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Beseeching Woman

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Indigenous Inspiration

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"Beseeching Woman." A giantess of driftwood, crumpled car metal and feathers, she reaches from the shoreline in a plaintive gesture at the Albany Bulb.

Judge halts RFK Jr.'s health agency restructuring <https://share.google/DY0h5DEioSbU2s0WE>

Indigenous inspiration



Artown's Cultural Connections series continues with a performance by Canadian electronic music duo **The Halluci Nation**, who blend instrumental hip hop, reggae, moombahton and dubstep-influenced dance music with elements of First Nations music. Formerly known as A Tribe Called Red, the three-time Juno Award winners Bear Witness and Tim "2oolman" Hill reintroduced themselves as The Halluci Nation to reflect the evolution of their music and mission. Through groundbreaking stage shows and ever-changing visuals, they work to create media that reflects the modern day Indigenous identity. The show starts at **7:30 p.m., Wednesday, July 9**, at the Nevada State Bank Stage inside **Rancho San Rafael Regional Park, 1595 N. Sierra St.** Call 775-322-1538, or go to artown.org.

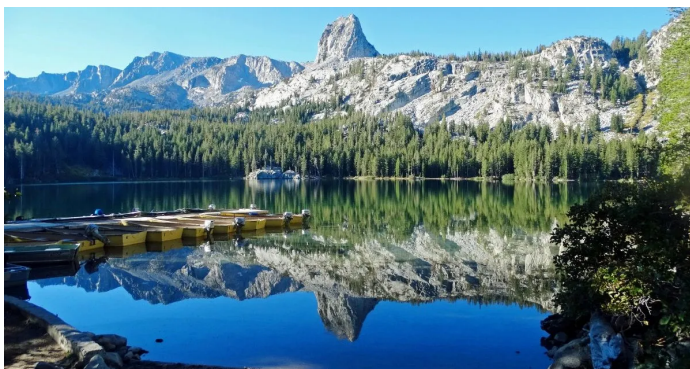
What does climate change mean for agriculture? Less food, and more emissions



“New research spotlights the challenge of growing food on a warming planet. Two recent studies — one historical and the other forward-looking — examine how rising temperatures have made and could continue to make agricultural production less efficient, fundamentally reshaping the global food system as producers try to adapt to hotter growing seasons. The findings illuminate the bind that farmers and consumers find themselves in. Agricultural production is a driver of climate change; it’s estimated to be responsible for somewhere between a quarter and a third of global greenhouse gas emissions. But it is also hampered by the changes in weather patterns associated with climate change. While producers struggle to harvest the same amounts of food in the face of droughts, heat waves, and hurricanes, shoppers are more likely to face climbing food prices. ... ” [Read more from Grist.](#)

EPA employees sign ‘declaration of dissent’ over agency moves under Trump

“A group of Environmental Protection Agency employees on Monday published a declaration of dissent from the agency’s policies under the Trump administration, saying they “undermine the EPA mission of protecting human health and the environment”. More than 170 EPA employees put their names to the document, with about 100 more signing anonymously out of fear of retaliation, according to Jeremy Berg, a former editor-in-chief of Science magazine who is not an EPA employee but was among non-EPA scientists or academics to also sign. The latter figure includes 20 Nobel laureates. The letter represents rare public criticism from agency employees who could face blowback for speaking out against a weakening of funding and federal support for climate, environmental and health science. Scientists at the National Institutes of Health made a similar move earlier in June. ... ” [Read more from The Guardian.](#)



Lake George and Crystal Crag, Eastern Sierra. Photo by Don Graham.



INTER-TRIBAL TULE BOAT RACES

Saturday, July 12 | 9am - 4pm
Black Miners Bar | Folsom

Food trucks will be on-site.

Non boat race participants will need to purchase a general parking pass for \$10.

Register to participate in the boat races by using the link below.

<https://bit.ly/2025Inter-TribalTuleBoatRaces>

Age Groups for Races

7-12 | 13-15 | 16-18 | 19-54 | Elders 55+

Parking passes will be provided for boat race participants.

All participants are required to wear a life jacket. We encourage you to bring your own, as we will have a limited number available.

Bring a Tule boat (boats can be pre-made or constructed on-site).

Paddles will be provided.

