

Journal #5374 frim sdc 1.13.23

T-Rex Cactus

Lakes Mead and Powell are the epicenter of the biggest Western drought

Traditional Gathering Methods of the Eastern Band of Cherokee

Decoding Ancient Archeology

Plan Ahead Calendar

Scientists Warn Mexico's Mayan Train Critically Threatens Ancient, Pristine Areas

Return of Yellowstone Grizzly

Think Pieces

Mystery of why Roman buildings have survived so long has been unraveled, scientists say

Holy grail' wheat gene discovery could feed our overheated world

Regenerative agriculture

Social Security Creates Office to Focus on Tribal Outreach

How the Myth of the American Frontier Got Its Start

Where the Bison Could Roam

Alternative Xmas Message Created by Artificial Intelligence

Two Grants Management positions open at HUD

Salish canoe carving house in the heart of Seattle

Science Lab at UNR for middle/high school students

Fears US Supreme Court Could Radically Reshape Clean Water Rules

England Will Ban Single-Use Plastic Plates and Cutlery for Environmental Reasons

Cherokee Kitchen Episode 9 - How to Prepare Bear Meat

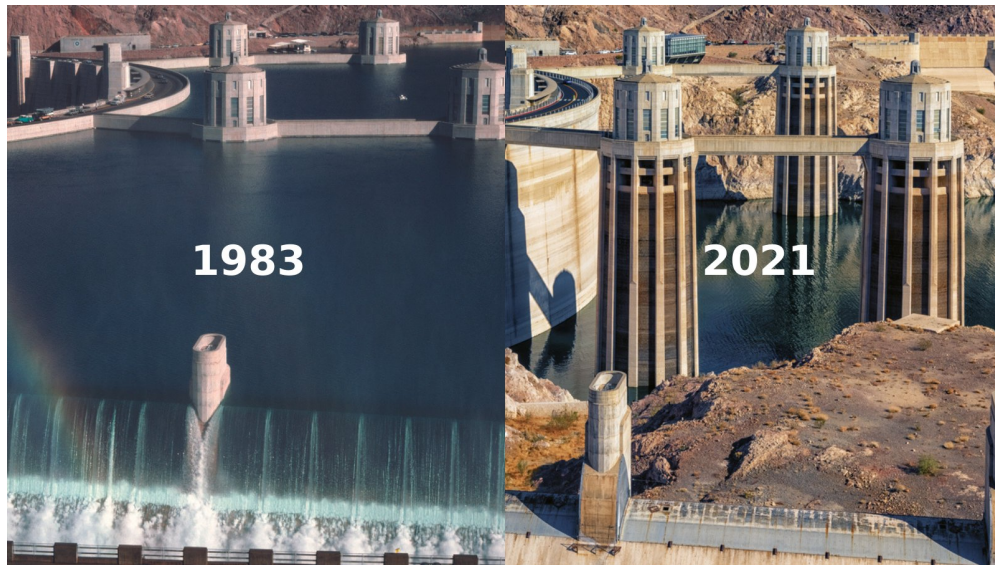
Hiring! Join the EPA's Office of Environmental Justice and External Civil Rights!

National Environmental Justice Community Engagement Call: January 24, 2023

Nevada Residents Online Zoom Focus Group Wednesday, January 25th 2023 - \$225



[David Attenborough Fans](#) [Meet the T-Rex cactus in the desert of Arizona, USA.](#)



<https://www.lasvegasnevada.gov/News/Blog/Detail/lake-mead-water-shortage>
(suggested reading)

Additionally:



<https://www.lasvegasnevada.gov/News/Blog/Detail/colorado-river-compact-agreement>

Webinar: Traditional Gathering Methods of the Eastern Band of Cherokee Indians

[1 year ago](#)
[youtube.com](#)

