-2F2vvRTtM37-2FoL7Ad1saL5Tj_AaQ4O2nolm4SzV0duT1lOPqcWDrFUWLTEL7jouypXbloZLC-2BQee4dgBZZemKYw7k-2F8CxELaS8D5SapAe6XLtxkSiJ7m5CvSkeiBDewxnPNTqlwftR39d3qcldJAS2Det1JlDfdB18jZOOLoGItE2W9CzuodoRIUHnV5LYaKTGGyMSOqYOPbEqVy5G84uWOyVOpdq31ZT61KoeG3dcEB-2BlkMb-2FBZrWwFbtB-2FylNTEoUznIXykGJZ-2Fpp0WRZXQ4WWO)
* Nov 9-10. New: [EPA Federal Funding for the Prevention, Monitoring, and Treatment of Harmful Algal Blooms.](https://r20.rs6.net/tn.jsp?f=001L5hyE4vGBNHFugTSq3GZcEAQP0lV_SyGujPS6vyS_MW1X9dYVoJtoehO5kJyobTrQj_bnpCCJ3vgCEh9IllKYgq_KT3pvYjUNOdUrcEt9ZwHxuC30GKj3o2JUlZkTFnsX74bQIsNcV7JMjlHJ3lEWylXFzz7nGwE2YpGLZPLf51_melaLcPmZ7QDk1M6L8CA7pkGOi92Bog=&c=LOAnvFDfVpx0qCmPkspyXggoBXuFbeqpoFeroGGPyAh9TIpATGDbaA==&ch=UTzaZG_WbgIVs07YtZJ84lrS4iHw6CE-BZauLWnCK1n-rQqZ4ryEhw==) FREE! Online.
* [EPA Takes New Step Toward PFAS Regulation, Cleanup](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=bb08034299&e=822f95e226)
* [EPA Responds to New Mexico Governor and Acts to Address PFAS Under Hazardous Waste Law](https://www.epa.gov/newsreleases/epa-responds-new-mexico-governor-and-acts-address-pfas-under-hazardous-waste-law)
* [EPA Seeks Input on Proposed PFAS National Primary Drinking Water Regulation](https://www.epa.gov/newsreleases/epa-seeks-input-proposed-pfas-national-primary-drinking-water-regulation)
* EPA [announced a plan](http://click1.trk-washingtonexaminer.com/rtwrjshgnnlpwljnpkhgkphbfgpsktqtfygflhktkcckw_bfpljfdcqllypqfjgcqdff.html?a=Daily+on+Energy+101821&b=10%2F18%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) to crack down on PFAS chemicals, which are used in products like cookware and firefighting foam and can contaminate drinking water to post detrimental health effects.

**USDA:** [USDA Celebrates 2.5M Acres in 2021 CRP Grasslands Signup](https://t.e2ma.net/click/xwr0qg/pqdn3po/lfuhso)

**USDA-NRCS**

* [USDA Invests $21 Million in Effort to Help Producers Build Drought Resilience](file:///%5C%5Cwps%5Cportal%5Cnrcs%5Cdetail%5Cnational%5Cnewsroom%5Creleases%5C%3Fcid%3DNRCSEPRD1841021%20)
* [Public Webinar - Decade of Science Support in the Sagebrush Biome - November 18, 2021 | 3:00 PM ET](https://t.e2ma.net/click/xwr0qg/pqdn3po/91rhso)
* [NRCS Announces Conservation Funding Opportunities for 2022](https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/newsroom/releases/?cid=NRCSEPRD1838440)

**USDA-USFS:** [USDA Now Accepting Grant Applications for Wood Products, Energy](https://www.fs.usda.gov/news/releases/usda-now-accepting-grant-applications-wood-products-energy)

**NOAA**

* NOAA’s Climate Program Office is soliciting applications for eight individual competitive research programs through which high-priority climate science, assessment, decision support research, outreach, education, and capacity-building activities are funded to advance our understanding of the Earth’s climate system. [Learn more and apply.](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTExMDIuNDgyNzUxODEiLCJ1cmwiOiJodHRwczovL3d3dy5ncmFudHMuZ292L3dlYi9ncmFudHMvdmlldy1vcHBvcnR1bml0eS5odG1sP29wcElkPTMzNDYzMyJ9.G-zsw2FwFakqldnHDHxc3pdTfrgbhZglPe-mhrJZjFY/s/112186182/br/116393500165-l)
* Data compiled by the NOAA shows [2021 is neck-and-neck with the Dust Bowl as the hottest summer](https://www.noaa.gov/news/summer-2021-neck-and-neck-with-dust-bowl-summer-for-hottest-on-record) on record.

## **State Updates**

* [States Can Use Nature to Cut Flood Costs, Damage](https://click.pewtrusts.org/?qs=911780ad09e701186348175a698eb6b88c1f15ff8c3f7844517f2008d7aec115ba4ed07aa2ca4c4b657823571511b42bea5bf4f1c238596f)

**AZ**

* [Governor Ducey Invests $30 Million To Protect Lake Mead, Colorado River Users](https://azgovernor.gov/governor/news/2021/10/governor-ducey-invests-30-million-protect-lake-mead-colorado-river-users)
* [Arizona Chamber Foundation policy brief examines groundwater policy](https://chamberbusinessnews.com/2021/11/01/new-arizona-chamber-foundation-policy-brief-examines-groundwater-policy/)
* In accordance with [HB2691](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMzAuNDgxMzIzMDEiLCJ1cmwiOiJodHRwczovL3d3dy5hemxlZy5nb3YvbGVndGV4dC81NWxlZy8xUi9sYXdzLzAzMjUucGRmIn0.2vg80IpcJ1_RcwLoHIWWOHGn9n3CSYqDVGoMMB1_Wp8/s/1163390859/br/115447162867-l), signed by Governor Ducey on May 5, 2021, ADEQ is publishing the initial Protected Surface Waters List (PSWL) in the Arizona Administrative Register and on our Surface Water Protection Program webpage | [Visit Page](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMzAuNDgxMzIzMDEiLCJ1cmwiOiJodHRwOi8vd3d3LmF6ZGVxLmdvdi9TV1BQIn0.Ugp-D07YYkvp_kqLq3ItT1caXpFgmJYcrrkj6-hkNJs/s/1163390859/br/115447162867-l)
* [Fort Huachuca Sentinel Landscape Partnership - Newsletter Volume V](https://r20.rs6.net/tn.jsp?f=001IpJ3LbLDwvkgCGIhlZSPw8lj1SbGRf-kSNVHCuYSEhlBogN_Azyt6KlPGEC3b1dBfggY9h47W-eMpYG86Xh6u8BMNkwakZfGqMFDAZY4xMck8ucCJ7QhLAcPJUgBsevF6s9X0pTO3Lu8IDDamRbMqXYTeizuwrghHkjWu95quPnjCvscwS261A==&c=XA11JEgF7vqFizhDZTidPQljg4F8uXU28o0dyD0LwjTrTppl9QWikw==&ch=Ydk8Lx5k2I93fJyB_C0owTS9j_MSQ6xIn8VhDpuAIlRoNDhF5udxdg==)
* The Arizona Drought Monitoring Technical Committee is pleased to provide you with the September 2021 Short-term Drought Status Report and the July-September 2021 Long-term Drought Status Report. [Drought Status Website](https://r20.rs6.net/tn.jsp?f=001IpJ3LbLDwvkgCGIhlZSPw8lj1SbGRf-kSNVHCuYSEhlBogN_Azyt6KlPGEC3b1dBVmLnPs-W5phxlRYt2E0tV7GTYoxjgnqEtIHLHGEcAUZ6RuOy6w1sq2NMVhHLpTvTUuHfzdlRo-Mod0S9L9yDCPInQxm4I3L4BJYYMvKrj72jQhvXXgmq8Q==&c=XA11JEgF7vqFizhDZTidPQljg4F8uXU28o0dyD0LwjTrTppl9QWikw==&ch=Ydk8Lx5k2I93fJyB_C0owTS9j_MSQ6xIn8VhDpuAIlRoNDhF5udxdg==)
* Districts All Over the State Hold Best Management Practices Workshops for the Sonoran Desert Tortoise. Want to catch the next workshop? November 9th, Prescott, AZ, November 10th, Wikieup, AZ, For more information contact: gladden.aacd1944.com [*Click Here*](https://r20.rs6.net/tn.jsp?f=001de1fnIn8EpMCdNkXbqbFhhfAzD5zbRCWr6Q9v7Ew5DfOPGeUVDQEhp1ZY_891tWX35P_75IRc0-3Jy4NqHGZLCFfKeyeAsKpCfsj3FNY-GyYGubzo3CSOtnN35Iir_l2WKYl07Rp4FBp1t6hi0BxRyxIDn4lPn5lkMhyxUHWK1bdVhOgrOoPEA==&c=exljkWdYpynG40z3ET_c5HQMkp7Fbqa20M0kEQlxqjhaU3hy8yXXWg==&ch=M8jscctjmAUQl1kY9yTdn2Iop8TNtbn3YbdclpCZKqedcwCIxNzV8Q==)
* [Apaches ask appeals court to oppose transfer of Ariz. land](https://www.usnews.com/news/politics/articles/2021-10-22/apaches-ask-appeals-court-to-back-bid-to-halt-land-transfer#:~:text=Apaches%20Ask%20Appeals%20Court%20to%20Oppose%20Transfer%20of,gaining%20federal%20Arizona%20land%20the%20Apaches%20consider%20sacred.)
* [Governor Ducey Invests $30 Million To Protect Lake Mead, Colorado River Users](https://azgovernor.us3.list-manage.com/track/click?u=92fdf4d2c03bdcc82721f4a7b&id=d149676fdc&e=3fb8d463ec)
* On Sept 28, the AZ Auditor General released a report detailing the findings of a recent audit of the AZ Department of Environmental Quality [Full Report, Highlights, and Agency Response](https://r20.rs6.net/tn.jsp?f=001X2-IReQd0JLouI8frUag4IHHHfX-FtD7w0BtClkwUPktPtoaoI7BummVIBgJmF25upPdbewuR5nYdDPDnD4gC15OsclNt0D3d1jMPDJEor-TxI5fjt7zTfDafHvSiXRSNvX6ajW7AgTjdMLrOEP68_T_xUYLGu8_utmJ5JxTX2z25pRIcsZTggFMt9XNFudufg97JWwKvhRX1NTkpmaDH7BkXRX8NtGhT-zSJl-cBaymkYZr4rex2X-cyiclLmCc73WnGyjnlcpOTmLdYKLmn8gbrcrayo8J&c=jPGoGFAjX_DtkImCiDLhWajDxGQduEVMf2bC6O6p6ghJd7GAGDW60w==&ch=jO8_NqBvybjdOuazPG06DOvKcf4VDYGWg257DyacO0L96UPmQvL03Q==)

**CA**

* [California Forest Improvement Program Funding Announced](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTExMDMuNDgzNDk2OTEiLCJ1cmwiOiJodHRwczovL2ZpbGVzLmN0Y3R1c2VyY29udGVudC5jb20vZmFjMDVkNWQ2MDEvMzRjNGFjMzMtOTllMy00OWIxLWE1MDAtNDZkNWZiMGM1NzhmLnBkZj9yZHI9dHJ1ZSZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.L98IynIbW7kl1_BloAI5GL7aUVrYbE-Nu48MWivmIq4/s/1821941275/br/117462177030-l)
* The Department of Water Resources' [released program guidelines](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTExMDMuNDgzNDk2OTEiLCJ1cmwiOiJodHRwczovL3dhdGVyLmNhLmdvdi9OZXdzL05ld3MtUmVsZWFzZXMvMjAyMS9PY3QtMjEvRFdSLU9mZmVycy1HcmFudHMtZm9yLVVyYmFuLWFuZC1NdWx0aWJlbmVmaXQtRHJvdWdodC1SZWxpZWY_dXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.6LptJi1FKLf2CJanPYBTXTIUify9MKrQWB-Pohf6a8s/s/1821941275/br/117462177030-l) to distribute $200 million in Urban and Multi-Benefit Drought Relief Grant Program funding. [drought.ca.gov](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTExMDMuNDgzNDk2OTEiLCJ1cmwiOiJodHRwczovL2Ryb3VnaHQuY2EuZ292Lz91dG1fbWVkaXVtPWVtYWlsJnV0bV9zb3VyY2U9Z292ZGVsaXZlcnkifQ.p1O-Pkfp_Bq1lNdBNlrn8067s-guIwqZgiDXPz0bEOY/s/1821941275/br/117462177030-l).
* [Governor Newsom Expands Drought Emergency Statewide, Urges Californians to Redouble Water Conservation Efforts](https://www.gov.ca.gov/2021/10/19/governor-newsom-expands-drought-emergency-statewide-urges-californians-to-redouble-water-conservation-efforts/)
* The California Water Policy Conference has set Thursday, Nov. 18, for the next webinar in its [California Streamin’](https://files.constantcontact.com/d67330cb001/00720bad-01ad-4f74-a5a3-5c5c02c06c54.pdf) series.
* The latest blog from the [Internet of Water](https://internetofwater.org/) provides a look at how better water data can improve drought planning and management in California. Titled, [“The Challenge of the Dry Years,”](https://internetofwater.org/blog/the-challenge-of-the-dry-years/)
* California is emerging from its driest 12-month period in nearly a century, and catching its reservoirs up will be difficult even if it sees a historically wet winter, Jeremy [reports](http://click1.trk-washingtonexaminer.com/atbkbcvhddlnslbdnyvhynvgzhncytwtzrhzlvytyhphb_inzhbvgndhhwydvbchyvnm.html?a=Daily+on+Energy+102221&b=10%2F22%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94)
* Notices of proposal for 90-day extensions of emergency regulations 749.11 and 749.12, Title 14, California Code of Regulations concerning the take of western Joshua tree have been posted to the Commission's website. The notices and associated documents can be accessed at: <https://fgc.ca.gov/Regulations/2021-New-and-Proposed#749_11> (749.11) and

<https://fgc.ca.gov/Regulations/2021-New-and-Proposed#749_12> (749.12)

* DWR has released the [draft guidelines](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Work-With-Us/Grants-And-Loans/Sustainable-Groundwater/Files/sgma-implementation_draft-gl_oct2021_DCoverride.pdf) and [proposal solicitation package](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Work-With-Us/Grants-And-Loans/Sustainable-Groundwater/Files/sgmaimplementationdraftpspoct2021-002dr.pdf) for Sustainable Groundwater Management Act (SGMA) implementation funding. [Public comments](https://water.ca.gov/sgmgrants) on the drafts will be accepted through Monday, Nov. 29.
* Comments are being accepted on the [draft California Climate Adaptation Strategy](https://resources.ca.gov/-/media/CNRA-Website/Files/Initiatives/Climate-Resilience/SAS-Workshops/Draft-CA-Climate-Adaptation-Strategy-ada.pdf). It outlines the State’s key climate resilience priorities, includes specific and measurable steps, and serves as a framework for action across California. Details are available on the [strategy’s website](https://resources.ca.gov/Initiatives/Building-Climate-Resilience/2021-State-Adaptation-Strategy-Update?utm_medium=email&utm_source=govdelivery) and in this [news release](https://resources.ca.gov/Newsroom/Page-Content/News-List/Adapting-to-a-Changing-Climate-State-Asks-for-Public-Comment). Comments on the draft will be accepted through Wednesday, Nov. 17.
* [The Future of California’s Water-Energy-Climate Nexus](https://pacinst.org/publication/the-future-of-californias-water-energy-climate-nexus/)
* [Southern California Spill Response](https://socalspillresponse.com/?utm_medium=email)
* The California Natural Resources Agency together with state agency partners, released a [draft Natural and Working Lands Climate Smart Strategy](https://r20.rs6.net/tn.jsp?f=001mRcj3_uYc2cn92E2SPJZgeePhft2CUKHvb_WN58WSSlgYyB05O9uzWMb6VREr48Jt7GyZ8YLHoRR1LZgOBu59Vqdoc0eak8GKydtoWVbKOu-LFaanh4rC_ioLtjnOfy0mfwu0qgT0MhOLc0O4RA6lnloPsyQSm_BOHRCiZrQDTLuPgXqUxkSH4ulHy7njf_aORmtMmnoeHcy6lFcDEdu7Q==&c=kg6PSHZO_1lnap7dbXPS-pTne1ppDsvcqvK7ISHwuZ_ZZHxdvNxhdw==&ch=SR4kS2nyD4cXEUbwe7woYAyZHNMS3H7EQ2thfrbAouiDDvgX17Yu9Q==) that will guide and accelerate climate action across key California landscapes.
* The California Natural Resources Agency has launched a statewide campaign to raise awareness about the urgent threat that [sea level rise](https://www.sealevelriseca.org/solution) poses to coastal and inland communities. [news release](https://www.opc.ca.gov/2021/09/announcing-our-new-sea-level-rise-campaign-to-shore-up-california/).
* The 2021 [Flood-Managed Aquifer Recharge (Flood-MAR) Public Forum](https://web.cvent.com/event/576cdd97-1a57-478a-8a3f-32aef090ad62/summary) will be a virtual event running Nov. 8–10. It will explore a variety of elements that play a part in the development of [Flood-MAR](https://water.ca.gov/Programs/All-Programs/Flood-MAR) projects. The forum will begin with a [listening session](https://cadwr.app.box.com/s/l19ifjbeb1gxyx6q4milt7wstukudso8) that will provide an opportunity for Tribal governments to learn more about Flood-MAR. [Registration](https://web.cvent.com/event/576cdd97-1a57-478a-8a3f-32aef090ad62/regProcessStep1)

**CO:** [Gov. Polis Announces Partnership to Manage Sweetwater Lake as Newest Colorado State Park](https://www.colorado.gov/governor/news/6531-gov-polis-announces-partnership-manage-sweetwater-lake-newest-colorado-state-park)

**NM:** [EPA responds to Gov. Lujan Grisham’s petition, will move to list four PFAS chemicals as hazardous constituents](https://www.governor.state.nm.us/2021/10/26/epa-responds-to-gov-lujan-grishams-petition-will-move-to-list-four-pfas-chemicals-as-hazardous-constituents/)

**UT**

* [Gov. Cox, Lt. Governor Henderson, Attorney General Reyes, President Adams and Speaker Wilson express disappointment in Biden administration’s decision to expand Utah monuments](https://governor.utah.gov/2021/10/07/gov-cox-lt-governor-henderson-attorney-general-reyes-president-adams-and-speaker-wilson-express-disappointment-in-biden-administrations-decision-to-expand-utah-monuments/)
* [Great Salt Lake's demise spurs water emergency for Utah](https://www.eenews.net/articles/great-salt-lakes-demise-spurs-water-emergency-for-utah/)