Event Questions | Chazz Pettis | 916-709-4560 | Cpettis@ssband.org

For more information: shinglespringsrancheria.com

REGISTER



Water productivity of winter cereal crops in the San Joaquin Valley: Research update

“Over 500,000 acres of farmland in California are expected to come out of production by 2040 because of water limitations from drought and state regulations. While some of this land may be put to other uses, much of this acreage could be left fallow. Finding ways to keep growing crops even when water is limited would help farmers, protect the environment, and support the economy. Winter cereals such as wheat, barley, and triticale could be a part of the solution. These crops are low maintenance and offer growers options for flexible management. They can be grown with little water input, relying mostly on precipitation from the winter rains, and can be harvested for a range of forage and grain products. In some parts of California, winter cereals are grown without any irrigation, but rainfall in the San Joaquin Valley is unpredictable and typically lower than the state average, making dryland agriculture more difficult. ... ” [Read more from UCANR](#).

Researchers examine six major water conservation strategies for agriculture

“Water is at the heart of agriculture. Every stage of the food-growing process depends on having reliable access to water. However, water levels are declining in many rivers and [aquifers](#) that function as key resources for agricultural producers, particularly in the Western U.S. Those declines threaten food supplies as well as critical ecosystems. A new review paper led by researchers at Colorado State University examines six strategies for addressing the challenge of water scarcity. “There is no simple solution,” said Thomas Borch, professor in CSU’s Department of Soil and Crop Sciences with a joint appointment in the Department of Chemistry and the paper’s principal investigator and a senior author. “But the systems-based approach we discuss in our paper offers a strong foundation for building a more sustainable and effective water management strategy.” Such strategies are critical in part because agriculture typically uses about 80% of available water supplies in the U.S.. ... ” [Read more from Colorado State University](#).

.Officials uncover rising threat to US groundwater — here’s what you need to know

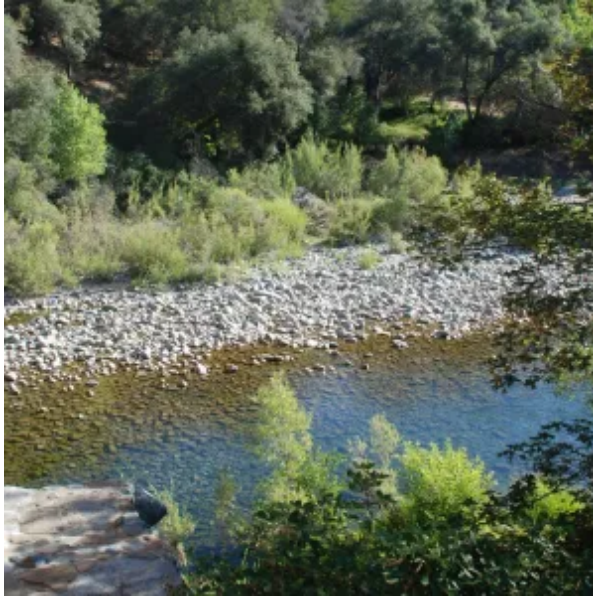
“Accelerating sea level rise has also meant a rise in shallow fresh groundwater in California, putting water supplies at risk from exposure to pollution. Scientists employed a new method to assess that risk and recently released their findings in a new report. Researchers from California State University, Long Beach, used deep learning and explainable artificial intelligence (XAI) models to determine California’s risk of polluted groundwater exposure from sea level rise along the state’s coast. While most advanced AI models make decisions that involve the use of complex math, they don’t tell us the reasons they arrived at those decisions. [XAI](#) helps to explain the how and why behind those decisions. The team from Cal State Long Beach used this advanced technology to assess groundwater contamination risks from rising seas that could potentially impact half a million Californians by the end of the century. Rising oceans push groundwater closer to the surface, where it can mix with pollutants from old factories, landfills, and sewage plants, contaminating the water. ... ” [Continue reading from The Cool Down](#).

ACWA-supported WIPPEs Act advances in congress with bipartisan support

“The U.S. House of Representatives during the last week of June passed the Wastewater Pollution Prevention and Environmental Safety (WIPPEs) Act , a bipartisan, bicameral, and ACWA-supported legislation. This legislation would require wipe manufacturers to clearly label their products as non-flushable to protect wastewater systems from pollution and structural

damage, which can cost millions of dollars to repair critical infrastructure nationwide. The legislation passed by a unanimous voice vote, indicating broad support in the chamber. The WIPPEs Act was introduced in March by U.S. Representatives Jared Huffman (D-CA-02), Kevin Mullin (D-CA-15), Lisa McClain (R-MI-10) and Tom Kean (R-NJ-07). Next, the WIPPEs Act will be taken up in the U.S. Senate, where ACWA will continue to advocate for the bill's swift passage. ... ” [Read more from ACWA News.](#)