Decoding Ancient Archeology

Sumerians Looked to the Heavens as They Invented the System of Time... And We Still Use it Today. One might find it curious that we divide the hours into 60 minutes and the days into 24 hours - why not a multiple of 10 or 12? Put quite simply, the answer is because the inventors of time did not operate on a decimal (base-10) or duodecimal (base-12) system but a sexagesimal (base-60) system. For the ancient Sumerian innovators who first divided the movements of the heavens into countable intervals, 60 was the perfect number. The number 60 can be divided by 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, and 30 equal parts. Moreover, ancient astronomers believed there were 360 days in a year, a number which 60 fits neatly into six times. The Sumerian Empire did not last. However, for more than 5,000 years the world has remained committed to their

delineation of time

[#Decoding Ancient Archeology](#)

Plan Ahead Calendar



PITU RESTORATION HANDGAME TOURNAMENT 2023

FRIDAY, JUNE 16TH
OPEN GAMES

SATURDAY, JUNE 17TH - MAIN TOURNAMENT

- 1st: \$10,000 + JACKETS
- 2nd: \$8,000 + BAGS
- 3rd: \$5,000
- Consolation: \$125

REGISTRATION OPENS JUNE 17TH, 9 - 11:30AM
ENTRY FEE: \$125 PER TEAM (2-5 PLAYERS PER TEAM)
TRUE DOUBLE ELIMINATION
TOURNAMENT STARTS AT 12PM (MST)
NO KICK STICK • NO THUMBPOINTING

SUNDAY, JUNE 18TH - THREE MAN
THREE MAN TOURNAMENT

OPEN GAMES ALL WEEKEND
BRING YOUR OWN CHAIR
CAMPING IS AVAILABLE
NO DRUGS OR ALCOHOL

FOR MORE INFORMATION CONTACT:
TINA GONZALES (435)231-0188
THE TRIBE/COMMITTEE IS NOT RESPONSIBLE FOR ANY
ACCIDENTS, SHORT FUNDED TRAVELERS AND DIVORCE

SPONSORED BY THE SHIVWITS BAND,
HELD IN CONJUNCTION WITH THE PAIUTE INDIAN
TRIBE OF UTAH RESTORATION POW WOW 2023
440 N PAIUTE DRIVE CEDAR CITY, UTAH

Save the Date

LEGENDS CASINO HOTEL
POW WOW
AND
STICK GAME TOURNAMENT
MAY 19-21
2023
LEGENDS
CASINO • HOTEL

VENDOR APPLICATION: AVAILABLE MARCH 1, 2023 ON WEBSITE
HOTEL RESERVATIONS: AVAILABLE MARCH 15, 2023 BY CALLING

580 FORT ROAD • TOPPENISH, WA • LEGENDSCASINO.COM • 509.865.8800

Mexico's Mayan Train Critically Threatens Ancient, Pristine Areas, Scientists Warn

Reuters

Excerpt: "Parts of Mexico's remote southern jungles have barely changed since the time of the ancient Maya."

[READ MORE](#)

[Return of the Yellowstone Grizzly Bear](#)

[5 years ago](#)
[youtube.com](#)

"Historians are limited by the archives, and by ourselves. Biographers study documents to tell the story of a person's life, using clothes and accessories to add color to their accounts. But what if we're missing something obvious because we don't know what to look for?"

Alexis Coe

[https://www.smithsonianmag.com/history/martha-washington-life-elusive-historians-180976983/?](https://www.smithsonianmag.com/history/martha-washington-life-elusive-historians-180976983/?utm_medium=email&utm_source=smithsoniandaily&utm_campaign=editorial&utm_content=ti&spMailingID=47841342&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2380706964&spReportId=MjM4MDcwNjk2NAS2)

[utm_medium=email&utm_source=smithsoniandaily&utm_campaign=editorial&utm_content=ti&spMailingID=47841342&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2380706964&spReportId=MjM4MDcwNjk2NAS2](https://www.smithsonianmag.com/history/martha-washington-life-elusive-historians-180976983/?utm_medium=email&utm_source=smithsoniandaily&utm_campaign=editorial&utm_content=ti&spMailingID=47841342&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2380706964&spReportId=MjM4MDcwNjk2NAS2)