## **Tribal Updates**

* [Simple Tribal Co-Management: Using Existing Authority to Engage Tribal Nations in Co-Management of Federal Public Lands by Kevin K. Washburn](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3951290)
* [EPA Announces Action Plan to Address Water-Related Challenges in Indian Country](https://www.epa.gov/newsreleases/epa-announces-action-plan-address-water-related-challenges-indian-country)
* [U.S. Fish and Wildlife Service Tribal Wildlife Grants Provide Opportunities for Partnerships in Conservation of Shared Natural Heritage, Cultural Priorities](https://www.doi.gov/pressreleases/us-fish-and-wildlife-service-tribal-wildlife-grants-provide-opportunities-partnerships)
* [President Nez addresses climate change at the New Mexico Climate Summit](News%20Releases/OPVP/2021/Oct/FOR%20IMMEDIATE%20RELEASE%20-%20President%20Nez%20addresses%20climate%20change%20at%20the%20New%20Mexico%20Climate%20Summit.pdf)
* Building Effective Partnerships with Indigenous Communities. January 27, 11 AM PT. [Register here](https://consbio.us9.list-manage.com/track/click?u=3dea159e4cbe0a0ff3b43eadd&id=d35d30ef6e&e=c5455c0952)
* Reflections: On the Meaning of Indigenous Water Resilience. [Read More](https://r20.rs6.net/tn.jsp?f=001y5oBPvmccc6aJMbXEXkbyQbri8bmNvz6yXxOmhI6IAfWWyMjkDtT6uCrcXwjH9wjykqvl42KkjrgwCdTXQ8aqz_s7NHGwb_3RlC5vY3wfJ4eegZEcv_IuDEaQodwW87Nu6cdhrIJ8LBa_lERtgsEb7qqXh2YIuWdYfziq7aZPQ_7RxXjkI4Z_Fx4GNJFZesgRZa_b4Zc1Sf5N3tP6qKG-Q==&c=kW5Wq9_LzwGT5TdnRho2eZoP43qkZoII1Mkj1Vyiby29udKISvbgCA==&ch=bZAPGvXnZSWm7ESIjGVAv1-TZ41a20RgePbdLUAx_CMcp0xJGAan5g==)
* [Strengthening the Nation-To-Nation Relationship With Tribes to Secure a Sustainable Water Future](https://www.epa.gov/system/files/documents/2021-10/2021-ow-tribal-action-plan_508_0.pdf)

## **Regional Updates**

* The [WaterNow Alliance](https://tapin.waternow.org/) has completed an update and expansion of the water equity section in its online [Tap into Resilience Toolkit](https://tapin.waternow.org/toolkit/). The [Water Equity and Climate Resilience for Frontline Communities](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwaternow.us11.list-manage.com%2Ftrack%2Fclick%3Fu%3D89b7ebfbdc6ba02578c4ec74d%26id%3D473cb1b0bd%26e%3D6bcf0efb79&data=04%7C01%7C%7C06e28d0bbeb5439f76b308d99983de56%7Cb71d56524b834257afcd7fd177884564%7C0%7C0%7C637709613918563089%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=alhzHdvpx5V4oN43fHNs7TImPrN43IQoFTvGQBdiGAk%3D&reserved=0) section includes implementation strategies, funding opportunities, and case studies to help water leaders build resilient, sustainable localized water infrastructure.
* [Publication: Habitat Preferred by Sage Grouse Increases Six-Fold Following Tree Removal](https://t.e2ma.net/click/xwr0qg/pqdn3po/5mthso)
* [National Wildlife - Pulse of the Heartland](https://t.e2ma.net/click/xwr0qg/pqdn3po/pushso)
* [A low-to-no snow future and its impacts on water resources in the western United States](https://www.nature.com/articles/s43017-021-00219-y)
* In a new water conservation program, farmers in Southern California are paid to leave some of their fields unplanted. The program, funded by the US Bureau of Reclamation, Metropolitan Water District of Southern California, Southern Nevada Water Authority, and the Central Arizona Project (CAP), will pay $38 million to farmers over the course of three years and is estimated to result in three feet of additional water in Lake Mead. [LA Times Article](https://r20.rs6.net/tn.jsp?f=001y5oBPvmccc6aJMbXEXkbyQbri8bmNvz6yXxOmhI6IAfWWyMjkDtT6uCrcXwjH9wji8-0P7qorUu9MziM_zEop2--ZrihuTcdbjy-gEr_qDcE-P4Tz4JxvIqWiZZKTAiMOYKuKt88LP3L3mQMwAPgsLyvChqxtQbmqOSCUo1Yaz18xsYidCQ_JNl-78YBvFB90mJHhoVeRmIRbEu8h8ivUHr1VQSpzLpbO287UhApwk0AMGQ1BDwRhNEIDtUNHCq4v6G2CGsSwDo=&c=kW5Wq9_LzwGT5TdnRho2eZoP43qkZoII1Mkj1Vyiby29udKISvbgCA==&ch=bZAPGvXnZSWm7ESIjGVAv1-TZ41a20RgePbdLUAx_CMcp0xJGAan5g==) [Drip Irrigation in AZ](https://r20.rs6.net/tn.jsp?f=001y5oBPvmccc6aJMbXEXkbyQbri8bmNvz6yXxOmhI6IAfWWyMjkDtT6uCrcXwjH9wjWOc99tbhfrk6JGhZGGBcPkjHmi-F8HIwUHElpRA26S6sjTG1v14LLtWSxKEMaVwNPHBOBIXSJQFnafJibJdCXkBL-QY0UnD3CBKUy4ovF5rnX_gHv_tG9PpR9M2RsEPNxlzWuW6-HEi37gB5oqK07XT5e_c2cQJzi3U4ROUilfAIlJUqV_p2k3WCJf7Pmt-uP4hYBYb_ngaLkMVHUp79s8HSKGxqllgsPbgOoI4LvWc=&c=kW5Wq9_LzwGT5TdnRho2eZoP43qkZoII1Mkj1Vyiby29udKISvbgCA==&ch=bZAPGvXnZSWm7ESIjGVAv1-TZ41a20RgePbdLUAx_CMcp0xJGAan5g==)
* “[The Challenge of the Dry Years](https://r20.rs6.net/tn.jsp?f=001zXkbYG0g-xAIxI4cO2NUxgYgXR51j6IP6hxlIWRxIvSv-tdQwHUCMj6RyqM_xM96NWE2CqkYKqqvZYuJxX_g2Lp5Jx7_8wFcVf1Yz6Y27Co6rgEQIyPf5LtuKSYiN9hucKcqwGqH-IxWMf5TqwHWhPNM_1OeM0SPU8HLGiOUTfdJILCmugtvRztu3K5l96S_VsNJnjWAgk8=&c=NISaK37ileyGkjFjSmP0dMWDFsj0bdM_o2y12gqNfBIIhSO6KVPvoA==&ch=M69AKh0WNM7msUatMXXXFK6UAcp5xjaSyfeneRF0wnp5m8ynauYB-w==)" by Clare Keating of Earth Genome to learn more about how better water data can improve drought planning and management in California.
* [Low Colorado River flows speed need for conservation](https://click.pewtrusts.org/?qs=8491526bcb08c9977aa30e38cf3ce4e32b4566be205dddffeb4a042cb47d5571bbab76b1c4819183bba2da306ba48431cb92dc83adc47d1b)
* [Lakes are changing worldwide](https://www.enn.com/articles/68903-lakes-are-changing-worldwide) – what does it mean for our fish species
* The Xerces Society and Orville Schell Farms owner Ole Schell have partnered to create a monarch butterfly sanctuary in an effort to revitalize California’s rapidly declining monarch population. (Source: [TheHill](https://trk.cp20.com/click/a9y7-2gig46-kvch6g-hy9p7ie7/), [NBC News](https://trk.cp20.com/click/a9y7-2gig46-kvch6h-hy9p7ie8/))
* [Documenting orphan wells across the United States](https://www.edf.org/orphanwellmap?utm_source=Daily%20on%20Energy%20101521_10/15/2021)
* [Protecting the Places We Love: Conservation Strategies for Entrusted Lands and Parks Webinar Recording](https://drive.google.com/file/d/1EdR2Qq6eVn1JRAysyYlZQ5dZioC9wGiC/view)
* [Drought-Stricken Western Towns Say No to Developers](https://click.pewtrusts.org/?qs=fcc040a08a7edc2720406c45eb628af528345240e43193f9051dff7b91b0a39d2851b1493733357bb09508e48011e03494f5d1dea932e5f9)
* Two Nations One Water 2021: Binational Water Conference for Chihuahua, New Mexico, and Texas brought together water researchers and experts from the US-Mexico border region to share research, build trust, and explore paths forward for a sustainable water future. [Conference Presentations](https://r20.rs6.net/tn.jsp?f=001X2-IReQd0JLouI8frUag4IHHHfX-FtD7w0BtClkwUPktPtoaoI7Bumy6cxzvsYWd4UGC-spJFTvovfC_y0kVR3q7-LteL4j9toHBzSyexp2DcklugFwjCj-9LUBEo9tzq9vy6TRfqUycC28VAlK05neo6suXXvYgqmI_h_GqA6jp8wbekw7uhKvqOGfiQ_P8Vn7MrEE3wkmurz5kOzmZ8pVvJoQZ1mzp764Rkb2H1xJWP69Z_lc1RfeglDKywff5CfCV8H1veYx1ZQ4zzIx3oA==&c=jPGoGFAjX_DtkImCiDLhWajDxGQduEVMf2bC6O6p6ghJd7GAGDW60w==&ch=jO8_NqBvybjdOuazPG06DOvKcf4VDYGWg257DyacO0L96UPmQvL03Q==)
* [Flood Mitigation Assistance](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDUuNDY5MjM4MzEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9ncmFudHMvbWl0aWdhdGlvbi9mbG9vZHMifQ.xssX_6vzCiyXUfuDX0AJPwUW3JuFcDEAdKh1dvXMlmU/s/10033766/br/113410715417-l)

**WGA**

* WGA has already hosted two workshops for Idaho Gov. Brad Little's WGA Chair Initiative, 'Working Lands, Working Communities.' Watch recordings of [Utah Gov. Spencer Cox](https://r20.rs6.net/tn.jsp?f=001HPPbAthU4w9cFvfYQ_qyxMnwuRpnBdrJkZ3gOkU9I5WLnFVWW73_Ex_si0D97NA5R5vva80Fz0T_z0pICeTq_T_q4P3O94a5-w_WrjUpFiAVUP56_ZX4wptlNZgxg-VYSno36IYoLDKUFBC64ML-SvBPpHHSO839B1jU1GMzbf-uU-k1wUSple8hkEwal1b91PP51xmUJTLkcSSpGbRd4fzpZS5u7yyx4r0bXOPNio_6wsntwoRXb5lkVQp0qziwM-Rdv6TcFC29U4nvt92X7YiiaxgYsPmO&c=8X5oYouXlzfKSZj8OVBMO1jPl7fFcmdL6_AltyKCSrS1tAM7GGsI5w==&ch=9OkjjIw9cA2Jz2T4vV8ftTtdCNEn3fk96FaQtEqqTwQl61DQRTHM0g==) and [Colorado Gov. Jared Polis](https://r20.rs6.net/tn.jsp?f=001HPPbAthU4w9cFvfYQ_qyxMnwuRpnBdrJkZ3gOkU9I5WLnFVWW73_Ex_si0D97NA5xfeQa5TKo8m_qDo2C5qUgonpph4Xjbjq9UNYB3dpqyYQfy-deBBloDkXUeXpkSaHgo1-pmF2Wbr1Bl_OfsmKkcf9LucBDPw60JPta1zoh3f57iZM8-v9Qf5QVPLJWB52EFDDDjtJcL0BoP_O557ZQDLqA-lc3Hm_9dLIFR_JVTkdBLEzOLffgOjqicV1CnQv7HnBuPc1EzUr8TX26t4jdMN32HFrPCco&c=8X5oYouXlzfKSZj8OVBMO1jPl7fFcmdL6_AltyKCSrS1tAM7GGsI5w==&ch=9OkjjIw9cA2Jz2T4vV8ftTtdCNEn3fk96FaQtEqqTwQl61DQRTHM0g==) address strategies for mitigating wildfire risk in their keynote addresses, as well as all of the workshops' roundtable discussions with regional experts. Topics include [post-fire restoration](https://r20.rs6.net/tn.jsp?f=001HPPbAthU4w9cFvfYQ_qyxMnwuRpnBdrJkZ3gOkU9I5WLnFVWW73_Ex_si0D97NA5xfeQa5TKo8m_qDo2C5qUgonpph4Xjbjq9UNYB3dpqyYQfy-deBBloDkXUeXpkSaHgo1-pmF2Wbr1Bl_OfsmKkcf9LucBDPw60JPta1zoh3f57iZM8-v9Qf5QVPLJWB52EFDDDjtJcL0BoP_O557ZQDLqA-lc3Hm_9dLIFR_JVTkdBLEzOLffgOjqicV1CnQv7HnBuPc1EzUr8TX26t4jdMN32HFrPCco&c=8X5oYouXlzfKSZj8OVBMO1jPl7fFcmdL6_AltyKCSrS1tAM7GGsI5w==&ch=9OkjjIw9cA2Jz2T4vV8ftTtdCNEn3fk96FaQtEqqTwQl61DQRTHM0g==), [cross-boundary land management](https://r20.rs6.net/tn.jsp?f=001HPPbAthU4w9cFvfYQ_qyxMnwuRpnBdrJkZ3gOkU9I5WLnFVWW73_Ex_si0D97NA5R5vva80Fz0T_z0pICeTq_T_q4P3O94a5-w_WrjUpFiAVUP56_ZX4wptlNZgxg-VYSno36IYoLDKUFBC64ML-SvBPpHHSO839B1jU1GMzbf-uU-k1wUSple8hkEwal1b91PP51xmUJTLkcSSpGbRd4fzpZS5u7yyx4r0bXOPNio_6wsntwoRXb5lkVQp0qziwM-Rdv6TcFC29U4nvt92X7YiiaxgYsPmO&c=8X5oYouXlzfKSZj8OVBMO1jPl7fFcmdL6_AltyKCSrS1tAM7GGsI5w==&ch=9OkjjIw9cA2Jz2T4vV8ftTtdCNEn3fk96FaQtEqqTwQl61DQRTHM0g==), [drought](https://r20.rs6.net/tn.jsp?f=001HPPbAthU4w9cFvfYQ_qyxMnwuRpnBdrJkZ3gOkU9I5WLnFVWW73_Ex_si0D97NA5R5vva80Fz0T_z0pICeTq_T_q4P3O94a5-w_WrjUpFiAVUP56_ZX4wptlNZgxg-VYSno36IYoLDKUFBC64ML-SvBPpHHSO839B1jU1GMzbf-uU-k1wUSple8hkEwal1b91PP51xmUJTLkcSSpGbRd4fzpZS5u7yyx4r0bXOPNio_6wsntwoRXb5lkVQp0qziwM-Rdv6TcFC29U4nvt92X7YiiaxgYsPmO&c=8X5oYouXlzfKSZj8OVBMO1jPl7fFcmdL6_AltyKCSrS1tAM7GGsI5w==&ch=9OkjjIw9cA2Jz2T4vV8ftTtdCNEn3fk96FaQtEqqTwQl61DQRTHM0g==), [forest product innovations](https://r20.rs6.net/tn.jsp?f=001HPPbAthU4w9cFvfYQ_qyxMnwuRpnBdrJkZ3gOkU9I5WLnFVWW73_Ex_si0D97NA5R5vva80Fz0T_z0pICeTq_T_q4P3O94a5-w_WrjUpFiAVUP56_ZX4wptlNZgxg-VYSno36IYoLDKUFBC64ML-SvBPpHHSO839B1jU1GMzbf-uU-k1wUSple8hkEwal1b91PP51xmUJTLkcSSpGbRd4fzpZS5u7yyx4r0bXOPNio_6wsntwoRXb5lkVQp0qziwM-Rdv6TcFC29U4nvt92X7YiiaxgYsPmO&c=8X5oYouXlzfKSZj8OVBMO1jPl7fFcmdL6_AltyKCSrS1tAM7GGsI5w==&ch=9OkjjIw9cA2Jz2T4vV8ftTtdCNEn3fk96FaQtEqqTwQl61DQRTHM0g==) and much more.
* Western Governors urged the Senate Committee on Energy and Natural Resources to develop a National Minerals Policy in conjunction with states that “enables mineral exploration and development in a manner that balances the nation’s industrial and security needs with adequate protection of natural resources and the environment.” [Read, download the letter.](https://r20.rs6.net/tn.jsp?f=001F0HqoSvfVA6bhfGMnbu5xA5AUIwXRIDT4asY8mB4jOVyKoeyLE4JOndixnnuiR88T7kbr53DypsWtnHThjup0HKSF0TOJpCANb9-HU4QFLw5-0pnEnccC-8rAg0rhUJp77C-NogkzsU6CGuAjd5QH4ZKvP3Hnnd9vBtkpdYtlZoxW7GiVzuKJcEv-fdEIBadpVwgcvUtxtYj2YY77080gPjgx1BomjNSoT62CLAiqRMMEdWjxv3d6ANaVzsshWy1&c=Tgy0KDYNCmX_E_-1BPojRnLIh_JzAi22azU3ysoc0MwC-0G39QXKAA==&ch=uX_A6WrGaAifs-KWU8scRtyq5Hkcdf1zZEqkGsS7PU54ntOUf7amQw==)