WATER IS A MANY SPLENDOR'ED THING PODCAST: Watershed Choices



The top of the watershed, in any area, is our regulator for natural processes that distribute precipitation of the seasons through the ecosystem. The bottom of the watershed is the collection for all debris and chemicals carried by the water that flows to its lowest point. In California, water conveyance systems provide critically important value to the state but with the benefits come shortcomings that have become today's challenges. Water is a Many Splendor 'ed Thing and Conversations brings you another water relationship that has a personally significant impact to your life. Produced by Stephen Baker, Bringing People Together to Solve Water Problems, water@operationunite.co 530-205-6388

Audio Player

RIPPLE EFFECT: “Project Photosynthesis”: Carbon Capture Biochar Pilot Program

David Gory, Co-Founder and CEO of Airbuild, joins us to discuss Airbuild's incredibly innovative and exciting “Project Photosynthesis” pilot project in Green River, Utah. Through the power of algae, Project Photosynthesis creates multiple environmental benefits: 1) it cleans river water by removing nutrient loads, e-coli, and other pollutants; 2) it is a carbon-capture project that removes carbon dioxide from the atmosphere through algal photosynthesis and pyrolyzed biomass; 3) it produces biochar which can be used in a number of ways such as an organic fertilizer and “mulch” to promote soil moisture or as a replacement for limestone in concrete; 4) it also incorporates and repurposes local organic waste providing a service to local municipalities

and agricultural producers; and several more bells and whistles. The excitement around this project is palpable – can't wait to see where it goes!

Klamath River restoration revives historic fish habitats

“The removal of four dams from the Klamath River last summer has reopened over 400 miles of historical habitat for migratory salmon, steelhead trout, Pacific lamprey, and other native fish. This significant restoration effort has been a long-standing goal for tribal communities, anglers, and regional conservation organizations. The Klamath River, stretching approximately 263 miles, was once home to the third-largest salmon population in the Western United States. However, the construction of the four dams and the resulting habitat loss led to a dramatic decline in salmon populations. In 2016, the Klamath Hydroelectric Settlement Agreement (KHSa) was reached, outlining the removal of the dams, with demolition scheduled to commence in 2023. ...” [Read more from KRCR.](#)

Reclamation launches live Shasta Dam cam in celebration of 80th anniversary



“The Bureau of Reclamation is excited to announce the launch of the new Shasta Dam Cam, a live-streaming public webcam offering real-time views of Shasta Dam, the surrounding reservoir and Mount Shasta. The camera is now broadcasting from the Shasta Dam Visitor Center and is available for public viewing online at <https://www.usbr.gov/mp/ncao/>. The Shasta Dam Cam is part of Reclamation’s ongoing effort to enhance public understanding of one of California’s most important water infrastructure projects. As Shasta Dam celebrates its 80th anniversary, this new tool offers a unique opportunity for the public and media to engage with the site from anywhere. “Whether you’re a meteorologist looking to include a scenic live shot in your weather segment, a boater checking conditions on the reservoir, or just a curious visitor wanting a glimpse of Shasta Dam, the new web cam brings the experience to you,” said Elizabeth Hadley, Area Manager for Reclamation’s Northern California Area Office.”**SEE ALSO: New Shasta Dam camera live-feed offers picturesque views of the ‘Three Shasta’s’, from KRCR**

Ed note: Many water articles due to “The Maven”

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### **One of the Last Living Manhattan Project Scientists Looks Back at the Atomic Bomb Tests**

<https://getpocket.com/explore/item/one-of-the-last-living-manhattan-project-scientists-looks-back-at-the-atomic-bomb-tests>

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Four Kinds of Museum Schools (from <https://www.aam-us.org/2024/07/09/education-for-our-children/>)

Schools Using Local Museums as Classrooms

Some examples include the [New York City Museum School](#) (a magnet school in Manhattan for grades nine through twelve), [Normal Park Museum Magnet School](#) (a magnet school in Chattanooga, Tennessee, for kindergarten through eighth grade), and [The Museum School of Avondale Estates](#) (a public charter school in Decatur, Georgia, for kindergarten through eighth grade). These schools build their curricula around “learning expeditions,” using their local museums as extensions of classroom learning, enabling students (either as a full grade level or a single class) to structure learning around in-depth interactions with exhibits and artifacts.