Think pieces:

[Why a Thriving Civilization in Malta Collapsed 4,000 Years Ago](#)

[Malta's lost civilisation only lasted 1,500 years but it produced some of the oldest buildings still standing today.](#) nautil.us

- [The Secret History of the Supernova at the Bottom of the Sea](#)
- [Is the Modern Mass Extinction Overrated?](#)
- [Why the Earth Has Fewer Species Than We Think](#)

Mystery of why Roman buildings have survived so long has been unraveled, scientists say

The majestic structures of ancient Rome have survived for millennia — a testament to the ingenuity of Roman engineers, who perfected the use of concrete.

Read in CNN: <https://apple.news/AGd57ybAARP-bHr0d0aNB1g>

[Holy grail' wheat gene discovery could feed our overheated world](#)

<https://www.theguardian.com/environment/2023/jan/07/holy-grail-wheat-gene-discovery-could-feed-our-overheated-world>

[Regenerative agriculture](#) From Wikipedia, the free encyclopedia

Regenerative agriculture is not a specific practice itself. Rather, proponents of regenerative agriculture use a variety of [sustainable agriculture](#) techniques in combination.^[4] Practices include recycling as much farm waste as possible and adding [composted](#) material from sources outside the farm.^{[5][6][7][8]} Regenerative agriculture on small farms and gardens is often based on philosophies like [permaculture](#), [agroecology](#), [agroforestry](#), [restoration ecology](#), [keyline design](#), and [holistic management](#). Large farms are also increasingly adopting such techniques, and often use "[no-till](#)" and/or "reduced till" practices.

As [soil health](#) improves, input requirements may decrease, and crop yields may increase as soils are more resilient against [extreme weather](#) and harbor fewer pests and [pathogens](#).^[9]

Most plans to mitigate climate change focus on "reducing greenhouse gas emissions."

Regenerative agriculture, i.e. the capture of atmospheric carbon dioxide by growing plants that move that carbon dioxide into the soil, is pretty nearly the only currently-functioning technology available for drawing down greenhouse gases that are already in the atmosphere, mostly through the cultivation and nurturing of forests and permanent perennial pastures and grasslands.

For more: https://en.wikipedia.org/wiki/Regenerative_agriculture

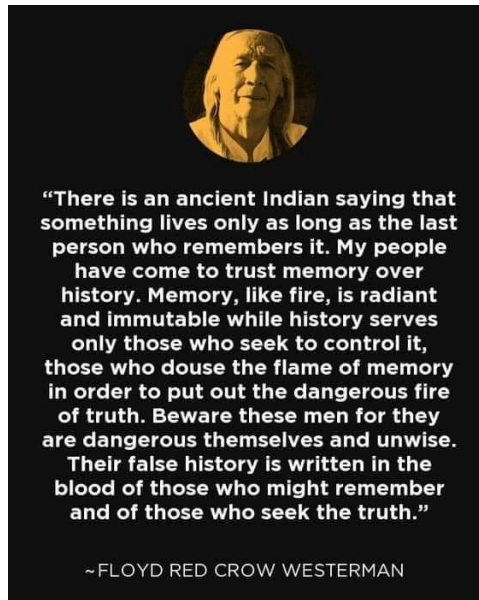
<https://careers.nv.gov/job/CARSON-CITY-HEALTH-PROGRAM-SPECIALIST-1-NEVA-89703/969529900/>

Stacey Montooth, Nevada Indian Commission Executive Director 775/291-2665



aarp.org

Social Security Creates Office to Focus on Tribal Outreach
Initiative aims to ‘elevate’ delivery of benefits, services to Native American communities



How the Myth of the American Frontier Got Its Start

Frederick Jackson Turner's thesis informed decades of scholarship and culture. Then he realized he was wrong.