**WRRC**

* [Emerging Leaders “Imagine a Day Without Water”](https://r20.rs6.net/tn.jsp?f=001D12SZoL2PATl4G9wyW8aaM_SOoPzD282Db4YHShl3wrfp8lch-BWEO3cR7AWzMWoEE20DtOOiH638nN7RcmwWby0682P7nhdKxXIeOsi0RCTcl66dg0MIzwAjJXuhPsWqDsCUoRsQp3YckevlkKfmW6MoFxJdRm5_H0oUtCRZWlsvi3te0CGLBiWfCUE0EvNtzRCyw5Hs8iokn_j8j6mtA==&c=sIwpw-NMzx5c2Z9Y8F770h8PDnrLdzc2iuxe5nnC7_5_5UFj5MX1gA==&ch=OoD3uMH9xhvxw6M5c0qvPIaf_qFJNPEdQ_XttS-vY8LJe1niDBr4MA==)
* Colorado River Basin Presentation Available. A written supplement to the presentation is Dr. Megdal’s August 2021 *Reflections*, “[Adapting to a Drier Future](https://r20.rs6.net/tn.jsp?f=001y5oBPvmccc6aJMbXEXkbyQbri8bmNvz6yXxOmhI6IAfWWyMjkDtT6ljfmg-Gp_EAz15NY07zWsZ2okFQLRVxge21yKpoVyAS4UxL7Sa6Su8hh2Zcf3ORxndfhp8vs-BXFKQJQ4o50Wm3fGv5J2K9i2qTBVF29LNeBZgPRE01enbohVcZC_LqyW8BNZvix92a&c=kW5Wq9_LzwGT5TdnRho2eZoP43qkZoII1Mkj1Vyiby29udKISvbgCA==&ch=bZAPGvXnZSWm7ESIjGVAv1-TZ41a20RgePbdLUAx_CMcp0xJGAan5g==).” [View the Presentation](https://r20.rs6.net/tn.jsp?f=001y5oBPvmccc6aJMbXEXkbyQbri8bmNvz6yXxOmhI6IAfWWyMjkDtT6uCrcXwjH9wjDncp5V4420ApzR2DQ-nCDwq4AGTUL6-0QdGa6NU6yCnwjddy8B-X6rj7gtAxJPrQVgNqT0G_ihB1raMBkvQRynwf_UrgtibS8dhx1AN-HjzZtcJ_DlYCZucBTkSUZ5y0Q_yG2Pdz_2uuf0IkiXZd8-yuOvRixJmaPmKoEN52DKMBs05iFHAQag==&c=kW5Wq9_LzwGT5TdnRho2eZoP43qkZoII1Mkj1Vyiby29udKISvbgCA==&ch=bZAPGvXnZSWm7ESIjGVAv1-TZ41a20RgePbdLUAx_CMcp0xJGAan5g==)
* Nov. 8-10: [AWRA 2021 Annual Water Resources Conference](https://r20.rs6.net/tn.jsp?f=001NhKKdBgYrrafGRFt0VhxiG-u8PnvSDjElZSI1tHQsensmVDqSyw9cSdtBUVtPG7Rl8TI1B9KuZ4Xih_Ea9FNdVtYAhxMh3WskbEP9NpoeP1mePaZI6q1L0c0jAC-5rLkZsbHYwBWkMmW1mpuMWj9JQ-zhVYCbj1hYNT5s0mfPLaeXmTwqHqIsnQkLPAQU5O7ckUoPWe5DbnEt4jghbqDsRLESDMS3rtgeHkkXXlcMOK87F5W8sO67GcmtHVgvUPZCcbRuxV2yQ1aKgHq7IoUSpAd5fm03fjX&c=3ZnQDZcSsHNlSWR4zV_D7nQAa2B4AbdeLXbyLZY9LRqX6staqNj6wQ==&ch=D4Yv4OX03u_z0SgxqC3g2Frdrh06J2w6OvJHMyrKbCCPhkfOm4RdjA==)
* October 7, the WRRC hosted Henry Day, water policy and strategy consultant at the Arizona Public Service Company for a Brown Bag Webinar. [Presentation Slides and Recording](https://r20.rs6.net/tn.jsp?f=001NhKKdBgYrrafGRFt0VhxiG-u8PnvSDjElZSI1tHQsensmVDqSyw9cU-YfjNOohjtboinFRUTpw8NxCAQipmRcGcVmBaLG692K-2rhpAMnJqZLXqpwx9vrwX8ElBmzmog24YqjFwYlpoT9Z8MI2a-USEreb9UiW2MZ8n5TZJWiZYankmhWROYIo5TSODpO5ISpIh0S6FGhtKsVusjQLJic1fa38F6j686V6Q0F96cFcA=&c=3ZnQDZcSsHNlSWR4zV_D7nQAa2B4AbdeLXbyLZY9LRqX6staqNj6wQ==&ch=D4Yv4OX03u_z0SgxqC3g2Frdrh06J2w6OvJHMyrKbCCPhkfOm4RdjA==)
* [WRRC Weekly Wave – Oct 29, 2021](https://r20.rs6.net/tn.jsp?f=001D12SZoL2PATl4G9wyW8aaM_SOoPzD282Db4YHShl3wrfp8lch-BWEO3cR7AWzMWoupcUqkaBFJVO5nU3gXGEy7So0jiYC-vWOKNgxXQsXQN1ukdaXqrbcJ6JW4sLumLDgZlYJ7xgqDfDvHZNF8WYnw==&c=N8qQl3EJ1-KI9Sn5TVWfb9cZhKNof-GoGJsaxNUcAUEG253tQs8flQ==&ch=taSinTqsBYfIRGvh5RkYvdwUpiASI3Kqm0ATHmk29lgLY80iPAHfDA==)
* [WRRC Weekly Wave – October 15, 2021](https://r20.rs6.net/tn.jsp?f=001NhKKdBgYrrafGRFt0VhxiG-u8PnvSDjElZSI1tHQsensmVDqSyw9ccVE63dzLvLskXSQVORnIO3R_JEblMk0UBYGMad9X2ELfhxbUU2Cos45sngKb0_EvKvvSsxHCN2-plcOEa_9Z68_5T8lboOCsg==&c=27FNUW8I9Y1Bv91JQXoAaFFg_3-4tUcxMRKyDb_KxEtPiPy2edhYcA==&ch=QXmy44Miz3LMI1Cxa33BJqnx2DvOr7GbmID2Yd7ljseoqVejLxoIWA==)
* [WRRC Weekly Wave – October 9, 2021](https://r20.rs6.net/tn.jsp?f=001X2-IReQd0JLouI8frUag4IHHHfX-FtD7w0BtClkwUPktPtoaoI7Bumy6cxzvsYWdGGWdxb9ouLl-I-CA3IjboC46AmB4ZrDfWpmhiWDjHsaF246vhQI_4VsYsT5OR-FTeKzD14VyCXimNA86lFp8oQ==&c=8YjHttFNkxSpIB7kJSOMfYgYeF4Fl4nAFGYoP0rzA9y74yFGPFE-UQ==&ch=IdtDdRZy04zU-4DNyRWrOrAKHc4Yi0TFobyE89EiD2OOBxVEXw_vtg==)
* [WRRC Newsletter October 1, 2021](https://r20.rs6.net/tn.jsp?f=001gAcqYoRTLVmcCBWqtGvgyH1Bgm4uiBN6x46369dNIBuMIq_8te7CCjRTmrNexhWk8gdRcHsZ5XLZIg-rFEbncpFF_RsnoGWRAHx1cxHawkQh1Ku_hdeCUvZ8NM_N9fzBmOLqjBKPN9HJ-zhaP7Q3Hw==&c=0BWTfBd1EmjHqCBMxFixOvMiINtmGgzl5KTYuxlAzYcprxHUjNeS6A==&ch=V7vYBvbcYtRUijk4gFeVT7YuaxvDixQi47xeRfi49nkZSQQJD7M1nA==)

# Military Readiness, Homeland Security,

# Disaster Preparedness and Aviation

## **Military Readiness**

**DoD**

* [DOD Supports Administration's Climate Change Ambitions](https://www.defense.gov/News/News-Stories/Article/Article/2827195/dod-supports-administrations-climate-change-ambitions/)
* [2021 DoD Climate Adaptation Plan (CAP).](file:////rsrcnvfs05/atl_org_1/Environmental_Management/Natural%2520Resources/LEGACY2/Legacy%2520Listserv/Announcement%252001-CAP/C.04.013.21%2520DoD%2520CAP%2520v22%2520signed%2520%281%29.pdf)  The CAP meets the requirements of Section 211 of Executive Order (EO) 14008, Tackling the Climate Crisis at Home and Abroad. It addresses Agency efforts on 4 Topics per the EO to:

1. update climate vulnerability assessments

2. enhance climate literacy in its management workforce

3. enhance climate-ready sites, facilities, and infrastructure

4. enhance climate-ready supply of products and Services.

* [Pentagon to Appoint Climate Policy Lead as It Prioritizes Weather Threats](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=e70e5f2229&e=822f95e226)
* [Cultural Resources Update - Fall 2021](news/newsletters/fall-2021/DoD%20CR_Newsletter_Fall%202021_508.pdf)
* [DoD Cultural Resources Program Newsletter](https://www.denix.osd.mil/cr/news/newsletters/fall-2021/DoD%20CR_Newsletter_Fall%202021_508.pdf)
* [The Heritage Foundation’s Index of U.S. Military Strength](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=36ae66526d&e=822f95e226)
* [Secretary of Defense Lloyd J. Austin III’s Statement on the DoD Climate Risk Analysis](https://www.defense.gov/News/Releases/Release/Article/2817727/secretary-of-defense-lloyd-j-austin-iiis-statement-on-the-dod-climate-risk-anal/source/GovDelivery/)
* [Defense Department's Climate Risk Analysis Plan](https://media.defense.gov/2021/Oct/21/2002877353/-1/-1/0/DOD-CLIMATE-RISK-ANALYSIS-FINAL.PDF?source=GovDelivery)
* [Why the Pentagon wants robot subs that swim like fish](https://link.militarytimes.com/click/25412947.87541/aHR0cHM6Ly93d3cuZm9yYmVzLmNvbS9zaXRlcy9taWNoYWVscGVjay8yMDIxLzEwLzIwL3doeS10aGUtcGVudGFnb24td2FudHMtcm9ib3Qtc3Vicy10aGF0LXN3aW0tbGlrZS1maXNoLz9zaD1mZDBmYTE3MWYxMjk/57588738498e574579743a61Bfab622a9)
* [Unwanted Global Hawk drones are being transformed to support hypersonic missile tests](https://link.militarytimes.com/click/25412947.87541/aHR0cHM6Ly93d3cudGhlZHJpdmUuY29tL3RoZS13YXItem9uZS80MjgyMS91bndhbnRlZC1nbG9iYWwtaGF3ay1kcm9uZXMtYXJlLWJlaW5nLXRyYW5zZm9ybWVkLXRvLXN1cHBvcnQtaHlwZXJzb25pYy1taXNzaWxlLXRlc3Rz/57588738498e574579743a61B9fc48088)
* [Fact Sheet: Prioritizing Climate in Foreign Policy and National Security](https://www.whitehouse.gov/briefing-room/statements-releases/2021/10/21/fact-sheet-prioritizing-climate-in-foreign-policy-and-national-security/)
* [The Military is Preparing for a 'Space Superhighway,' Complete with Pit Stops](https://link.defenseone.com/click/25409609.49109/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGVjaG5vbG9neS8yMDIxLzEwL21pbGl0YXJ5LXByZXBhcmluZy1zcGFjZS1zdXBlcmhpZ2h3YXktY29tcGxldGUtcGl0LXN0b3BzLzE4NjI2MC8_b3JlZj1kZWZlbnNlX29uZV9icmVha2luZ19ubA/542dc73f3b35d0811c8bba13Bc5fb6a14)
* Integrated Microgrids. For non-federal partner members of the Californian and Desert Southwest CESU: To develop a facility to research, analyze and test new methods of providing resilient energy, integrating food and water systems that improve the effectiveness of the entire energy system. Due: November 12, 2021. [Learn more](https://r20.rs6.net/tn.jsp?f=001-OFrrMA6JN_QF_LLXxeBrO8nJ-Q598Pd9otH6E5S8KrWHlNfVyN17S2pXYFaHW3JD1S-NaFA6Ov3y__Vi19CjHzwhbDoyR527OGyyECqQhWkpocmuVFux4kQHhDfbwHB0OeZL_gxqBonDqaWnDnf230teCOm_szk1efjWZE7igE0AHvnnflAPEgrsQn7xv7TmF5_d3xjN8vVVZzDlSQKjQ==&c=PHPdqebJANW3OMIR6JJsvxLWLxF_R3BRmxOeFy5tFOKai_MXOauNsw==&ch=wiIHqPTwUWG0f5Hlc_8pAuvRjwqYaEW45IfSJLRjyKIT1IecP3ceBg==)
* On 7 OCT 21, the [White House released Climate Adaptation Plans from each agency](https://www.sustainability.gov/adaptation/), as required by Executive Order 14008, "Tackling the Climate Crisis At Home and Abroad." [DOD's Climate Adaptation Plan](https://media.defense.gov/2021/Oct/07/2002869699/-1/-1/0/DEPARTMENT-OF-DEFENSE-CLIMATE-ADAPTATION-PLAN.PDF) was approved by the Council on Environmental Quality and the Office of Management and Budget in June and signed by Secretary of Defense Lloyd J. Austin III on 1 SEP 21. More information, including the plan’s strategic framework, are outlined [here](https://www.defense.gov/News/News-Stories/Article/Article/2787056/dod-announces-strategy-to-tackle-climate-crisis/).
* [Conger Calls DOD Climate Plan a ‘Mature’ Strategy that Builds on Past Work](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=b03f3a5746&e=822f95e226)
* [Pentagon's Top Science Official Adds to Tech-Breakthrough Wishlist](https://link.defenseone.com/click/25306201.79543/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGVjaG5vbG9neS8yMDIxLzEwL2V4Y2x1c2l2ZS1wZW50YWdvbnMtdG9wLXNjaWVuY2Utb2ZmaWNpYWwtaG93LWRvZC13aWxsLXB1cnN1ZS1icmVha3Rocm91Z2gtdGVjaG5vbG9neS8xODYwMDgvP29yZWY9ZGVmZW5zZV9vbmVfYnJlYWtpbmdfbmw/60881a23aa72246f8b29b0e4B09f74dde)
* What would a "substantially smaller" U.S. defense budget look like - - Congressional Budget Office analysts in a [new report](https://link.govexec.com/click/25269089.36089/aHR0cHM6Ly93d3cuY2JvLmdvdi9wdWJsaWNhdGlvbi81NzEyOA/60881a23aa72246f8b29b0e4B38140cbe) released Thursday.
* [DOD’s New Climate Plan Starts with Injection of ‘Actionable Science,’ Promotes ‘Climate Literacy’](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=acb550e21c&e=822f95e226)
* [New DOD Climate Plan: Adjust Ops, Training, Gear for Extreme Weather](https://link.defenseone.com/click/25266200.40114/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGhyZWF0cy8yMDIxLzEwL25ldy1kb2QtY2xpbWF0ZS1wbGFuLWFkanVzdC1vcHMtdHJhaW5pbmctZ2Vhci1leHRyZW1lLXdlYXRoZXIvMTg1OTI2Lz9vcmVmPWRlZmVuc2Vfb25lX2JyZWFraW5nX25s/542dc73f3b35d0811c8bba13B5421c29f)

**DoD-OLDCC**: [Annual OLDCC Study Shows State-by-State Breakdown of Defense Spending](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=293e266ec7&e=822f95e226)

**REPI**

* Next webinar, [Sentinel Landscapes Spotlight](https://www.repi.mil/Resources/Webinars/ModuleID/84948/ItemID/4653/mctl/EventDetails/), scheduled for Wednesday, December 8 from 1:00-2:30 PM ET.
* [REPI Newsletter](http://repiprogram.createsend1.com/t/ViewEmail/d/E2858F2FB5D5824F2540EF23F30FEDED)
* The [Readiness and Environmental Protection Integration (REPI) Program](https://www.repi.mil/) has launched the 2022 REPI Challenge process. The primary focus of the new REPI Challenge is projects that will help make key mission capabilities of strategic importance to DOD more resilient to climate change and severe weather events, such as coastal and inland flooding, sea level rise, drought, increased wildfires, and thawing permafrost. The 2022 REPI Challenge is open to any state government, political subdivision of a state, or private entity whose organizational purpose or goal is conservation, restoration or preservation of land and natural resources. More information on the background, timing, and eligibility of the 2022 REPI Challenge can be found in the [request for proposals](https://www.repi.mil/Portals/44/Documents/REPI_Challenge/2022_REPI%20Challenge%20RFP_FINAL_20210910.pdf) and the [pre-proposal form](https://www.repi.mil/Portals/44/Documents/REPI_Challenge/2022-REPI-PreProposal_090821_FINAL.pdf). Pre-proposals are due no later than 22 NOV 21, at 8:00 p.m. Eastern time.

**USAF**

* [Nellis AFB reduces greenhouse gas emission through solar energy](https://www.af.mil/News/Article-Display/Article/2819757/nellis-afb-reduces-greenhouse-gas-emission-through-solar-energy/)
* [F-15EX undergoes first operational test mission at Nellis AFB](https://www.af.mil/News/Article-Display/Article/2821093/f-15ex-undergoes-first-operational-test-mission-at-nellis-afb/)
* [The F-35 is one step closer to carrying nuclear bombs. What’s next?](https://link.airforcetimes.com/click/25493260.74541/aHR0cHM6Ly93d3cuYWlyZm9yY2V0aW1lcy5jb20vbmV3cy95b3VyLWFpci1mb3JjZS8yMDIxLzEwLzI3L3RoZS1mLTM1LWlzLW9uZS1zdGVwLWNsb3Nlci10by1jYXJyeWluZy1udWNsZWFyLWJvbWJzLXdoYXRzLW5leHQv/57588738498e574579743a61Bf3a20ba1)
* [New Mexico finishes tests of wells for ‘forever chemicals’ near Air Force base](https://link.airforcetimes.com/click/25399826.84541/aHR0cHM6Ly93d3cuYWlyZm9yY2V0aW1lcy5jb20vbmV3cy8yMDIxLzEwLzE5L25ldy1tZXhpY28tZmluaXNoZXMtdGVzdHMtb2Ytd2VsbHMtZm9yLWZvcmV2ZXItY2hlbWljYWxzLW5lYXItYWlyLWZvcmNlLWJhc2Uv/57588738498e574579743a61B7eba9477)
* [Biden Pick for Air Force Installations Head Managed FAA Modernization, Space Programs](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=50d84ae131&e=822f95e226)