Schools Creating Museums

The [John Early Museum Magnet Middle School](#) (a magnet school in Nashville, Tennessee, for grades five through eight) and The Webb Schools (a private school in Claremont, California, for grades nine through twelve) have created full-fledged museums that engage students in the process of creating exhibits, curating collections, and conducting research. The Webb Schools’ [Raymond M. Alf Museum of Paleontology](#) is accredited by the American Alliance of Museums.

Schools Hosted on Museum Campuses

The [Manchester Academic Charter School](#) middle school is sited on the campus of the Pittsburgh Children’s Museum and makes extensive use of its Museum Lab. The [Dr. Charles R. Drew Science Magnet Museum Site](#) houses grades three through eight at the Buffalo Museum of Science. The [Lincoln Nursery School](#) is integrated into the deCordova Sculpture Park and Museum, and the [Wonder School](#) preschool collaboration uses the Columbus Museum of Art as one of its campuses.

Museums Creating or Co-Creating a School

At the [Grand Rapids Public Museum High School](#) (GRPMHS), students work with staff of the Grand Rapids Public Museum to catalog and research collections and curate exhibits while using the museum exhibits for place-based learning. GRPMHS, which was one of ten schools internationally to receive the XQ Super School grant in 2016, is an ongoing collaboration between the Grand Rapids Public Museum, Grand Rapids Public Schools, Kendall College of Art and Design of Ferris State University, Grand Valley State University, the City of Grand Rapids, Downtown Grand Rapids, Inc., [XQ Super School](#), and the Parent Teacher Community Council.

[The Henry Ford Academy](#) is a public, tuition-free charter high school hosted by **The Henry Ford**. Founded in 1997 and developed in partnership with The Henry Ford and the Ford Motor Co., it serves five hundred students grades 9-12 split between The Henry Ford’s **Museum of American Innovation** and historic [Greenfield Village](#).

For a map identifying museum schools across the US, visit the website of the [National Association of Museum Schools](#).

Critical Questions for Museums

- Working with traditional schools (public and private), how might museums help create better educational experiences for all students?
- How can museums provide alternative educational pathways for learners who aren't well served by the current system, including homeschooled students?
- How can museums capitalize on their expertise in fostering twenty-first century skills like critical thinking, problem-solving, synthesis, innovation, creativity, teamwork, and collaboration?
- How can museums ensure they are recognized, valued, and supported for the essential roles they play in education?

A Framework for Action

To embed themselves in the educational infrastructure of their communities, museums may want to:

- Invest in their capacity to work with schools: for example, by dedicating one or more full-time staff positions to developing and sustaining museum-school partnerships.
- Develop resources that help educators, parents, and students integrate museum assets into school curricula (with particular attention to research documenting [what educators want from digital museum resources](#)).
- Build learning networks that connect diverse educational nodes: museums, libraries, after-school programs, and schools. These learning organizations can work together to reinforce each other's efforts, meet the needs of all learners, and provide formal credit for learning that occurs across the community.
- Double down on digital. Museums can help bridge the digital divide in education by providing internet access and teaching digital skills as well as enriching education with their own digital learning materials and experiences.
- Create permanent "learning labs" to serve diverse learners, including public school, charter school, or homeschool students needing internet access, equipment, quiet, and mentoring to support successful online learning, as well as home-based learners looking for classroom space.
- Consider joining the growing number of "museum schools," whether by offering a home for an independent school in museum space, helping a school create its own student-run museum, or starting their own schools run by museum staff.

Additional Resources

- [Shaping the Future of American Public Education: What's Next for Changemakers?](#), Katie King and Katherine Prince (KnowledgeWorks Foundation, 2018). This paper presents four scenarios of educational changemaking to explore how and why education changemakers might influence American public education over the next decade.
- [Building the Future of Education: Museums and the Learning Ecosystem](#) (American Alliance of Museums, 2014). This white paper summarizes the content and ideas coming out of a 2013 assembly of over four dozen educational policy experts, practitioners, funders, education innovators, reformers, student activists, and others shaping the conversation about US education, convened by the American Alliance of Museums and hosted by the National Building Museum.