https://www.smithsonianmag.com/history/how-myth-american-frontier-got-start-180981310/?utm_source=smithsonian-daily&utm_medium=email&utm_campaign=20230106-daily&spMailingID=47841342&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2380706964&spReportId=MjM4MDcwNjk2NAS2

"We breathe air exhaled from trees whose leaves are made from starlight... Our veins echo the patterns of rivers, branches and root systems. We are not a part of nature. We are nature.
— Marysia Miernowska

Where the Bison Could Roam

Jim Robbins, The New York Times

Robbins writes: "Bison once numbered in the tens of millions in the United States. Now, a nonprofit is working to restore the shortgrass prairie, where the American icons and their ecosystem can thrive again."

[READ MORE](#)

[Chris Stearns](#) is with [Dow Constantine](#) and



It's so great to see an amazing idea come to life: the **Salish canoe carving house in the heart of Seattle**. Thank you to [United Indians of All Tribes Foundation](#) for hosting the blessing and fighting for this dream.



[Channel 4](#) posted a video to playlist [Altogether Different](#).

Everyone, meet the future!

This year's Alternative Christmas Message was written using Artificial Intelligence and delivered by one of the world's most advanced humanoid robots, Ameca. 0:35 / 3:43

Please see the exciting job announcements below and share widely with your colleagues in Indian Country. Respectfully, HUD/SWONAP

Supervisory Grants Management Specialists, GS-1101-14, Phoenix, AZ & Albuquerque, NM 2 vacancies **Application Deadline: 1/23/23**

23-HUD-574(Merit Protected- Internal applicants)

<https://www.usajobs.gov/job/699156400>

23-HUD-575-P (DEU- Public applicants)

<https://www.usajobs.gov/job/699156500>

[Conserving and Protecting 'Āina Along the Ka'ū Coast](#)
[7 months ago](#)
[youtube.com](#)

[KOLO 8 News Now](#)



[kolotv.com](#)

[Science labs at UNR for middle and high school students](#)
[The engineering lab will be offered Feb. 11, March 11 and April 15 at the William Pennington Engineering Building on the UNR campus.](#)

Fears US Supreme Court Could Radically Reshape Clean Water Rules

Oliver Milman, Guardian UK

Milman writes: "A 15-year legal tussle over a tiny plot of land near a lake in northern Idaho could culminate in the US supreme court drastically reshaping clean water laws across the country, with a decision by the conservative-dominated court now looming."

[READ MORE](#)

England Will Ban Single-Use Plastic Plates and Cutlery for Environmental Reasons

Rachel Treisman, NPR

Treisman writes: "The British government is poised to ban certain single-use plastic products, a long-awaited step towards reducing pollution that environmentalists hope will be just one of many."

[READ MORE](#)

`Cherokee Kitchen Episode 9 - How To Prepare Bear Meat

[3 years ago](#)

[youtube.com](#)

Hiring! Join the EPA's Office of Environmental Justice and External Civil Rights!

We are hiring multiple positions for the EPA's Office of Environmental Justice and External Civil Rights (OEJECR) under two different announcements.

Announcement for Program Specialist

If selected, you will:

- Plan, organize, and execute assignments to maintain, improve, or create systems and programs related to EPA's environmental justice and external civil rights compliance priorities;
- Advise the Assistant Administrator (AA), Principal Deputy Associate Administrator (PDAA), Deputy Associate Administrators (DAAs), and other OEJEER senior leadership on environmental justice and external civil rights policies and programs;
- Manage the operations of the OEJEER Immediate Office related to finalizing all programmatic actions requiring the AA's and PDAA's attention or approval;
- Liaise and collaborate with internal and external partners to facilitate review of draft legislation, testimony, and responses to Congressional inquiries.

This announcement closes **January 17, 2023**. For more information and to apply, please visit: <https://www.usajobs.gov/job/699413400>.