**Army**

* [10 things we learned from AUSA](https://link.armytimes.com/click/25412947.87541/aHR0cHM6Ly93d3cuYXJteXRpbWVzLmNvbS9uZXdzL3lvdXItYXJteS8yMDIxLzEwLzIwLzEwLXRoaW5ncy13ZS1sZWFybmVkLWZyb20tYXVzYS8/57588738498e574579743a61Ba138797e)
* [‘No way around it’: Facing budget cuts, Army braces to fight for modernization](https://link.militarytimes.com/click/25387649.93541/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2NvbmdyZXNzL2J1ZGdldC8yMDIxLzEwLzExL25vLXdheS1hcm91bmQtaXQtZmFjaW5nLWJ1ZGdldC1jdXRzLWFybXktYnJhY2VzLXRvLWZpZ2h0LWZvci1tb2Rlcm5pemF0aW9uLw/57588738498e574579743a61Be18c92e0)
* [Here are the Army’s new, and ongoing, quality of life initiatives](https://link.armytimes.com/click/25387649.93541/aHR0cHM6Ly93d3cuYXJteXRpbWVzLmNvbS9uZXdzLzIwMjEvMTAvMTEvaGVyZS1hcmUtdGhlLWFybXlzLW5ldy1hbmQtb25nb2luZy1xdWFsaXR5LW9mLWxpZmUtaW5pdGlhdGl2ZXMv/57588738498e574579743a61B3f543ce0)
* [US Army to Stage Largest Robot Tank Experiment Ever](https://link.nextgov.com/click/25384093.33270/aHR0cHM6Ly93d3cubmV4dGdvdi5jb20vZW1lcmdpbmctdGVjaC8yMDIxLzEwL3VzLWFybXktc3RhZ2UtbGFyZ2VzdC1yb2JvdC10YW5rLWV4cGVyaW1lbnQtZXZlci8xODYxNzYvP29yZWY9bmV4dGdvdl90b2RheV9ubA/542dc73f3b35d0811c8bba13Bc29f94ec)
* [Army’s Upcoming Climate Strategy Will Focus on ‘Tangible Goals,’ Wormuth Says](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=78038a76ba&e=822f95e226)
* [The U.S. Army of the Future: Interview with Army Sec. Christine Wormuth](https://link.militarytimes.com/click/25348793.85542/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL3ZpZGVvLzIwMjEvMTAvMTQvdGhlLXVzLWFybXktb2YtdGhlLWZ1dHVyZS1pbnRlcnZpZXctd2l0aC1hcm15LXNlYy1jaHJpc3RpbmUtd29ybXV0aC8/57588738498e574579743a61Bd25aef26)
* [The future of the Army in space](https://link.militarytimes.com/click/25322356.73491/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL3ZpZGVvLzIwMjEvMTAvMTIvdGhlLWZ1dHVyZS1vZi10aGUtYXJteS1pbi1zcGFjZS8/57588738498e574579743a61Bbe80268b)
* [US Army is ‘knee-deep’ in tactical, wheeled vehicle assessment. Here are the platforms in play.](https://link.militarytimes.com/click/25322356.73491/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2xhbmQvMjAyMS8xMC8xMi91cy1hcm15LWlzLWtuZWUtZGVlcC1pbi10YWN0aWNhbC13aGVlbGVkLXZlaGljbGUtYXNzZXNzbWVudC1oZXJlLWFyZS10aGUtcGxhdGZvcm1zLWluLXBsYXkv/57588738498e574579743a61B5de0995f)
* [With only weeks remaining, US Army preps for release of climate strategy](https://www.defensenews.com/smr/energy-and-environment/2021/10/12/with-only-weeks-remaining-us-army-preps-for-release-of-climate-strategy/)
* [One Army Command's Plan for the 'Future of Work'](https://link.govexec.com/click/25282186.64771/aHR0cHM6Ly93d3cuZ292ZXhlYy5jb20vbWFuYWdlbWVudC8yMDIxLzEwL29uZS1hcm15LWNvbW1hbmRzLXBsYW4tZnV0dXJlLXdvcmsvMTg1OTc4Lz9vcmVmPWdvdmV4ZWNfdG9kYXlfbmw/542dc73f3b35d0811c8bba13B65c00364)
* [New cannons, missiles bring biggest change to artillery in 40 years](https://link.militarytimes.com/click/25310089.66460/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL25ld3MvMjAyMS8xMC8xMS9uZXctY2Fubm9ucy1taXNzaWxlcy1icmluZy1iaWdnZXN0LWNoYW5nZS10by1hcnRpbGxlcnktaW4tNDAteWVhcnMv/57588738498e574579743a61B59626bc2)
* [Army to issue implementation plan for new unified network strategy](https://link.militarytimes.com/click/25310089.66460/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2RpZ2l0YWwtc2hvdy1kYWlsaWVzL2F1c2EvMjAyMS8xMC8xMS9hcm15LXRvLWlzc3VlLWltcGxlbWVudGF0aW9uLXBsYW4tZm9yLW5ldy11bmlmaWVkLW5ldHdvcmstc3RyYXRlZ3kv/57588738498e574579743a61B178669e7)
* [The US Army will soon be able to see itself in cyberspace on the battlefield](https://link.militarytimes.com/click/25310089.66460/aHR0cHM6Ly93d3cuYzRpc3JuZXQuY29tL2N5YmVyLzIwMjEvMTAvMTEvdGhlLXVzLWFybXktd2lsbC1zb29uLWJlLWFibGUtdG8tc2VlLWl0c2VsZi1pbi1jeWJlcnNwYWNlLW9uLXRoZS1iYXR0bGVmaWVsZC8/57588738498e574579743a61Bab10acad)
* [US Army secretary talks FY23 budget and the war for talent](https://link.militarytimes.com/click/25310089.66460/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2ludGVydmlld3MvMjAyMS8xMC8xMS91cy1hcm15LXNlY3JldGFyeS10YWxrcy1meTIzLWJ1ZGdldC1hbmQtdGhlLXdhci1mb3ItdGFsZW50L2w/57588738498e574579743a61B18764c2b)
* [Here are the Army’s new, and ongoing, quality of life initiatives](https://link.militarytimes.com/click/25310089.66460/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL25ld3MvMjAyMS8xMC8xMS9oZXJlLWFyZS10aGUtYXJteXMtbmV3LWFuZC1vbmdvaW5nLXF1YWxpdHktb2YtbGlmZS1pbml0aWF0aXZlcy8/57588738498e574579743a61B7fd0f19d)
* [‘No way around it’: Facing budget cuts, Army braces to fight for modernization](https://link.militarytimes.com/click/25310089.66460/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2NvbmdyZXNzL2J1ZGdldC8yMDIxLzEwLzExL25vLXdheS1hcm91bmQtaXQtZmFjaW5nLWJ1ZGdldC1jdXRzLWFybXktYnJhY2VzLXRvLWZpZ2h0LWZvci1tb2Rlcm5pemF0aW9uLw/57588738498e574579743a61B6f010335)
* [Army Taking a Close Look at Itself and Capabilities, Wormuth Says](https://defensecommunities.us4.list-manage.com/track/click?u=8156c255f5c0e2d33ce307ef7&id=0da7d00c7b&e=822f95e226)
* [US Army Is Scrutinizing Itself, Must Change Swiftly to Face China, Secretary Says](https://link.defenseone.com/click/25306414.89203/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vcG9saWN5LzIwMjEvMTAvdXMtYXJteS1zY3J1dGluaXppbmctaXRzZWxmLW11c3QtY2hhbmdlLXN3aWZ0bHktZmFjZS1jaGluYS1zZWNyZXRhcnktc2F5cy8xODYwMDkvP29yZWY9ZGVmZW5zZV9vbmVfYnJlYWtpbmdfbmw/60881a23aa72246f8b29b0e4Bdb79783f)
* [Report: US Army could field two new vertical lift aircraft if service lives within its means](https://link.militarytimes.com/click/25259360.76254/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL2xhbmQvMjAyMS8xMC8wNi9yZXBvcnQtdXMtYXJteS1jYW4tZmllbGQtdHdvLW5ldy12ZXJ0aWNhbC1saWZ0LWFpcmNyYWZ0LWlmLXNlcnZpY2UtbGl2ZXMtd2l0aGluLWl0cy1tZWFucy8/57588738498e574579743a61B4dc1882b)
* [How Well Can AI Pick Targets From Satellite Photos? Army Test Aims to Find Out](https://link.defenseone.com/click/25265410.59967/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGVjaG5vbG9neS8yMDIxLzEwL2hvdy13ZWxsLWNhbi1haS1waWNrLXRhcmdldHMtc2F0ZWxsaXRlLXBob3Rvcy1hcm15LXRlc3QtYWltcy1maW5kLW91dC8xODU5MTYvP29yZWY9ZGVmZW5zZV9vbmVfYnJlYWtpbmdfbmw/542dc73f3b35d0811c8bba13B08f10cbc)

**Navy**

* November 8, 2021 Meeting of the Intergovernmental Executive Committee for the Fallon Range. [The next meeting of the IEC](https://frtcmodernization.us6.list-manage.com/track/click?u=a15c167b01e85293585c92bce&id=171fd4b330&e=47cd0ca8fe) will be held November 8, 2021, at 2:00 p.m. PST. [www.FRTCModernization.com/IEC](https://frtcmodernization.us6.list-manage.com/track/click?u=a15c167b01e85293585c92bce&id=99842675ca&e=47cd0ca8fe)
* [Navy projects $300M annual savings in new aviation plan](https://link.militarytimes.com/click/25548623.68537/aHR0cHM6Ly9icmVha2luZ2RlZmVuc2UuY29tLzIwMjEvMTEvbmF2eS1wcm9qZWN0cy0zMDBtLWFubnVhbC1zYXZpbmdzLWluLW5ldy1hdmlhdGlvbi1wbGFuLz9fZ2E9Mi4xODc1MjM3Ny4xMzQ2NTI1ODMwLjE2MzU4MDk4ODAtNTg5ODIyNzAyLjE2MzUzNzU2MDY/57588738498e574579743a61B1e0fb924)
* [Navy Seeks To Improve Firefighting After 'Preventable' Bonhomme Richard Disaster](https://link.defenseone.com/click/25409103.18435/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vdGhyZWF0cy8yMDIxLzEwL25hdnktc2Vla3MtaW1wcm92ZS1waWVyc2lkZS1maXJlZmlnaHRpbmctYWZ0ZXItcHJldmVudGFibGUtYm9uaG9tbWUtcmljaGFyZC1kaXNhc3Rlci8xODYyNTYvP29yZWY9ZF9icmllZl9ubA/542dc73f3b35d0811c8bba13B646c21a0)
* [4 C's Drive Biden Administration's First Naval Strategic Guidance](https://link.defenseone.com/click/25282147.73359/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vcG9saWN5LzIwMjEvMTAvNC1jcy1kcml2ZS1iaWRlbi1hZG1pbmlzdHJhdGlvbnMtZmlyc3QtbmF2YWwtc3RyYXRlZ2ljLWd1aWRhbmNlLzE4NTk4Ny8_b3JlZj1kZWZlbnNlX29uZV9icmVha2luZ19ubA/60881a23aa72246f8b29b0e4B842cf448)
* [US Navy secretary supports current operational plans for Marines and Navy](https://link.militarytimes.com/click/25274144.81254/aHR0cHM6Ly93d3cuamFuZXMuY29tL2RlZmVuY2UtbmV3cy9uZXdzLWRldGFpbC91cy1uYXZ5LXNlY3JldGFyeS1zdXBwb3J0cy1jdXJyZW50LW9wZXJhdGlvbmFsLXBsYW5zLWZvci1tYXJpbmVzLWFuZC1uYXZ5/57588738498e574579743a61B6eb26e10)

**USMC:** [Marine Corps F-35B Conduct First Landing Aboard JS Izumo](https://www.marines.mil/News/News-Display/Article/2810746/marine-corps-f-35b-conduct-first-landing-aboard-js-izumo/)

**National Guard:** [“People are relying on us” — National Guard evolves to fight wars, secure homefront](https://link.militarytimes.com/click/25427155.80541/aHR0cHM6Ly90aGV3YXJob3JzZS5vcmcvbmF0aW9uYWwtZ3VhcmQtZGVtYW5kcy1ldm9sdmUtaW4td2FyLXBhbmRlbWljLWRpc2FzdGVycy8/57588738498e574579743a61Bb9d713cf)

## **Homeland Security/Disaster Preparedness**

* [U.S. hit with 18 billion-dollar disasters so far this year](https://www.noaa.gov/news/us-hit-with-18-billion-dollar-disasters-so-far-year)
* Noting that every dollar spent on hazard mitigation saves an average of six dollars in future response and recovery costs, the Western Governors’ Association [shared policy](https://r20.rs6.net/tn.jsp?f=001CrZtNIBYUMWV9At7D3XNYTZGaWx-c1MnBiAdpaOLlybCCqwCyz5bcLhi5uO-YGVpkZ3alLcAZ0Op5ZPa1WxNlZ6NZX2mZEsl8Eoe3vlyIhJDSbJVnr5PZDhwGMAX5G_M23buzQ1fScF_3cPPV8ZtYuyFX_MvZ0TY0dvIZsrBQc82OVLllgTB1e6eDMpUjq5O8uYrJ9vE_Z8jfzQ66P1QaF7Cqn4wPt-hl9vmQILKBskLMvHy1tutAn04IKQ2qpSG&c=Ug1I0BfPS-mGlOO3_qUQvodnVYLrWDrhqlUhm7Uf-OGt8EA00s1kig==&ch=f-BKZwDj40dhR39XrElYxqx_oFSYGF1TCodvOa7mxFkJkbP6xDLI8A==) with the House Transportation and Infrastructure Subcommittee on Economic Development, Public Buildings, and Emergency Management that highlighted the need for more robust and flexible risk reduction strategies to mitigate the effects of major disasters devastating the region. “At a time when state budgets are struggling to keep up with more frequent and costly disasters,” the letter read, “investing in hazard mitigation could have a profoundly positive effect on state and local budgets.” [Read, download the letter.](https://r20.rs6.net/tn.jsp?f=001CrZtNIBYUMWV9At7D3XNYTZGaWx-c1MnBiAdpaOLlybCCqwCyz5bcLhi5uO-YGVpkZ3alLcAZ0Op5ZPa1WxNlZ6NZX2mZEsl8Eoe3vlyIhJDSbJVnr5PZDhwGMAX5G_M23buzQ1fScF_3cPPV8ZtYuyFX_MvZ0TY0dvIZsrBQc82OVLllgTB1e6eDMpUjq5O8uYrJ9vE_Z8jfzQ66P1QaF7Cqn4wPt-hl9vmQILKBskLMvHy1tutAn04IKQ2qpSG&c=Ug1I0BfPS-mGlOO3_qUQvodnVYLrWDrhqlUhm7Uf-OGt8EA00s1kig==&ch=f-BKZwDj40dhR39XrElYxqx_oFSYGF1TCodvOa7mxFkJkbP6xDLI8A==)
* [Wildfire Burn Scars, Raising Risk of Mudslides—This Is What Cascading Climate Disasters Look Like](https://link.route-fifty.com/click/25419202.80746/aHR0cHM6Ly93d3cucm91dGUtZmlmdHkuY29tL3B1YmxpYy1zYWZldHkvMjAyMS8xMC9ldmFjdWF0aW9ucy1vcmRlcmVkLXBvd2VyZnVsLXN0b3JtLWhlYWRzLWNhbGlmb3JuaWFzLXdpbGRmaXJlLWJ1cm4tc2NhcnMtcmFpc2luZy1yaXNrLW11ZHNsaWRlcy13aGF0LWNhc2NhZGluZy1jbGltYXRlLWRpc2FzdGVycy1sb29rLzE4NjM0My8_b3JlZj1nb3ZleGVjX3RvZGF5X25s/542dc73f3b35d0811c8bba13Bf5cd1d89)
* [State emergency responders converge for all-hazard incident management course](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=634c849989&e=e56d7a4004)
* [National Intelligence Estimate: Climate Change and International Responses Increasing Challenges to US National Security Through 2040](https://www.dni.gov/index.php/newsroom/reports-publications/reports-publications-2021/item/2253-national-intelligence-estimate-on-climate-change)
* Read DHS’s Climate Action Plan [here](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDcuNDcwMjE3OTEiLCJ1cmwiOiJodHRwczovL3d3dy5kaHMuZ292L3B1YmxpY2F0aW9uL2Rocy1jbGltYXRlLWFjdGlvbi1wbGFuLWFkZHJlc3MtaW1wYWN0cy1lbnN1cmUtcmVzaWxpZW5jZSJ9.EwahO69Pt5hzXkgns0PjbgYGIq0_eKv6ZyxkYUaPy6E/s/187178900/br/113540205031-l) and learn more about DHS’s initiatives to address climate change [here](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDcuNDcwMjE3OTEiLCJ1cmwiOiJodHRwczovL3d3dy5kaHMuZ292L2Rocy1hY3Rpb25zLWNsaW1hdGUtY2hhbmdlIn0.XeURPCNc7s7nmK1Q95lQ681zI91PP_eEPHr0NuBOzCY/s/187178900/br/113540205031-l).

**CA:** [Storm drenches Northern California, prompting fears of floods, mudslides](https://click.pewtrusts.org/?qs=5b868ad0e692a6c8c70e73b0334e07e5d3bd2e0d8a8a7123640d5e48b0a396f0898ac65c9bed30ec9b6b3da67355bdc0b5da8e374f517c81)

**FEMA**

* [FEMA Announces Initial Initiatives to Advance Climate Change Resilience](https://www.fema.gov/press-release/20211028/fema-announces-initial-initiatives-advance-climate-change-resilience)
* FEMA released the [agency's response](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjYuNDc5MzE5NzEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9zaXRlcy9kZWZhdWx0L2ZpbGVzL2RvY3VtZW50cy9mZW1hX3Jlc3BvbnNlLTIwMjAtbmFjLXJlcG9ydC5wZGYifQ.Ruk8LmccUNXaKv5sfAk8RlZA-RQzO9uHjrcFnQvCrXQ/s/10033766/br/114666583269-l) to the National Advisory Council's (NAC) annual report.
* [FEMA Bulletin Week of October 26, 2021](https://content.govdelivery.com/accounts/USDHSFEMA/bulletins/2f94283)
* [FEMA Flood Maps:](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjUuNDc4NTU0MTEiLCJ1cmwiOiJodHRwczovL3d3dy5nYW8uZ292L3Byb2R1Y3RzL2dhby0yMi0xMDQwNzk_dXRtX2NhbXBhaWduPXVzZ2FvX2VtYWlsJnV0bV9jb250ZW50PWRheWJvb2smdXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.TB2mcumCSnjWmselJhOVi6qsibf73LFVOOzAMiHiaxs/s/571607519/br/114575596246-l)  [Better Planning and Analysis Needed to Address Current and Future Flood Hazards](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjUuNDc4NTU0MTEiLCJ1cmwiOiJodHRwczovL3d3dy5nYW8uZ292L3Byb2R1Y3RzL2dhby0yMi0xMDQwNzk_dXRtX2NhbXBhaWduPXVzZ2FvX2VtYWlsJnV0bV9jb250ZW50PWRheWJvb2smdXRtX21lZGl1bT1lbWFpbCZ1dG1fc291cmNlPWdvdmRlbGl2ZXJ5In0.MxTfbaki47vN6rvV437elC9ET5uMd8nbAdOoXx0Zzno/s/571607519/br/114575596246-l) GAO-22-104079, October 25
* FEMA published a notice in the Federal Register seeking public comment on the National Flood Insurance Program's minimum floodplain management standards. Written comments can be submitted to the Federal [eRulemaking](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1ODIwMTEiLCJ1cmwiOiJodHRwOi8vd3d3LnJlZ3VsYXRpb25zLmdvdi8ifQ._7_aWx4IDBCz3PQu417fNcaW7Z_Eh6KR_UVFtCa-mqE/s/10033766/br/114260298160-l) Portal, Docket ID: [FEMA-2021-2024](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1ODIwMTEiLCJ1cmwiOiJodHRwczovL3d3dy5yZWd1bGF0aW9ucy5nb3YvZG9ja2V0L0ZFTUEtMjAyMS0wMDI0In0.RHQV5usOStEUtg4EmPiInrckCvwrN5-8I4lrnmPDtHQ/s/10033766/br/114260298160-l). The 60-day comment period will conclude on Dec. 13.
* FEMA is announcing the launch of [IS-350 Tribal Mitigation Planning](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1ODIwMTEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9zaXRlcy9kZWZhdWx0L2ZpbGVzL2RvY3VtZW50cy9mZW1hX0lTLTM1MC1mYWN0LXNoZWV0XzEwMjAyMS5wZGYifQ.-2MpJUqd4BqdhYoEnV3X15Ov92ATt8ELULnxxoyvPEw/s/10033766/br/114260298160-l), a new independent self-study course now available online through the [Emergency Management Institute](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1ODIwMTEiLCJ1cmwiOiJodHRwczovL3RyYWluaW5nLmZlbWEuZ292L2VtaS5hc3B4In0.Qf38rLcaqGniBfYD1bMV6BlhU0g3Wdv4h66JAt06FHI/s/10033766/br/114260298160-l). The course provides information on preparing and implementing a tribal hazard mitigation plan. It is based on FEMA’s "[Tribal Mitigation Plan Review Guide](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1ODIwMTEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9zaXRlcy9kZWZhdWx0L2ZpbGVzLzIwMjAtMDYvZmVtYS10cmliYWwtbWl0aWdhdGlvbi1wbGFuLXJldmlldy1ndWlkZV8xMi0wNS0yMDE3LnBkZiJ9.WwLCoQKejed7wj2hAgBkL6wdrKeybWMY_ebqitdie1Q/s/10033766/br/114260298160-l)" (2017) and "[Tribal Mitigation Planning Handbook](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1ODIwMTEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9zaXRlcy9kZWZhdWx0L2ZpbGVzLzIwMjAtMDYvZmVtYS10cmliYWwtcGxhbm5pbmctaGFuZGJvb2tfMDUtMjAxOS5wZGYifQ.WST_Qe1FhC5dXrP_6A5G37ihI4Rx635uvAtGvbbbI4c/s/10033766/br/114260298160-l)" (2019). Registration is available the [Emergency Management Institute webpage](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1ODIwMTEiLCJ1cmwiOiJodHRwczovL3RyYWluaW5nLmZlbWEuZ292L2lzL2NvdXJzZW92ZXJ2aWV3LmFzcHg_Y29kZT1pcy0zNTAifQ.FnZ-WUsUQlBSL8LDen_ptMLIrr7ym0JAQTgolB3wjZk/s/10033766/br/114260298160-l). Visit [FEMA’s Mitigation Planning Training page](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTkuNDc1ODIwMTEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9lbWVyZ2VuY3ktbWFuYWdlcnMvcmlzay1tYW5hZ2VtZW50L2hhemFyZC1taXRpZ2F0aW9uLXBsYW5uaW5nL2NyZWF0ZS1oYXphcmQtcGxhbi9taXRpZ2F0aW9uLXBsYW5uaW5nLXRyYWluaW5nIn0.39RxSO-26ELy6nK3DWDltJuC9k6Chusgs_USefg7nG8/s/10033766/br/114260298160-l).
* The [Resilient Nation Partnership Network (RNPN)](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTIuNDcyMzcyNDEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9idXNpbmVzcy1pbmR1c3RyeS9yZXNpbGllbnQtbmF0aW9uLXBhcnRuZXJzaGlwLW5ldHdvcmsifQ.3VEo7RVNRg3pQQzX-TnGmdE8cu6dewmjkHM8rqJVaL4/s/10033766/br/113766802374-l), FEMA and NASA are co-hosting a four-part series during the [6th Annual Partnership Forum](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTIuNDcyMzcyNDEiLCJ1cmwiOiJodHRwczovL2FsbGlhbmNlcy1mb3ItY2xpbWF0ZS1hY3Rpb24uaGV5c3VtbWl0LmNvbS8ifQ.kKNeFEKjR9dp-8pvpUNOMbcuctG_gj284_y7mdCHtdg/s/10033766/br/113766802374-l) throughout October.
* On Sept. 30, the application period opened for the Fiscal Year 2021 application period for the [Building Resilient Infrastructure and Communities (BRIC)](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDUuNDY5MjM4MzEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9ncmFudHMvbWl0aWdhdGlvbi9idWlsZGluZy1yZXNpbGllbnQtaW5mcmFzdHJ1Y3R1cmUtY29tbXVuaXRpZXMifQ.vBB56eBU-dNriafQGjJIAxQ6iAqHFINSqCt3XxNhlWg/s/10033766/br/113410715417-l) and [Flood Mitigation Assistance](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDUuNDY5MjM4MzEiLCJ1cmwiOiJodHRwczovL3d3dy5mZW1hLmdvdi9ncmFudHMvbWl0aWdhdGlvbi9mbG9vZHMifQ.xssX_6vzCiyXUfuDX0AJPwUW3JuFcDEAdKh1dvXMlmU/s/10033766/br/113410715417-l) grant programs. For fiscal year 2021, $1 billion is available for the Building Resilient Infrastructure and Communities grant and $160 million is available for Flood Mitigation Assistance. The application period closes on Jan. 28, 2022.