Scholarships with August 1-25 Deadlines

ACHE Alabama Math and Science Teacher Education Program	\$7,500	August 01, 2025
Arizona Nurses Foundation Academic Nursing Scholarships	\$2,500	August 01, 2025
Breaking Barriers Scholarship - Denver Metro	\$1,500	August 01, 2025
Brigham Young University Russell M. Nelson Scholarship	\$292,320	August 01, 2025
Brigham Young University Sterling Scholarship	\$500	August 01, 2025
Children's Heart Foundation Scholarship	\$10,000	August 01, 2025
Downer-Bennett Scholarship	\$3,000	August 01, 2025
Early Childhood Educators Scholarship Program	\$13,500	August 01, 2025
Eastern New Mexico University Freshman Academic Scholarship	\$21,600	August 01, 2025
Felbry College of Nursing Scholarship	\$30,000	August 01, 2025
Fresno Pacific University Mennonite Brethren Scholarship	\$16,000	August 01, 2025
Fresno State Balanced Man Scholarship	\$1,000	August 01, 2025
Hawaii Pacific University Esports Scholarship	\$24,000	August 01, 2025
HWA Scholarships	\$2,500	August 01, 2025
MBTA Educational Foundation Scholarships	\$2,000	August 01, 2025
Morehead State University Graduate Assistantship Program	\$10,000	August 01, 2025
Mosaic Ministries Scholarship	\$52,800	August 01, 2025
National Federation of the Blind Scholarship - Texas	\$3,000	August 01, 2025
Oregon Chafee Education and Training Grant	\$5,000	August 01, 2025
Patsy Takemoto Mink Foundation Scholarship	\$5,000	August 01, 2025
Pennsylvania State Grant Program	\$2,400	August 01, 2025
South Carolina Tuition Grants Program	\$5,000	August 01, 2025
TEDS Dean's Scholarship	\$42,240	August 01, 2025
TEDS Faithful Future Scholarship	\$9,000	August 01, 2025
TEDS International Impact Scholarship	\$31,680	August 01, 2025
TEDS Leadership Legacy Scholarship	\$42,240	August 01, 2025
The Mahoney Family Foundation Scholarship	\$5,000	August 01, 2025
TYLENOL Future Care Scholarship	\$10,000	August 01, 2025
Vividly CPG Scholarship	\$5,000	August 01, 2025
WSEMA Scholarship Program	\$2,250	August 01, 2025

SigEp Western Carolina University Balanced Man Scholarship	\$2,000	August 02, 2025
Students for Healthcare Equity Scholarship	\$20,000	August 02, 2025
We Art Scholarship	\$1,000	August 02, 2025
USRA Distinguished Undergraduate Awards	\$5,000	August 07, 2025
Florida Stormwater Association Scholarship Award	\$2,000	August 08, 2025
GAEP Environmental Scholarship	\$1,000	August 08, 2025
University of South Carolina- Upstate Scholars Program	\$40,000	August 10, 2025
Nancy Hall Memorial Scholarship	\$1,000	August 14, 2025
Texas Tech Balanced Man Scholarship	\$1,000	August 14, 2025
AKA-EAF Financial Need Graduate Scholarship	\$500	August 15, 2025
Calvin L. Carrithers Aviation Scholarship	\$1,000	August 15, 2025
Chris Goughnour Scholarship	\$2,000	August 15, 2025
DC Tuition Assistance Grant (DCTAG)	\$10,000	August 15, 2025
GMiS California Medical Scholarships	\$3,000	August 15, 2025
Hospitality Education Scholarship	\$2,000	August 15, 2025
Knowles Teaching Fellows Program	\$150,000	August 15, 2025
Lilly Endowment Community Scholarship Program	Full-Tuition	August 15, 2025
Pierce Butler Scholarship	\$500	August 15, 2025
Santa Rosa Ninety-Nines Aviation Scholarship	\$5,000	August 15, 2025
WMU Kalamazoo Promise Scholarship	Full-Tuition	August 15, 2025
Metro Youth Football Association Scholarships	\$1,500	August 16, 2025
Northern Kentucky University Balanced Man Scholarship	\$1,500	August 17, 2025
Balanced Man Scholarship - North Carolina State University	\$500	August 19, 2025
Balanced Man Scholarship - Georgia Institute of Technology	\$4,000	August 20, 2025
Essay and Art Contest on Civil and Human Rights	\$1,000	August 20, 2025
UNCF Montgomery County Scholarship	\$2,000	August 22, 2025
GCC Foundation Scholarship	\$2,000	August 23, 2025
Pacific Islands University President's Grant	\$4,000	August 23, 2025
Kimpact Charitable Foundation Grants	\$3,000	August 24, 2025
Phillips Community College Scholarships	Full-Tuition	August 25, 2025
Sigma Phi Epsilon Balanced Man Scholarship- University of Memphis	\$800	August 25, 2025