**Coast Guard:** [Response time of Coast Guard, local officials questioned in Southern California oil spill](https://link.militarytimes.com/click/25236741.85955/aHR0cHM6Ly93d3cubWlsaXRhcnkuY29tL2RhaWx5LW5ld3MvMjAyMS8xMC8wNC9yZXNwb25zZS10aW1lLW9mLWNvYXN0LWd1YXJkLWxvY2FsLW9mZmljaWFscy1xdWVzdGlvbmVkLXNvdXRoZXJuLWNhbGlmb3JuaWEtb2lsLXNwaWxsLmh0bWw/57588738498e574579743a61Bf2ca0325)

**Cyber**

* [Summit Highlights DOD's Cybersecurity Initiatives, Challenges](https://www.defense.gov/News/News-Stories/Article/Article/2806264/summit-highlights-dods-cybersecurity-initiatives-challenges/)
* [Governor Ducey Launches Arizona's New Cyber Command Center](https://azgovernor.gov/governor/news/2021/10/governor-ducey-launches-arizonas-new-cyber-command-center)
* [Gov. Cox announces formation of the Governor’s Cybersecurity Task Force](https://governor.utah.gov/2021/10/28/gov-cox-announces-formation-of-the-governors-cybersecurity-task-force/)
* [Lawmakers examine TSA's growing role in cyber](http://r20.rs6.net/tn.jsp?f=001HUdG9IDXydVnxVFBEQ2LxvraUnrqqHIF2UAriR3Z7HjjmOrqVvZUY04t10AISvgdN1YY9FO50JgljDRk4oZB7v6LQbapiwt6HDKmjJit3VXnXgf3Qg4iJ2q3oRm3zEjEMrLI1D5Vp-qG_s6LMSfY12wHLTRlhIKErtP_IE99kv9vpYuPOhtDsrWpDgDaiRFhelvXGWEhgri0aefMJSl5Fmx1-voVodwAJz-2-H5zd4cXNN6NlBSbcQ==&c=bNVZqzal1dj3fiZHEHJLBct2PLdA912apzosanl3IoMZeVsdH6TnBw==&ch=_kogyDN87TYeErxe4Loe7IbGQddypTirWa3PGq4PIezv7YKAVX32kQ==)
* [Natural Disasters Can Set the Stage for Cyberattacks](https://click.pewtrusts.org/?qs=10b4cf418a212f36e22d5bd1ce15bae8dafeb929e5c42e8c59a0314728045e56913f14e7dfb8fa49fcaacc450878791bd0720eb2daf41810)
* [Ongoing Cyber Threats to U.S. Water and Wastewater Systems](https://us-cert.cisa.gov/sites/default/files/publications/AA21-287A-Ongoing_Cyber_Threats_to_U.S._Water_and_Wastewater_Systems.pdf)
* [NSA Cyber Chief Spells Out Near-Term Priorities](https://link.defenseone.com/click/25256318.24322/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vcG9saWN5LzIwMjEvMTAvbnNhLWN5YmVyLWNoaWVmLXNwZWxscy1vdXQtbmVhci10ZXJtLXByaW9yaXRpZXMvMTg1OTE3Lz9vcmVmPWdiYi1uZXdzbGV0dGVy/60881a23aa72246f8b29b0e4B1f4e30f9)
* [National Cyber Adviser Lays Out Goals for Upcoming 30 Nation Meeting on Ransomware](https://link.nextgov.com/click/25243186.44275/aHR0cHM6Ly93d3cubmV4dGdvdi5jb20vY3liZXJzZWN1cml0eS8yMDIxLzEwL25hdGlvbmFsLWN5YmVyLWFkdmlzZXItbGF5cy1vdXQtZ29hbHMtdXBjb21pbmctMzAtbmF0aW9uLW1lZXRpbmctcmFuc29td2FyZS8xODU4NjcvP29yZWY9bmV4dGdvdl90b2RheV9ubA/542dc73f3b35d0811c8bba13B3327c027)
* [DoD official credits private sector with helping more quickly mitigate SolarWinds intrusion](https://link.militarytimes.com/click/25248437.95025/aHR0cHM6Ly93d3cuYzRpc3JuZXQuY29tL2N5YmVyLzIwMjEvMTAvMDUvZG9kLW9mZmljaWFsLWNyZWRpdHMtcHJpdmF0ZS1zZWN0b3Itd2l0aC1oZWxwaW5nLW1vcmUtcXVpY2tseS1taXRpZ2F0ZS1zb2xhcndpbmRzLWludHJ1c2lvbi8/57588738498e574579743a61Babf5ac71)
* [Swarm grammar: DARPA to test single user controlling 200 drones in mock city](https://link.militarytimes.com/click/25236741.85955/aHR0cHM6Ly93d3cuYzRpc3JuZXQuY29tL3VubWFubmVkLzIwMjEvMTAvMDQvc3dhcm0tZ3JhbW1hci1kYXJwYS10by10ZXN0LXNpbmdsZS11c2VyLWNvbnRyb2xsaW5nLTIwMC1kcm9uZXMtaW4tbW9jay1jaXR5Lw/57588738498e574579743a61Bd87ba7fa)
* [Governor Ducey Launches Arizona's New Cyber Command Center](https://azgovernor.gov/governor/news/2021/10/governor-ducey-launches-arizonas-new-cyber-command-center)
* DHS Releases Guidance to Mitigate Security Risks with the Advancement of Quantum Computing. Visit [DHS.gov/quantum](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDQuNDY4NjQ5MDEiLCJ1cmwiOiJodHRwczovL3d3dy5kaHMuZ292L3F1YW50dW0ifQ.hBtcvKvsoklEWrDyIVyXw2CJmOtITuI8YwR2D4F8K28/s/187178900/br/113335104238-l).
* [New emergency cyber regulations lay out 'urgently needed' rules for pipelines but draw mixed reviews](http://r20.rs6.net/tn.jsp?f=001ceB3GQGWAHN6l-pvAI_IQogUOn4U4CC_S3QcNtLAt189nJ6h2WO8G7drdPuClk9XitSGlfrzEBZjXrXQniz-Y9JkYe5uPWEhCOFMgiMPMYs2bwBHdJZCnhXacsZUtp2gJLjNsKLj-rOb_Aoe1WhrUNNmUpSm_6IVydSYN1rACsf7PxtQoDuxdCQRfltepMFw_nSSGfJnvleWVssg9TqSRzM26vhF3zGPjJHGKQlXvOCrZfvzprttdfsfuj6nl_ncwRWZqD76TYswqJwKbK0o8qQAnf9wRCpQw7WK8ZCw3dDHrYewLBQ_1AprzVNjMsVd9Q9mHa9Nx7W1-UkdMTVYgs_il_H7aHde&c=whxNvhtQOwUyIJWvAt2Gnqj_q-dtUoxU2J_ir6uWVn17iXdWv8w78w==&ch=SLJ0GgmTubpKLQzuqZ4KxoRpif6CkrbjploAAzEFOHNFvRIUIC_tmw==)

**Wildfire**

* [Wildfire Smoke Disrupts Bird Migration in the West](https://www.usgs.gov/news/wildfire-smoke-disrupts-bird-migration-west)
* [OD Begins Fielding 5G Communications to California First Responders](https://www.defense.gov/News/News-Stories/Article/Article/2818134/dod-begins-fielding-5g-communications-to-california-first-responders/)
* [Utilizing the Cohesive Strategy for Success • Wildfire in the West](http://wildfireinthewest.org/cohesive-strategy-from-the-start/?utm_source=Western+Cohesive+Strategy+News)
* 9TH International Fire Ecology and Management Congress. November 30 @ 8:00 AM - December 4 @ 5:00 PM. While we encourage proposals related to the congress theme, we also accept proposals on a [variety of wildland topics](https://eepurl.us2.list-manage.com/track/click?u=5f6de7b069a57255f980944b4&id=89586382c0&e=34607e62b5).
* [EPA compares impact of prescribed fire and wildfire](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=6ed68fe48f&e=e56d7a4004)
* [USDA now accepting grant applications for wood products, energy](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=d63b6cb9e3&e=e56d7a4004)
* [Firefighting in the era of COVID](https://r20.rs6.net/tn.jsp?f=001Y3Bc21Yk1Ddl62BAVHw-8LQmcO64q5ykFyq3vms-Ycd9zbwJ7RY2Ha8awMtQSPrZ6EzVKivA7YYemcJKKqFw3gh-Ufgfqd6tY4p9fqSVTi8B-5HUMxzhzR6bQozYTFGEAyyeUBIhwDLjniPb_47a4CyG3K7smPiUYWxXzPIIlXc1SS5BG9v5BvJL5A-mMuI8Hr28qK84MLjDEMtCaS-AbPvEqCoV6ev0somD2EfETiid_JtWsNpEANsilYEYOOvzkoNmMxGjtNYud9gQIZZ0Qg==&c=hl86PqQLxvvYBhwR0jWTAkbfmuViZfR2YV_A01E8Va7XKNqg_2itEw==&ch=GRLcMCHFpuIrZ9lpTKSWOpQG-rppJ05n564vU0azovOa915X0X1BUQ==)
* [Sikorsky Exploring Ways to Link Next-Gen Helicopters to F-35](https://link.defenseone.com/click/25342476.17309/aHR0cHM6Ly93d3cuZGVmZW5zZW9uZS5jb20vYnVzaW5lc3MvMjAyMS8xMC9zaWtvcnNreS1leHBsb3Jpbmctd2F5cy1saW5rLW5leHQtZ2VuLWhlbGljb3B0ZXJzLWYtMzUvMTg2MjUwLz9vcmVmPWdiYi1uZXdzbGV0dGVy/542dc73f3b35d0811c8bba13B652fc331)
* In the United States, wildfires this year have [burned more 6.5 million acres](https://link.govexec.com/click/25342476.17309/aHR0cHM6Ly93d3cubmlmYy5nb3YvZmlyZS1pbmZvcm1hdGlvbi9uZm4/542dc73f3b35d0811c8bba13B14699a64), according to the National Interagency Fire Center.
* [It was just wild': guardsmen fight fires from the sky](https://link.militarytimes.com/click/25412947.87541/aHR0cHM6Ly93d3cuZGVmZW5zZS5nb3YvTmV3cy9OZXdzLVN0b3JpZXMvQXJ0aWNsZS9BcnRpY2xlLzI4MTcyNTUvaXQtd2FzLWp1c3Qtd2lsZC1ndWFyZHNtZW4tZmlnaHQtZmlyZXMtZnJvbS10aGUtc2t5Lw/57588738498e574579743a61Baca2f5a4)
* [BLM planning prescribed burning in NE California, NW Nevada](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTUuNDc0MzY0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5ibG0uZ292L3ByZXNzLXJlbGVhc2UvYmxtLXBsYW5uaW5nLXByZXNjcmliZWQtYnVybmluZy1uZS1jYWxpZm9ybmlhLW53LW5ldmFkYSJ9.W4Kulq52A9cXzhyl3b2n5oOWF30vYgsa-UsMtKKS0ng/s/854461416/br/114025612509-l)
* [BLM partners with American Forests to develop Camp Fire Reforestation Plan](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTUuNDc0MzY0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5ibG0uZ292L3ByZXNzLXJlbGVhc2UvYmxtLXBhcnRuZXJzLWFtZXJpY2FuLWZvcmVzdHMtZGV2ZWxvcC1jYW1wLWZpcmUtcmVmb3Jlc3RhdGlvbi1wbGFuIn0.Q-yYQZYrWNhBydanFN1sOeq1awvy7llggSQ6meHXT1o/s/854461416/br/114025612509-l)
* [Assessing the contribution of soil faunal complexity to ecosystem services after restoration with thinning and fire](https://eepurl.us2.list-manage.com/track/click?u=5f6de7b069a57255f980944b4&id=cebba56fd4&e=34607e62b5)
* [What's needed for integrated fires?](https://link.militarytimes.com/click/25322356.73491/aHR0cHM6Ly93d3cuZGVmZW5zZW5ld3MuY29tL3ZpZGVvLzIwMjEvMTAvMTIvd2hhdHMtbmVlZGVkLWZvci1pbnRlZ3JhdGVkLWZpcmVzLw/57588738498e574579743a61Bddac1c0d)
* [Reducing Fuels and Advancing Equity: Incorporating Environmental Justice Into Hazardous Fuels Management](https://r20.rs6.net/tn.jsp?f=001e5tNn_Txozm0aC9UTMWDWlJQCK2BvnvWwrLskt1OUyrmqJm04pqC8ijDBaexPvFNIESz4MPyEpPqcQiqs6rWqRLVFzxFvkKKpAHJwhM9LlaAZ2cFtK4NiYdjqQFPnDBSp6gUxqw901AfAgZ2MLnZ--qu7ef8tG3KiK_YO1JV5VZN7apATffpOg==&c=cHo0ojJlPs_CVcNe8UVqgKhxoZQthpAXlrlkkSfXW1PaTmX7IozvOg==&ch=1DYiK7_3Qbo9BEgZtzljR1c9tCOXIJMGEVZ2VJLen9XsQ-QYm9Qa4w==)
* [Reintroducing Natural Fire in Western Landscapes](https://r20.rs6.net/tn.jsp?f=001F0HqoSvfVA6bhfGMnbu5xA5AUIwXRIDT4asY8mB4jOVyKoeyLE4JOndixnnuiR88cFLlQL7Mz6w1hHXC4P6i0jRUq8eZcMehYvhlJFoprbbkULkoIh0Q9lg183qjjWocSo7iC7vG1-08U3vmZCtib4VdVDTDvbm9lPcXpvayvZtwQJ1x6DTxc1xk3pNvQJ-EWpLM3pukEKPz55XlCh--JUlMvM_2ENn49sqyhShZYEmNTY1gEGsk8A==&c=Tgy0KDYNCmX_E_-1BPojRnLIh_JzAi22azU3ysoc0MwC-0G39QXKAA==&ch=uX_A6WrGaAifs-KWU8scRtyq5Hkcdf1zZEqkGsS7PU54ntOUf7amQw==)
* [Improving post-wildfire streamflow predictions for small watersheds and communities](https://eepurl.us2.list-manage.com/track/click?u=5f6de7b069a57255f980944b4&id=5cf1e6ba65&e=34607e62b5)

**AZ**

* [From Arizona: How wildfires impact wildlife, their habitat](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=4663f90dd2&e=e56d7a4004)
* [Groups say optimization key for future of 4FRI, forest restoration in northern Arizona](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=65786af450&e=e56d7a4004)
* [Navajo County struggles to restart forest thinning project](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=86a2c2f62c&e=e56d7a4004)
* [In Arizona: Prescribed burns now essential, but risky tool](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=30b1da5575&e=e56d7a4004)

**CA**

* Monitoring oak woodland wildlife communities following the Mendocino Complex fire
[January 21, 11 AM PT](https://consbio.us9.list-manage.com/track/click?u=3dea159e4cbe0a0ff3b43eadd&id=2b55cb1ed3&e=c5455c0952). [Register here](https://consbio.us9.list-manage.com/track/click?u=3dea159e4cbe0a0ff3b43eadd&id=351c754b7d&e=c5455c0952)
* Temporal trends in wildlife response to the 2017 Tubbs fire at Pepperwood. November 12, 11 AM PT. [Register here](https://consbio.us9.list-manage.com/track/click?u=3dea159e4cbe0a0ff3b43eadd&id=84adfeb16d&e=c5455c0952)
* [After California wildfires, thousands of trees to be removed](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=f5d003e885&e=e56d7a4004)
* [In California: Klamath prescribed fire training attracts people from around the globe to learn and burn from the epicenter of cultural burning](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=092d341099&e=e56d7a4004)
* [From California: Impact of forest thinning on wildfires creates divisions](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=0ee8b5b97f&e=e56d7a4004)
* [CalFire aircraft battle intense wildfire season](http://r.smartbrief.com/resp/orysDKbjoctCyjcofDlgfMfCVGgI?format=multipart)

**CO**

* [The health of Colorado’s forests is more critical than ever](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=ace2d98fe9&e=e56d7a4004)
* [Polis touts Colorado's wildfire mitigation, conservation efforts in address to western governors](https://www.google.com/url?rct=j&sa=t&url=https://www.gjsentinel.com/news/colorado/polis-touts-colorado-s-wildfire-mitigation-conservation-efforts-in-address-to-western-governors/article_74bbfaeb-1f06-5e64-9fe0-7a71ffe191cb.html&ct=ga&cd=CAEYACoUMTM3NDQ0NzYwOTQ1NjI1NDIzNzkyGmY0MGUxYjVmZDQ4OWRkNmY6Y29tOmVuOlVT&usg=AFQjCNEl9gib9G3u-au5MCB2CtDAzTLxZw)

**NM**

* [Pueblos in New Mexico turn to goats for fire management](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=67e0f9446c&e=e56d7a4004)
* [From New Mexico: Replanting efforts continue in Lincoln National Forest](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=78b6d18760&e=e56d7a4004)
* [Wildfire preparedness is year-round in New Mexico](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=f5c9f1726d&e=e56d7a4004)

**UT**

* [From Utah: Legacy logging industry, nearly pushed out of the Kamas Valley, seen as key to reducing fire risk](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=496ec9d3ad&e=e56d7a4004)
* [This grass burns Utah’s valleys](https://stateforesters.us4.list-manage.com/track/click?u=2492b27b98fbec5ae0cfbf521&id=cf699108bc&e=e56d7a4004)

## **Aviation**

* [NASA, Space Force see growing opportunities to use commercial space services](https://link.militarytimes.com/click/25562156.66537/aHR0cHM6Ly9zcGFjZW5ld3MuY29tL25hc2Etc3BhY2UtZm9yY2Utc2VlLWdyb3dpbmctb3Bwb3J0dW5pdGllcy10by11c2UtY29tbWVyY2lhbC1zcGFjZS1zZXJ2aWNlcy8/57588738498e574579743a61B885cd267)
* ATP Flight School Brings Airline Pilot Training to San Luis Obispo: [State Aviation Journal](https://stateaviationjournal.us1.list-manage.com/track/click?u=e87f320d3afba63a319b38d2d&id=8bcd2a0578&e=6edabe5e85)
* Officials with a number of aviation associations including the Utah Business Aviation Association, the Utah Airport Operators Association, the Utah General Aviation Association, and the Utah Back Country Pilots Association, are optimistic that a new coalition will boost support for general aviation in the State: [State Aviation Journal](https://stateaviationjournal.us1.list-manage.com/track/click?u=e87f320d3afba63a319b38d2d&id=d54253d3d3&e=6edabe5e85)
* [NASA plane to explore much quieter supersonic flight](http://r.smartbrief.com/resp/ouzHDKbjoctGwzzsfDlgfMfCziAi?format=multipart)
* [NTSB Chair Wants Tesla To Limit Where Autopilot Can Operate](http://r20.rs6.net/tn.jsp?f=001YtP_1g39ctwxXQ_yQ86ISaguMER499RlqRbfAZilzhmKASrtUjhmILG4KAf8RBQ9Z3oBMx8VvBwZAy5eJirfN_PxI3ooFZrW9hQ_6rrndlhA2veXeljIFQNjP-OHSz6hRk87wdyARWbop5c1oSg_fMZibUM1t8xvR5ltv6kVw2uQAig7C1W3KWeWJ7N1X5IFZIrJgGvQbViuf8pX8rJWnaFq4VUCRj0Ix14Tovkt2d2IilNsFnuD1W29mqE_p5rR03P-6U4VgfzXBQCQRBNaOQ==&c=mW9Ne32hPZU3j4FncsQ65hHWOGd-phI397noSrTOWHkwSB89h7yElA==&ch=yfGoU0rxQswxQJ4k6LcZracEf_pXbIkBH10j5Lwijc0kpR23yExNvg==)
* A New GAO Study Reinforces the Importance of and Need for a National Aviation-Preparedness Plan. Read the full report [here.](https://r20.rs6.net/tn.jsp?f=001HQE3zgxTCOUHsV6zYW0l72lW1ztL6C5W7iZUgNF7guXtc-JJqpgDbkI1ZR9a23h6EW6w1TX0rjC28VaRRyFQC3xStxHHTn2pEm-UvMg5iYK5p7mmbuWcd3D2DwdltKFIjUzexiSDdpzHOjdlS73Nyc4Y3OCzp2RXAWIXXHeGrhk=&c=ldhfS_AQsBM3eP3FWENVrz9BDcc6r8dAAP0Uh2J_6uaN1TdNd_5taw==&ch=dfKtmfgVQuYmOy9jxH82JGrpj8rfV7p1a_oF_Dusju8_ajQ_hdSlnw==)
* [Company uses CO2 for aviation fuel](http://r.smartbrief.com/resp/ouiIDKbjoctGlFAcfDlgfMfCnLft?format=multipart)
* The National Association of State Aviation Officials is pleased to announce the dates for the 2022 Virtual Washington Conference: March 2-4, 2022. – See [conference website](https://r20.rs6.net/tn.jsp?f=001_sgldGsZIkoiDyFzs5L-aVony5eiTeVwh3Yvxtf8R4Qafuw1ZW7O3h8nbPunWJlv6mMpIkML7PdA0PtuyCBK2yIgp3NHr4di3UCY-CAUlzHSWsKdlv9JzjE40lnLo0Dh1Behbjn7nci1jWuXUaUZe1D2NmEd99pB8brwy8p7OTQwK9UPMFDBrksLOHFVujdt&c=YflSbLnVzk6HSHlm67kZflijSxe9qq91XjkeeaF-Wd5ml-uzdh57dQ==&ch=F6nQU5-U6Gy2aSGdFzPkYei35IuO5XNcHcbA_5Hs0JOD9HZNgAbvlA==)
* [Successful First Public Flight of Volocopter's VoloDrone](https://stateaviationjournal.us1.list-manage.com/track/click?u=e87f320d3afba63a319b38d2d&id=11d09dc055&e=6edabe5e85)
* Utah Aeronautics Conference, May 9-11, 2022, Utah Valley Convention Center, Provo, UT: [Utah](https://stateaviationjournal.us1.list-manage.com/track/click?u=e87f320d3afba63a319b38d2d&id=663bff64f3&e=6edabe5e85)
* [Aviation supply chain faces mounting strain as demand picks up](http://r20.rs6.net/tn.jsp?f=001lwZfdq2dM4U-y0NB-uTYHZqp765210H-pxACJfuqcyZdaMEtWv4N_5L2A44LR0-QZ4eqhmnZBk8gZbyl8R16bozoDq4nzWTSJ5pXqx6tpRuzfpZ_lzE7Eqc_EVIQ1PxPlj1QfqwDF--1anWsMn25wMUzg2klJNaTqceEe_cyqtjg3e589ueJouy3JyaubzC_0r0bK-WJqbsB5WbxqXm10-kEprOX6w0sYcEpMKWA1XqUGMhsHXPIyhSMOkMuxwch&c=EU0v8uUoQjytM7uDyhXqOC8uMlOcS1lOsM2yahwtymJBgi7pXs_y_w==&ch=RAF3aAdPVthBGHu6DfuOg2K7VE9xvA9bPHwi_-CCvkPRi-x_yKBxNw==)
* [Airlines Carry 66 Million Passengers in August 2021 (Preliminary), Up 162% from August 2020, Still Down 20.8% from Pre-Pandemic](http://r20.rs6.net/tn.jsp?f=001lwZfdq2dM4U-y0NB-uTYHZqp765210H-pxACJfuqcyZdaMEtWv4N_5L2A44LR0-QwxiflT0YFLw8uAt0USbpEMyBqTbSjeffesrKpREisRrI8l7PPUqDC_63UBGzjlNjFmyyglhf1edd5kBEa2rrOVYTbG7tFqjPlmsEorHUyyJng5H7f_4-DxQuFF_kLg9LxO7Yqt2EHEI-XUwFJ1dln1rNiZi1TGL9poegutfjhSFCpN3IdTPvFfrcxnQ305hT9b6b8doslq5ZPgiFjCw_d49bWvR5mYN_wnj7ztR_4L8=&c=EU0v8uUoQjytM7uDyhXqOC8uMlOcS1lOsM2yahwtymJBgi7pXs_y_w==&ch=RAF3aAdPVthBGHu6DfuOg2K7VE9xvA9bPHwi_-CCvkPRi-x_yKBxNw==)
* [USDOT Inspector General To Review Efforts To Ensure Adequate Air Traffic Controllers](http://r20.rs6.net/tn.jsp?f=0011-XYC33d2d5opm7GX32zw-v5rG2BfuYzOQjyVqiSpXhU_50ZTV3lOYJhpf8_L5keTbApC3X78RLl9BZhLZmLYgQtpNI8v3RyglanSAIMeVBfUw0cj7rxqSSUENtsfvFFx6iHDjEe1_fUTYkRqViV5hYkoq6MtmaOqK1KjGoDx7XohbS_zznI7Fb55HjIHa1dMGDnYrbSrzVULurft8PRhSefqtL5N4qwT1qICbuQtC5ECkq9yiHsdVU2vOahO4aYvaTQ3HT1UgchhEF4c2oMyA3pYzbZk3nt&c=82_BG5CV6jn4tU8tbvm-DYiGR4BNKPe4wUta8whbmxpB8TIsDzIVeQ==&ch=GTNgfItQfpulMCZNjwArxHNx53SNEtjZW3GTWBpmRyvHCA4pBKUEew==)
* [Business aviation industry commits to net-zero carbon emissions by 2050](http://r20.rs6.net/tn.jsp?f=0011-XYC33d2d5opm7GX32zw-v5rG2BfuYzOQjyVqiSpXhU_50ZTV3lOYJhpf8_L5keDfynCClddCPUDJgbmsAMhBzwMF7Hb2D4E7MzlzV37BHiabI2R4H7cqjaJ7um8k2DZq6KWIOBtZ3THlCY5GihXQszi6c2fSUglt1XsbfuQXGE59DGqRGt4S9TjBoDM8kGTXiKPO7rU9q8FDtrbxbP9exgOzrzcxw531tdb7O-8986jWQH-GB2DIqqmQRCZ9sVpTR_dKlrSUhBlSlVsTBpD-AbA_ydhsls&c=82_BG5CV6jn4tU8tbvm-DYiGR4BNKPe4wUta8whbmxpB8TIsDzIVeQ==&ch=GTNgfItQfpulMCZNjwArxHNx53SNEtjZW3GTWBpmRyvHCA4pBKUEew==)
* Webinar recording: With the recent announcement of the [Sustainable Aviation Fuel Grand Challenge](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTc2NTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2VlcmUvYmlvZW5lcmd5L3N1c3RhaW5hYmxlLWF2aWF0aW9uLWZ1ZWwtZ3JhbmQtY2hhbGxlbmdlIn0.bzb76FwglWjhIhxXv6zHMaNCjlDlK9Fj7euUqxvuvLQ/s/1420386858/br/113843213027-l), and the signing of an [Memorandum of Understanding](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTc2NTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L3NpdGVzL2RlZmF1bHQvZmlsZXMvMjAyMS0wOS9TMS1TaWduZWQtU0FGLU1PVS05LTA4LTIxXzAucGRmIn0.2B8uj8ElK0pXlLZkopkYYjD_2sKK3oPV4hoqgEu3szA/s/1420386858/br/113843213027-l) by DOE, the U.S. Department of Agriculture, and the U.S. Department of Transportation, BETO hosted this webinar covering sustainable aviation fuel (SAF) strategy at BETO, [Download the presentation and listen to the recording](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTc2NTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2VlcmUvYmlvZW5lcmd5L3dlYmluYXItc3VzdGFpbmFibGUtYXZpYXRpb24tZnVlbC1zdHJhdGVneS1iaW9lbmVyZ3ktdGVjaG5vbG9naWVzLW9mZmljZSJ9.VXBzjifHlS18qqhXNxVdlFgF_1HZblsxoGJbkDQL90w/s/1420386858/br/113843213027-l). Learn more about [Sustainable Aviation Fuels](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTc2NTEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2VlcmUvYmlvZW5lcmd5L3N1c3RhaW5hYmxlLWF2aWF0aW9uLWZ1ZWxzIn0.p5GOoAeIwY0PbS4L2iL6plyzgqLQ6mlvF5B9iyHjPQE/s/1420386858/br/113843213027-l) at BETO.
* [Robust growth projected for business aviation](http://r.smartbrief.com/resp/ostLDKbjoctDlsvkfDlgfMfCyxcN?format=multipart)
* [Project aims to make drone navigation more precise](http://r.smartbrief.com/resp/osmRDKbjoctDhctEfDlgfMfCdPGE?format=multipart)
* [Report: Business jet activity continues upward trend](http://r.smartbrief.com/resp/osmRDKbjoctDhcswfDlgfMfCCUbe?format=multipart)
* [US aerospace firms commit to net zero emissions by 2050 -sources](http://r20.rs6.net/tn.jsp?f=001ceB3GQGWAHN6l-pvAI_IQogUOn4U4CC_S3QcNtLAt189nJ6h2WO8G7drdPuClk9XIorizjeBDB6yiicGQYnSn2Psr4koUN_Rjzi_4cSCtqc0mukbPK-usrs2uIKWCwAK28eFcfhtU7tQXVuLQOzlKKCM6MFzTXyIp5ZGFV8G_vQR7qvpvG-o3YOWMLJR38eL2y3rM1JxeHI_uovLyHk2TCGopRz3eSQgLM2OAb16AZp8HtCIZ0nsLSNKZ5EH2LB-WYR5BtjFSH2j61boMYjHu6aChre2vy60Lh5nqlqex53s0sRTniy1Rg==&c=whxNvhtQOwUyIJWvAt2Gnqj_q-dtUoxU2J_ir6uWVn17iXdWv8w78w==&ch=SLJ0GgmTubpKLQzuqZ4KxoRpif6CkrbjploAAzEFOHNFvRIUIC_tmw==)

**FAA**

* FAA proposed [a rule](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTExMDIuNDgyNjI0ODEiLCJ1cmwiOiJodHRwczovL3d3dy5mYWEuZ292L3NpdGVzL2ZhYS5nb3YvZmlsZXMvMjAyMS0xMS8yMTIwLUFMNTFfSXNzdWFuY2VfTlBSTV9CYWxsb29uX01lZGljYWwucGRmIn0.hhu0gY-FDFHcpsvoqpDXOVYIAMl1nXnAtwqcR5VcWoE/s/60191143/br/116349664580-l) requiring commercial hot-air-balloon pilots to hold medical certificates when operating for hire.
* [FAA plans warnings to pilots, airlines over new 5G threat to cockpit safety systems](http://r20.rs6.net/tn.jsp?f=001sYQYtpbxHu0mrLuKphdXD5gMWpWPK-cYn4ej6NkKTxy2e8-1srjo4JK1xcvCi_ZpY9gG2PNm0oZ-mM-0P4zRnTcL8gYa2I09QNK2a0ewIyyO5jdTHDE9OAjeXBsj10P9Z9BB_UyRpV6geG194hMBkStW_5rkbBuHD1tyJahNSkpRBTLNpciiYJPIWzE0BtCoZ3LVQi2_w1JF34rlmEMlw-fwFHQfmvdI3yhxbQNodqX4e5jl9Ok5qMifbRSYPOml32kuCj-5AWw=&c=O06o1c8Wc0f2EJaQKkJS049hztnEW9_t6eUeFZET7sqooV9-gKQjBw==&ch=MdhGhcaGGdwG0nwDWTpyFZIZmbUiDvINCvgX4XodrejsOnk_NhT8Qw==)
* [FAA rolls out platform to monitor laser strikes](http://r.smartbrief.com/resp/ouzHDKbjoctGwzzQfDlgfMfCEMoW?format=multipart)
* Dangerous Laser Strikes Continue Rise in ’21. To identify laser strike trends, the FAA developed a visualization tool, using the [Tableau](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjUuNDc4NDc3MDEiLCJ1cmwiOiJodHRwczovL3B1YmxpYy50YWJsZWF1LmNvbS9hcHAvcHJvZmlsZS9hb2Mud2ViLm1hbmFnZW1lbnQvdml6L0xhc2VyRXZlbnRWaXovTGFzZXJFdmVudHMyMDEwMjAyMCJ9.QdpRfDIVmaZajwfKBrhMWFidx7RottQ-5oMjt4HZIAg/s/60191143/br/114571911030-l) software platform that shows laser strike data from 2010 to 2020 and highlights trends by geographic area, per capita data, time of day and year. [Laser report data by year](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjUuNDc4NDc3MDEiLCJ1cmwiOiJodHRwczovL3d3dy5mYWEuZ292L2Fib3V0L2luaXRpYXRpdmVzL2xhc2Vycy9sYXdzLyJ9.NXjGx17onLRju_cdkTkhm34An3aH0BJAX4_PQ4Oqt04/s/60191143/br/114571911030-l) can be downloaded on the FAA’s website. The FAA remains vigilant to raise awareness about the dangers of pointing lasers at aircraft and encourages the public to [report laser strikes](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjUuNDc4NDc3MDEiLCJ1cmwiOiJodHRwczovL3d3dy5mYWEuZ292L2FpcmNyYWZ0L3NhZmV0eS9yZXBvcnQvbGFzZXJpbmZvLyJ9.d0VgcOiG7BqI9KxukUIYi_n3gFnBcYb_1HoVrUSdFfY/s/60191143/br/114571911030-l) to the FAA and local law enforcement agencies. Please watch our [video](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjUuNDc4NDc3MDEiLCJ1cmwiOiJodHRwczovL3d3dy55b3V0dWJlLmNvbS93YXRjaD92PVhmVW5HVmhLS1ZjIn0.dyrw8SrB2PTpz7aCxHF8sjHju62KV40xXBgDk9oLb84/s/60191143/br/114571911030-l) about the dangers of lasers, visit our [web site](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjUuNDc4NDc3MDEiLCJ1cmwiOiJodHRwczovL3d3dy5mYWEuZ292L2Fib3V0L2luaXRpYXRpdmVzL2xhc2Vycy8ifQ.u_wnPqRIonmP7Vp4G-bGNmWyOZTcMCaUQUUti2OdAL4/s/60191143/br/114571911030-l) and read our [fact sheet](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjUuNDc4NDc3MDEiLCJ1cmwiOiJodHRwczovL3d3dy5mYWEuZ292L25ld3Nyb29tL2xhc2Vycy0wP25ld3NJZD0yMzUzNSJ9.HRtiscmjSajBFxoh9914AZV2nnNPfMtQRixFkrK_VTc/s/60191143/br/114571911030-l) for more information on laser strikes.
* [FAA expands use of 1202 beacon code for glider pilots](http://r.smartbrief.com/resp/ostLDKbjoctDlsykfDlgfMfCTtmL?format=multipart)
* [FAA: Drone pilots can get permission for night flying](http://r.smartbrief.com/resp/oshNDKbjoctDdPcYfDlgfMfCmFLe?format=multipart)
* FAA awarded more than $479 million in airport infrastructure grants to 123 projects at airports across all 50 states, American Samoa and Puerto Rico. [View an interactive map with all the awards](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDUuNDY5MDY3MjEiLCJ1cmwiOiJodHRwczovL2V4cGxvcmUuZG90Lmdvdi8jL3NpdGUvRkFBL3ZpZXdzL0FJUFN1cHBsZW1lbnRhbEZ1bmRpbmdTZXB0ZW1iZXIyMDIxXzE2MzM0Mzg4NjU0OTAwL0FJUEltcHJvdmVtZW50UHJvZ3JhbVN1cHBsZW1lbnRhbD86aWlkPTEifQ.VMUGJOWM6-8PAFZo3Tzg8kDYN8B11mVlGvz8yrP0vV8/s/60191143/br/113377229121-l).

**UAV/Drones**

* [Night Authorization Available for Part 107 Drone Pilots](https://www.faa.gov/newsroom/night-authorization-available-part-107-drone-pilots)
* Drones – A Key Piece in Fighting Wildfires. Read more: [State Aviation Journal](https://stateaviationjournal.us1.list-manage.com/track/click?u=e87f320d3afba63a319b38d2d&id=84b50fce17&e=6edabe5e85)
* [Volocopter supports Rome's air taxi aspirations](http://r.smartbrief.com/resp/ovnbDKbjoctHeypIfDlgfMfCtCRg?format=multipart)
* [9 ways AI drives innovation in drone use](http://r.smartbrief.com/resp/oviDDKbjoctHbpAMfDlgfMfCYIjw?format=multipart)
* [Nuclear facilities embrace drones for inspections](http://r.smartbrief.com/resp/ovdRDKbjoctGzYnsfDlgfMfCcvKg?format=multipart)
* [5 safety benefits of drones on construction worksites](http://r.smartbrief.com/resp/ouujDKbjoctGsFrMfDlgfMfCNNGH?format=multipart)
* [First Lungs Delivered by Drone Save a Man’s Life in Canada](https://go.uavcoach.com/e3t/Btc/ZL%2B113/bVpT04/VVHVsG6VnwYyW7GGTgk5wFlPtVwDG2D4y_TmNN3wqV7L3q3n_V1-WJV7CgWZ5W4djBDR4TkWtvW3Jd3Kd2NnYSXN2XTxQXRttzyW3bmBfk5SGWmLW33-VWY1k4ZhxN1-p4MxLpQ3HW2Kh47D3BLHYfW7QHpDS5ySxGVV8s2lt9dGzP6W13h45Z61w3jNW4Jb37b3Nb8LdW4hq5p98My4hYW3nDjby5Vp9N4W654Vp_2pmyrqW6xBwVn1BJllNW3G_kB72N64qMN6hHW49ws7zMW7gTfj82LwSYzW8Pln586p170MW8nL7Y96nnRNKW96qPXy7rQ0W8W54QPX22xNCWZW3JD8xJ4Vh2v5W17yD1Z4RnNnyW2789429gnTHyN1HhHxPN2w8j3dTy1)
* [Drone pilot attempting to airlift stranded dogs](http://r.smartbrief.com/resp/ouduDKbjoctGhPiYfDlgfMfCoKVh?format=multipart)
* [DoD Approves 11 More Drone Companies for Government Use](https://go.uavcoach.com/e3t/Btc/ZL%2B113/bVpT04/VXk4hy1bMBtQW4q2NHH8f1zsyW56dvtZ4yKSTvN5LPbSL3q3nJV1-WJV7CgWD-W8YRKlX6QGDDBW9cfQl_9fgyP-W4sLHrY63V-hpW6l7VsW7qMPPgW9hVx3K1V38RRVzvTJj8y53q8W5k0bnD8yYn_0VNjR9D3F7nQ5W94Mq-49b8G2nW1-Dm-v6wGJw5W1T278f1mS5g1W8wQgG92D-jwtW5Y3-0R3JGVhGW2_qycQ3hGfszW6TqcW_6-Xc7-W6XQdYR4GMFyXW2qmnvz5L_r9gVRSXZ28pSzvCW51XN6k3fB2cSW7YtRGW1-TB8rW1xpQKd22DKL2W2ZgKj13F7094W6bfgqk8sYdPNVJzkz54JTSK635Z21)
* [New Research Seeks to Improve Drone Navigation Capability](https://r20.rs6.net/tn.jsp?f=001VS-5UJlmMhUEw9WeGyINMq0ZakBHdn2p0s35chNOeoXtptbsEAUKO25QH9EkphP3BXew5rMsVYjM6om0MnRLehU-PyzHP6fIR3f5LAchCFsglsiXi49YWLqwL-IbB2j1yFhNTU21ajTyBWJlO5OK8ZESlTRUbFSFnQYALXa-pMc_5KfgDyOSUuDnrYt-I2lguvY5gtPvY7Wt9cQjjhZWjYgDWJNzDJ-hIiJ8JTxD2mlvYuLQkEmcgKfKxekw0LB6&c=O1w8Jj2xE8w_9GyotYf2HlYR7ilcyEUWF5A8keS5lEa3LJcfHTZIzQ==&ch=mYfCiW1b9O17IUwQS5-zEAtYFZGtsjsBfhyJ6Smn9FYvzU2eKaFrfg==)
* [Drones test delivery capability from shopping mall roof](http://r.smartbrief.com/resp/ostLDKbjoctDlsxofDlgfMfClVhj?format=multipart)
* [Israel a step closer to commercial drones with latest tests](https://apnews.com/article/technology-business-tel-aviv-middle-east-israel-9af02bf7a568a6da9ea4041089417933)
* [Chula Vista PD to Use AirData UAV for Drone Transparency](https://go.uavcoach.com/e3t/Btc/ZL%2B113/bVpT04/VWZybc34yQznW1NTWmm2vvW1WW7zr5cm4yrS-HN7Y8_2S3q3nJV1-WJV7CgDq_W2RlQn98r5Q5_M70Fn9Q_SmrW7_KQrT63TkcxW3JlmGD5qTz86W3cH79q2_mcYqW8hxS2R6b5r5TW6wvqLp7cDNwCW6WYFYS4ybzCyW8171FQ371T50W1slm1p4-mv_5W2Xg2Lm3k2P9mVNWwJ54yLqNxW7sT_cr55J-q9W6VYyRv7Dhqv2W8QNMzt4zj57wV9nYhN6FRkdFW7RRLhd4rtKRBW8GsZ7_6jnkP9N3zX7qGTzrtHW4B2pS52N8-HTW8jh_6Z3dZzcBW4SWKjN8Pfq10W1mLXJm2bxM7WW6Qw9Lk7PjN153pQ31)
* [First FAA-designated UAS 5G Test Site Located in New York](https://go.uavcoach.com/e3t/Btc/ZL%2B113/bVpT04/VWZybc34yQznW1NTWmm2vvW1WW7zr5cm4yrS-HN7Y8_373q3n_V1-WJV7CgRtzW34mSpc28Fzx-W3VrB9L2sl4ssW1f0DWn1Wywr5N5mLc4WqQ9HSVYswTp78VNqzW5BZY0D5d_wzkW6BPRWL28C4x-W3gc3vY4sn_NBW6BvbR42nXk2LW6tS3Xw4M9d-hN4D1WcFGqtvXW7ctYQh7ymX2_W2c69dH6D5G7gW7_KZrM561zMkN47QSN97WCLVN8-tCrZ4FrH4W7DHvSY78cPHnW8m37zd8Wr_MyW424PnX4-H61RN8LlJw2WF66KW8yv8kZ3wxfkDW4QS6-z4SLD4QW6MGSNT1mS0KGW2_n1Y22ryhKpVtjBDP1Ln6-zW46W3ns2BGjTB3gFh1)
* [Aviator designs app to identify drones, keeps pilots safe](http://r.smartbrief.com/resp/orysDKbjoctCyjdwfDlgfMfCUHkI?format=multipart)
* [Drone Banner Ads Take Marketing to a Higher Level](https://stateaviationjournal.us1.list-manage.com/track/click?u=e87f320d3afba63a319b38d2d&id=47bbcde88f&e=6edabe5e85)

## **Spectrum**

* [NTIA Publishes Proposed Service Areas for Broadband Infrastructure Program, Invites Providers to Submit Information](https://www.ntia.doc.gov/press-release/2021/ntia-publishes-proposed-service-areas-broadband-infrastructure-program-invites)
* [NTIA’s 2021 Spectrum Policy Symposium Showcases Cooperation Among Key Decision-Makers](https://www.ntia.doc.gov/blog/2021/ntia-s-2021-spectrum-policy-symposium-showcases-cooperation-among-key-decision-makers)
* Nov 17-18. New: [DOC NTIA Broadband Grant Programs Technical Assistance Sessions](https://r20.rs6.net/tn.jsp?f=001L5hyE4vGBNHFugTSq3GZcEAQP0lV_SyGujPS6vyS_MW1X9dYVoJtoehO5kJyobTrGkkZRseJXkRiJvK2VBED5PPxE8kxBfWqnPY2710El4xR3c3LWA2wzMkUTCDIHTe1Zop8TIW2J1r9OwhxZW02cbGuKLEE1v4EC_tN6sXKf0nBBusH7JEkHeeVHaiPgI-P-dFwS05XYCJkvqhzd4kE9Q==&c=LOAnvFDfVpx0qCmPkspyXggoBXuFbeqpoFeroGGPyAh9TIpATGDbaA==&ch=UTzaZG_WbgIVs07YtZJ84lrS4iHw6CE-BZauLWnCK1n-rQqZ4ryEhw==). FREE! Online.
* 48: Number of states with offices or agencies working to expand broadband access. [Explore 4 broadband access maps](https://click.pewtrusts.org/?qs=911780ad09e701183697856744f28e7344110998908b7ecf558a2a13b3efa12e7b2b95c5ad911baba873c0a36b7018f374c43b5f5e4e32ca)
* [ADOT begins first project to bring broadband internet to rural Arizona communities](http://r20.rs6.net/tn.jsp?f=001sLlIIZzocUBPN7GOVgnNiAj23N5hx7khWMnPrctfmzFdfWzu7wYmALHyrugeBWEpGg-O3Ie6NhLXbuH--5Hbvk_h-nDQ8BPq7NB6HW10j6pmXd-LjUIilH7c1nT_LAy4z9BByjXxAXtvkWQ0vuOoq1A9kC3L2sLliZQxeTtxlR4rz66Y5E5DTOD8TTFUbpVxRO07K36FUPP3oD-HVq9bQRc8SbFj2qKEbfNz-TQIcYWkwrOU8mpAvyeOLY11vCb5btbURrsw5ld9dR7gMETtDxG1xWcgC97k&c=tiaYSegY_wSUxcwqPf2XLj5megV4SPgKOWMcEckL1hcxFN9al1-IFQ==&ch=SBiLKX4GTgO6RruT7uA3saA4_alZitD6dAyEA8pz2qDkINU8anNLug==)
* [FAA Fumbled Its Response To A Surge In GPS Jamming](http://r20.rs6.net/tn.jsp?f=001kmmyqUhGy54D7a_G0V2MLzW5hL2-OQ0UXckq-hqDtKuwECSH-2uVPkOAXzbcbf0b7X0AxEb478Wo6Uc9Hroo66HoC-xTXvakzaO6uNlhFWVI3QPrGOoagL0MOiO-pATKHIKpDn5DQYmwQjQEBukRgniG4_y8lHwsma-IJ3Mwxc9SbE7g-JMHSi45jfRl4NaL&c=iqkcWckmS5UasGRhmrM2ZRNAJrOAV7yMSM-9rBivkjiSWcKM1QRC_Q==&ch=mxwizeZKlAa5fPs0NRIHsgLw7gpKJRyufZonJedYgioA0krb_gklkw==)
* [Addressing 5G national security risks must include satellite security](https://link.militarytimes.com/click/25259360.76254/aHR0cHM6Ly9icmVha2luZ2RlZmVuc2UuY29tLzIwMjEvMTAvYWRkcmVzc2luZy01Zy1uYXRpb25hbC1zZWN1cml0eS1yaXNrcy1zaG91bGQtc3RhcnQtd2l0aC1zYXRlbGxpdGUtc2VjdXJpdHkv/57588738498e574579743a61B50691a70)
* [FCC Begins Spectrum Auction In 3.45 GHz Band](http://r20.rs6.net/tn.jsp?f=001e8wBCGbUPpVgNZvKKiPKIouwSWLR7T4WjROq0GbtEuIvQ56VytdM2bfHVz9vQgI5ZKZMptv6JUM6ehEn2qng-RttKNniqfImpC9zc6phSByLoUQlxPFFVR0oB0b8zGgNE3U1Kce2o0KlZEga0edROP4V8F3dCyHVEyx83WMaHMEEaNB1wrrdJiKJZd_ROk_JmPO4KDXg_WI_GKmLcCXjphMvqDvvfXj7&c=VXkmdT3_HpLhn0mKbaoJmjQoFfRR0fBSScIu5vhqKcO1OxbkovjsNQ==&ch=25tTAG1KuUzJdJFvIHLYTa93HmEssJhVxRru40uvqtTFv-fWnLkq6A==)

# GIS

* [New Data Set Quantifies How and When Energy Is Used Across All Major U.S. Building Types and Climate Regions](https://nrel.us14.list-manage.com/track/click?u=cfb46c07f566f9a82b5fa0488&id=3c6acc7cfb&e=0351f58cce)
* DOE is hosting a [3-part webinar series](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTEzMTEiLCJ1cmwiOiJodHRwczovL2JldHRlcmJ1aWxkaW5nc3NvbHV0aW9uY2VudGVyLmVuZXJneS5nb3YvZW5lcmd5LWRhdGEtbWFuYWdlbWVudC13ZWJpbmFyLXNlcmllcyJ9.PoZV9Lnxc_1cY08UJGEo89FNejS3saMhHdKb-Lj-KjA/s/1420386858/br/113822418667-l) that takes you through the [Energy Data Management Guide](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTEzMTEiLCJ1cmwiOiJodHRwczovL2VlcmUuZW5lcmd5Lmdvdi9lbmVyZ3lkYXRhZ3VpZGUvaW5kZXguc2h0bWwifQ.flmB0nStqRBgHXDNMBv_OLNisWnov68Isr7iOxe1ihU/s/1420386858/br/113822418667-l), [Register for](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTEzMTEiLCJ1cmwiOiJodHRwczovL3VzMDZ3ZWIuem9vbS51cy93ZWJpbmFyL3JlZ2lzdGVyL1dOX2lFWEx6aDIyUzdLQUMzNDdCMUllRlEifQ.elOA8_q4nC3vpWdSkmUSENaY1TeFDLzjiXmzbqO7I0o/s/1420386858/br/113822418667-l) [*Part 2: Build a Solid Foundation for Your Energy Data Management Program*](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTEzMTEiLCJ1cmwiOiJodHRwczovL3VzMDZ3ZWIuem9vbS51cy93ZWJpbmFyL3JlZ2lzdGVyL1dOX2lFWEx6aDIyUzdLQUMzNDdCMUllRlEifQ.SaOacNvmvPp4aIU4xTDjjcZD1WQfFOpGy2zrI0G4b6k/s/1420386858/br/113822418667-l)on Nov. 4, 2021, 11 a.m.–12 p.m. ET.
* For lidar data acquisition and the creation of lidar-derived elevation products. Due: June 1, 2022. [Learn more](https://r20.rs6.net/tn.jsp?f=001HCpThYAW94XQM7FFdbik0JwmeTh-nBtW5VJo23lfuEzcitDvDs-Fsb1cO6extyTpPJyw25BIzsG68yDzEnlxrIcm-6R2x7A703a5H86OQeqOWziVV8VjJCum5rGK8t10mHYnOtGIKS1kU2gJwUAldh7ZyXiCC5X1dK8-R8x-oZRp-RX9oegpTn2sDUPsImZXAYqa5kGQEdmz6XcwVdWWrg==&c=Imt3kAVRTRLImGNEXhrA7PLgg50JbI4i5f7Y2HdYLyVlbDCZTytmGA==&ch=uejSSwJtO2_NBuWPG-5WzBqIVzVGWDSZI0DDi5UlIfjU_p4xz05M2A==)

# Miscellaneous

* [White House announces new tribal nations summit date](https://indiancountrytoday.com/news/white-house-announces-new-tribal-nation-summit-date)
* President Biden honors America’s first inhabitants and the Tribal Nations that continue to thrive today by proclaiming October 11 as Indigenous Peoples’ Day. Read more about this historic proclamation in [The White House statement](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjAuNDc2MzE1OTEiLCJ1cmwiOiJodHRwczovL2djYzAyLnNhZmVsaW5rcy5wcm90ZWN0aW9uLm91dGxvb2suY29tLz91cmw9aHR0cHMlM0ElMkYlMkZ3d3cud2hpdGVob3VzZS5nb3YlMkZicmllZmluZy1yb29tJTJGcHJlc2lkZW50aWFsLWFjdGlvbnMlMkYyMDIxJTJGMTAlMkYwOCUyRmEtcHJvY2xhbWF0aW9uLWluZGlnZW5vdXMtcGVvcGxlcy1kYXktMjAyMSUyRiZkYXRhPTA0JTdDMDElN0NrZXJyaW4uamVyb21pbiU0MG5yZWwuZ292JTdDZTA3YzcwYTUxZmI5NGMyNzYxMDgwOGQ5OGQ4ZDcyMGIlN0NhMGYyOWQ3ZTI4Y2Q0ZjU0ODQ0Mjc4ODVhZWU3YzA4MCU3QzAlN0MwJTdDNjM3Njk2NDYwOTQ0MzA1NDg5JTdDVW5rbm93biU3Q1RXRnBiR1pzYjNkOGV5SldJam9pTUM0d0xqQXdNREFpTENKUUlqb2lWMmx1TXpJaUxDSkJUaUk2SWsxaGFXd2lMQ0pYVkNJNk1uMCUzRCU3QzEwMDAmc2RhdGE9Y0lnNXduRm1EWGw5JTJGaDlzNnR4anNJaFpia3V4NnU3dVRma3ZsVUR4Rk1FJTNEJnJlc2VydmVkPTAifQ.zspcgGqjhfn-iH8e17MxMTdeHYe0vaq5HFhvYfUGYzU/s/112186182/br/114308923503-l).
* A group of nine retail giants have signed on to a [statement](http://click1.trk-washingtonexaminer.com/dccpgblchhjfsjghfrlcrflwkcfbrdndkzckjlrdrppcp_ivzhbvgndhhwydvbddyhdd.html?a=Daily+on+Energy+101921&b=10%2F19%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) that commits them to employing ships exclusively powered with zero-carbon fuels by 2040.

**Infrastructure/Transportation:**

* [DOE Announced Nearly $200 Million to Reduce Emissions From Cars and Trucks](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTExMDIuNDgyNTg0NzEiLCJ1cmwiOiJodHRwczovL3d3dy5lbmVyZ3kuZ292L2FydGljbGVzL2RvZS1hbm5vdW5jZXMtbmVhcmx5LTIwMC1taWxsaW9uLXJlZHVjZS1lbWlzc2lvbnMtY2Fycy1hbmQtdHJ1Y2tzIn0.ThdiVnGsCr-s9ejokzWBgkbUU8IQ-UvrCS4Ifi-47eI/s/187069501/br/116339702677-l)
* [Study: Charging Up EVs Costs More Than Filling Up Gas Tanks](http://r20.rs6.net/tn.jsp?f=001jk7a_XcHGlBnR7lxP6jbwZBwf8bUBEgLYzgGjjuXN4eMPsTfRcHH8nZiahkuxfqvkwRdWti2OgeT3C4zquZz8VGMU7AWcuYc1n-uDTum8n5u0Md6owZ6IX39D_YUmSuKO3YzvBvK7DbgGeWMDMXUecn0C7NtIlUr2s_y2ARmTna-zZjiFWeITsV-1NgmBVPuGgguOo02QvxhRwZZFSpNSRDMIqqHRGCdXuRtBlj9MvsS8adb_8n5ISeCdsg9Lqaa&c=gKgb10DQpU6vx995rIhj4IkIGj2GtuyJpuO7i-Rs1aN2ewkVsvXmEg==&ch=QGxRPVuxJ7ZrxzFtf4WPaYq8FATst1rpN6UDxPwn88i1mQ-Jh9nlVw==)
* The [At a Glance: Electric Vehicles brochure](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTEzMTEiLCJ1cmwiOiJodHRwczovL2FmZGMuZW5lcmd5Lmdvdi9maWxlcy91L3B1YmxpY2F0aW9uL2VsZWN0cmljLWRyaXZlX3ZlaGljbGVzLnBkZiJ9.ZOhAA22_KP68suSQ43XRqOfV7mnvY3SlrYC1PLSJpHg/s/1420386858/br/113822418667-l) answers common consumer questions about why to consider an EV, costs, charging information, and maintenance.
* The [*Electric Vehicle Basics* fact sheet](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTMuNDcyOTEzMTEiLCJ1cmwiOiJodHRwczovL2FmZGMuZW5lcmd5Lmdvdi9maWxlcy91L3B1YmxpY2F0aW9uL2VsZWN0cmljX3ZlaGljbGVzLnBkZiJ9.HYa5pu7IrIXFiyW75nP9vEeJ2A-9iOHKU3Wpsg2iXuA/s/1420386858/br/113822418667-l) is designed for organizations with fleets who are considering implementing EVs.
* [One-fourth of US infrastructure is at risk of flooding amid 'changing environment,' new report says](http://r20.rs6.net/tn.jsp?f=001LyCDhcL3BE4oG3ezLhCgHIuNsyx7FIlAyEsprjuquA2zVuwLUbLf65-fBwrZOMRJeO9i_u-XxufLOflWleaycGjzWbaovceJNCR2qUtlzAzLyQUi53t1Dk9r0PGcoPOubl0aHz5vZvItVThO3G2B-SNR13VBJ2_vRPiXRRj2vGfmxQwxtDbHmWN6-yLD8R8s9COxhm8kwcbzDOTv0uGxPZjiB9YitVuQyR1xQ5MlgoGGtnQZ3qzy-JIRE3jg4thopFwEpwqC7umHHH_0CRLn62lqKD6_FLq5qpPMMm5HUGFBuEoHVXGioJDE7iAqqP4EVvt3RyhFb2g=&c=3bDjLCTftN-MPx7DWfPl6ICWwqEDajg5DPFHDjw99-_tJ0C164R6Pw==&ch=P3zjbJGZxsH9DQGvkDuHspLmeTUUL7b6cg6axO25lvDIuoMPDW046w==)
* A new [report](http://click1.trk-washingtonexaminer.com/tbczwtdvhhpkjpwhkbdvbkdrfvktbmgmfsvfpdbmhhbvl_uqgqgwypfqqshfwwcpyhpy.html?a=Daily+on+Energy+101121&b=10%2F11%2F2021&c=WEX_Daily+on+Energy&d=24307622&e=acc29f3c176ce66d97d74ade2fdba05b9e3c1d9e6214b0774d1c5a4f05579b94) from climate change research firm First Street Foundation estimates that about a quarter of the nation’s critical infrastructure, including utilities, airports, and emergency services, are at risk from flooding.
* [Reports Highlight Growing Federal Focus on Resiliency](https://r20.rs6.net/tn.jsp?f=001e6UoQ3lPE0E0HNTtvmYVCckw6FVkyQy9RYZGeMb58pA_FoOlWbBvbOzuS98KiC5QgP0DYHMS9a8hMfyV8alk0cwe3ud6FU2c2cxzC9xv5duLGVZRqO4cPRcp00AKZKfvG05ZuKlh9ePVcCcBaurtMaidK3lUgDoHdFRAsR0srIbFl2K_ns7eL5I8OtxMbXun_-0aI6WVq-PoagkvJO2qHE9xz3zLsMHUSWIPEF5Ipdp3FIqfyfgtZQ==&c=q6d2RgKKPyDVcsk8IELC_Jl3IlpgK3qiLkDrrl_ZNjOmsq4iAVbEEQ==&ch=740DGBjO2CKvZse2oc7x40lmWRakevcbAVX6V0oVrKs7dKtiTR6yeA==)
* [USDOT Secretary Buttigieg Statement on Agency's Newly-Released Climate Adaptation and Resilience Plan](http://r20.rs6.net/tn.jsp?f=001kmmyqUhGy54D7a_G0V2MLzW5hL2-OQ0UXckq-hqDtKuwECSH-2uVPkOAXzbcbf0ba3wCNsapLS5H5c-zaEMzUdDzR_QRZny7piGZDeyO9djHWcDbwWt5EfJG5PmbRJMM-neO6-pPcmgbMLt_0e6dPcIfCguT7Jn4ovVmw-DyaY4aVoHukQzovcpdhtBFmty28hTp4xHmCM4uovFuskBDaJe9naWpUhVmxxH7BsvRZImT5DF1pbI_R0i07MGMkmiQxBdgp0tL9zmyIWGb7kwMegWOkd5QDuK-de0cS7oDvYPtFH45etJo8Q==&c=iqkcWckmS5UasGRhmrM2ZRNAJrOAV7yMSM-9rBivkjiSWcKM1QRC_Q==&ch=mxwizeZKlAa5fPs0NRIHsgLw7gpKJRyufZonJedYgioA0krb_gklkw==)
* [US Cybersecurity & Infrastructure Security Agency Issues Guidance To Mitigate Threats To Autonomous Vehicles](http://r20.rs6.net/tn.jsp?f=001e8wBCGbUPpVgNZvKKiPKIouwSWLR7T4WjROq0GbtEuIvQ56VytdM2bfHVz9vQgI5GLQhFwLeJDMWKN6uidyFqMok82CiZ9EiVUPbO0CoOcVrJ7HZjwO8oHn0f4kuYdlX_RALE16-62clhx9QittueDzi4t22IayvUHTWsi4uTwC_1QoxVqlJNDhfsB8fK9uxZtk2OyuItAMzloNUJ7UPeYPz8nREMPQZsGR8B9N77n9r30f5R1gGFVwZmbIb-hdjME-G64saJzU=&c=VXkmdT3_HpLhn0mKbaoJmjQoFfRR0fBSScIu5vhqKcO1OxbkovjsNQ==&ch=25tTAG1KuUzJdJFvIHLYTa93HmEssJhVxRru40uvqtTFv-fWnLkq6A==)
* [California, U.S. Department of Transportation Announce Partnership on Supply Chain Infrastructure Program](https://www.transportation.gov/briefing-room/california-us-department-transportation-announce-partnership-supply-chain)
* [New executive order by governor aims to alleviate congestion at California's ports](http://r20.rs6.net/tn.jsp?f=001P1mgllg7STf3lPF7bzrAoYkbqqmfhG_RJibI8GOJP0t78dAwz3GlXh-GunMUF_3IMBLym0_HvcD90_KWLGP81gbe9l-wu1FGcg9jevTBlM_Qc2DndG37bh5ouF1yeMlGLx-0vFQ-NQPy9YW0qDsxCo1vimg7vgNq23pauFGQAwBZmy4yRNALo7_MMQp6JwFSTddWKdX7_34tc0aAaKDpAC8WP_ia6xhQjK5esP85otTtDBDRP6I2ryicrVOPYZrI&c=cuaw4LspprZh9h3SXszr5WsLaKpu2dMWZx3MO8KFekIajd74hGqSrQ==&ch=YFhYscz6Fswa-tI49s2mX_9Oq5IZ8fUHtFLT1vyYdBa4bJjVwhLIKg==)
* [California passenger rail corridors form 'advocacy coalition'](http://r20.rs6.net/tn.jsp?f=001P1mgllg7STf3lPF7bzrAoYkbqqmfhG_RJibI8GOJP0t78dAwz3GlXh-GunMUF_3I1oV22N_GfisO473jfIFAUKPbHWX1npLnrlnAnMP_YPdyooPwHxmBFJn2BCe0swzohDfeyP4yYfaBVhMeFci1vTaPi_79Xlr7H4TPI3WkA2umOqaXJ69DooOp31kRqIHH6X-2TeKNcGtBI_ygQBCRnigVGCKx9KblXozgkplh57UWcnDg_359rOEIuGOz14TBXHDoQg__oERDjSN-0TlKgGqFkU1cUkGtTjyQMSG9vYA=&c=cuaw4LspprZh9h3SXszr5WsLaKpu2dMWZx3MO8KFekIajd74hGqSrQ==&ch=YFhYscz6Fswa-tI49s2mX_9Oq5IZ8fUHtFLT1vyYdBa4bJjVwhLIKg==)
* [California ports aren't the only ones facing record backlogs of cargo ships - 3 other US ports have hit historic highs](http://r20.rs6.net/tn.jsp?f=001ceB3GQGWAHN6l-pvAI_IQogUOn4U4CC_S3QcNtLAt189nJ6h2WO8G7drdPuClk9XQWCWRqMTUf9Zns_4xykAgO7rXLEdLNKPVeBXM-6FuSgA4J8IZQB2vYqX3g4XI7UUgJ9jZXHMmWZIcPQ6LmxsOuPx2q9VM95E8wvhVDEUVmqfhzk-QttQEqesPNSBhKc5Dn4NNgWEC8HTP1FNcEsQXcaX7F7K5TdcNT1qZIroggWe0v0GH-6n-1yx7FlBeIGW&c=whxNvhtQOwUyIJWvAt2Gnqj_q-dtUoxU2J_ir6uWVn17iXdWv8w78w==&ch=SLJ0GgmTubpKLQzuqZ4KxoRpif6CkrbjploAAzEFOHNFvRIUIC_tmw==)
* [Colorado DOT Helps Complete I-25 Wildlife Underpasses](https://r20.rs6.net/tn.jsp?f=0017aumdFsUUtsoR4eRLmwSfJw6A5ckGSs4hwzI6pwMEJ0LVuUMfQONIyCUigBsFKhtJsMLxZslxhPMWK9gC1MzvyuNwjWsHaOcYXWWA4rOexmwFdxUhg8FMIBWOeVif1rUeUhF9HF3KOtS3hcQbPahP0OVfeLRXcsPXrTvF_1oddnISdGCgQbjAmpf20WL30HWdAKKHG9lfGoQ7j6Ibe8RrrM1SXPEkofysUuZjObNCS7bVeC6bp7M6g==&c=k6pUnjB5v9dtIkDCgbeU1AYMDI0B2Sqq07kjFRforCNTCaxGfRTkgQ==&ch=gEVsebpiAMjIgS1NiroQjtS7y_kKTJbRR3N_gK6XUGAxi8hd-TUuiw==)
* [Utah DOT Seeks Input on Public Participation Plan for Statewide Rural Transportation Planning](http://r20.rs6.net/tn.jsp?f=0011-XYC33d2d5opm7GX32zw-v5rG2BfuYzOQjyVqiSpXhU_50ZTV3lOYJhpf8_L5keeT76ftyf4Zf22TnRfwkVzDfcA8m13f7TFXMz_qzjggKaIUA5AE5uPo-c-zpK6o2rHRrwe9TJ_rT33CIvhbiWirXtcPoMIajuYaWhpgaM5eAP-NWFgAFF1QgpsLOcLNS9mJNHsZ0XOrrYAwXqEhUzBxv7O62HTjfvYKLEGBP75rP4YKWtta5mm0gCUPzs1tuqPQrRGSR0nk-HjQZ-vojl26oWoKCrglj_PRbopYgq9RZvUhwFNKMiN6CfakY-WDdcHR7gUjScTRcncpeaQ6sgvw==&c=82_BG5CV6jn4tU8tbvm-DYiGR4BNKPe4wUta8whbmxpB8TIsDzIVeQ==&ch=GTNgfItQfpulMCZNjwArxHNx53SNEtjZW3GTWBpmRyvHCA4pBKUEew==)

**DOI**

* [Tracy Stone-Manning Sworn In as Director of the Bureau of Land Management](https://www.doi.gov/pressreleases/tracy-stone-manning-sworn-director-bureau-land-management)
* [Interior Department Welcomes New Biden-Harris Appointees](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTUuNDc0MzY0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ByZXNzcmVsZWFzZXMvaW50ZXJpb3ItZGVwYXJ0bWVudC13ZWxjb21lcy1uZXctYmlkZW4taGFycmlzLWFwcG9pbnRlZXMifQ.w2cp_0qaUfD7dBgRu8zkHYitw9fSAd2v88SF0uGDrcg/s/854461416/br/114025612509-l)
* [This Week at Interior October 29, 2021](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjkuNDgxMDk1NzEiLCJ1cmwiOiJodHRwczovL3d3dy55b3V0dWJlLmNvbS93YXRjaD92PWFUTnNTSU5iZm5VIn0.KkF1VznTQet8IjmLhtTUyOuhTVGsOj4i1n3U7-MzRyA/s/854461416/br/115398003857-l)
* [This Week at Interior October 22, 2021](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMjIuNDc3NzMxOTEiLCJ1cmwiOiJodHRwczovL3d3dy55b3V0dWJlLmNvbS93YXRjaD92PVNxQ3VHX2prcWJvIn0.UvtYdAZ4etlwcuep1-p2X1CWddRw5is1mFvBDRVa-04/s/854461416/br/114499001265-l)
* [This Week at Interior October 15, 2021](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMTUuNDc0MzY0MDEiLCJ1cmwiOiJodHRwczovL3d3dy55b3V0dWJlLmNvbS93YXRjaD92PVczRVBzWDNKVUtRIn0.tYe1Hwdob0kXG4xlN3wBAdwH_i00UMD66LvKphHIDls/s/854461416/br/114025612509-l)
* [This Week at Interior October 8, 2021](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDguNDcxMDg0OTEiLCJ1cmwiOiJodHRwczovL3d3dy5kb2kuZ292L3ZpZGVvL3RoaXMtd2Vlay1pbnRlcmlvci1vY3RvYmVyLTgtMjAyMSJ9.f-Wex6qJjiAAaSBaAdl1WmHxau5yoHmDtvjPp8nxUB0/s/854461416/br/113646502081-l)
* [This Week at Interior October 1, 2021](https://lnks.gd/l/eyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMTEwMDEuNDY3NzQ4MjEiLCJ1cmwiOiJodHRwczovL3lvdXR1LmJlL1NjLWgzSjVLZUlnIn0.AtO1599UJZcAsH0oA0sDDaOKXNWWGKFFnauShrOWfWQ/s/854461416/br/113257277956-l)

**States**

**AZ:** [Governor Ducey, Council Members Discuss State Efforts To Better Serve Arizonans](https://azgovernor.us3.list-manage.com/track/click?u=92fdf4d2c03bdcc82721f4a7b&id=f4ed0f73a4&e=3fb8d463ec)

**CA:** [On Indigenous Peoples’ Day, Governor Newsom Announces California Truth & Healing Council Partnership to Support Philanthropic and Community Engagement](https://www.gov.ca.gov/2021/10/11/on-indigenous-peoples-day-governor-newsom-announces-california-truth-healing-council-partnership-to-support-philanthropic-and-community-engagement/)

**CO**

* [Polis Administration Releases New Colorado Medium- and Heavy-Duty Vehicle Study](https://energyoffice.colorado.gov/press-releases/polis-administration-releases-new-colorado-medium-and-heavy-duty-vehicle-study)
* It's been nearly a year since the [2020 Colorado Resiliency Framework](https://coresiliency.us13.list-manage.com/track/click?u=1d97570d5b1d9d9b89bf4591b&id=be6d2e04d3&e=1278e580ca) was released, and we're planning a virtual Resiliency Summit at the beginning of 2022 to celebrate our successes and gear up for the new year.
* [Wildlife crossings integral to Colorado's transportation future, Gov. Polis says](http://r20.rs6.net/tn.jsp?f=001ceB3GQGWAHN6l-pvAI_IQogUOn4U4CC_S3QcNtLAt189nJ6h2WO8G7drdPuClk9XGxvYbDK16c_o4IlL8Zps92Yykw214GwSbkMR6gtdtU-1suFbKmScLOanDWkzN8UVTBDCSfddfVqda3G-tdtdVJoLUvJAFN5oD6Y3ChVOzPeDz1ohCaTnRK1AD2iU6PZE-yw1p_AJ-0knVSdMcfzaYPHNTBHbIyLJc6FXqUrFqWHoQ8wP6vP35kFchCGCdq67EMrfhXhQPcM=&c=whxNvhtQOwUyIJWvAt2Gnqj_q-dtUoxU2J_ir6uWVn17iXdWv8w78w==&ch=SLJ0GgmTubpKLQzuqZ4KxoRpif6CkrbjploAAzEFOHNFvRIUIC_tmw==)

**UT**

* [Gov. Cox and Lt. Gov. Henderson release One Utah Roadmap update](https://governor.utah.gov/2021/10/20/gov-cox-and-lt-gov-henderson-release-one-utah-roadmap-update/)
* [Utah's great challenge: Bringing all sectors together to plan for rapid growth](http://r20.rs6.net/tn.jsp?f=001e8wBCGbUPpVgNZvKKiPKIouwSWLR7T4WjROq0GbtEuIvQ56VytdM2bfHVz9vQgI5O-_mHgYMcdsSZSAx138stLVPROqT4CBnoo29Gb3imx2Nu6NonUneVaUVtYMjg2wx7o1j0nr0CNeSqlQc2AIhIftybqqg8DtAoMzE0c8yExnBLCb7RjIEFFSIXQbqvodsG8XPZ1WS7a26odJehAc2xT-s1Lfs2i_1AzL20upwC7uycRbMJBVZczB12gEU7S55U9rR7A0h3Fd8Qy1yKqbYc8JWGVTgBb-LRcNVNp32mPw=&c=VXkmdT3_HpLhn0mKbaoJmjQoFfRR0fBSScIu5vhqKcO1OxbkovjsNQ==&ch=25tTAG1KuUzJdJFvIHLYTa93HmEssJhVxRru40uvqtTFv-fWnLkq6A==)