Announcement for Environmental Protection Specialist (Stakeholder Coalition Coordinator)

Each of the positions will focus on a different area relative to stakeholder engagement to advance environmental justice and external civil rights. You would, among other things:

- Analyze and research regulations, programs, and policies related to environmental justice (EJ) and external civil rights (ECR) to recommend strategies that will influence policies and practices at the federal, state, and local government levels;
- Deliver technical assistance, training, and tools to a diverse audience of internal and external stakeholders in the application of EJ or ECR policies, programs, and practices aimed at improving health and environmental outcomes;
- Facilitate teamwork and information-sharing among internal and external partners to support the adoption of strategies, policies, and investments that produce better environmental, public health, and economic development outcomes for communities;
- Develop and review outreach materials and communication plans to institutionalize and publicize EJ and ECR activities.

This announcement closes **January 20, 2023**. For more information and to apply, please visit: <https://www.usajobs.gov/job/699411500>

Learn more about OEJEER: <https://www.epa.gov/aboutepa/about-office-environmental-justice-and-external-civil-rights>.

Biden-Harris Administration Announces Availability of \$100 Million through Inflation Reduction Act for Environmental Justice Grants

Historic grant funding for environmental justice will support projects in communities overburdened by pollution and historic underinvestment.

Today, the U.S. Environmental Protection Agency (EPA) announced the availability of approximately \$100 million for projects that advance environmental justice in underserved and overburdened communities across the country. This funding, made possible through President Biden's Inflation Reduction Act, marks the largest amount of environmental justice grant funding ever offered by the Agency. EPA has published two Requests for Applications for this funding through the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative

Agreement Program and the Environmental Justice Government-to-Government (EJG2G) Program.

“Since day one, President Biden pledged to prioritize environmental justice and equity for all, and EPA is at the heart of delivering on that mission,” **said EPA Administrator Michael S. Regan**. “Last year, we announced EPA’s first-ever national program office dedicated to advancing environmental justice, memorializing our commitment to this critical work. I couldn’t be prouder to now be announcing an unprecedented level of funding thanks to President Biden’s Inflation Reduction Act for community-based solutions that support underserved and overburdened communities. This is a key step that will help build strong partnerships with communities across the country and move us closer to realizing a more just and equitable future for all.”

These grant programs further the goals of President Biden’s Justice40 Initiative and Executive Order, *Tackling the Climate Crisis at Home and Abroad*, which directed that 40% of the overall benefits of certain Federal investments flow to overburdened communities that face disproportionately high and adverse health and environmental impacts.

“Today, historic environmental justice funding I fought to secure in the Inflation Reduction Act is being made available,” **said U.S. Senate Majority Leader Charles E. Schumer**. “This call for applications ensures money can flow directly to communities that need it most by splitting the funding between community based non-profits as well as the states, localities, tribes, and territories that usually receive federal grants. Helping these non-profits who know their communities better than anyone was central to my mission when fighting for environmental justice priorities in the Inflation Reduction Act and this is only the beginning. I will continue to fight for environmental justice and working with communities across New York to get this money where it is needed most.”

“Every American deserves access to clean air and water—no matter their zip code, the color of their skin or the size of their paycheck,” **said Senator Tammy Duckworth**. “That’s why, as co-founder of the Senate’s Environmental Justice Caucus, I’m proud to announce today’s grant funding, which will help deliver results for environmental justice communities that have been ignored for too long. Access to clean air and clean water isn’t ‘only’ an environmental issue—it’s a matter of health and safety, systemic racism and persistent discrimination against those in low-income communities. I’m hopeful that today, we’re making important advances toward ending this crisis.”

“I’m grateful for the Biden administration’s commitment to ensuring those disproportionately impacted by pollution and climate change are given the opportunity to have a healthier, more equitable future,” **said Congressman Raúl Grijalva (AZ-07)**. “The grants announced today and other investments from the Inflation Reduction Act will advance environmental justice in underrepresented communities and help ensure every person has access to pure air, clean water and an environment that allows them to thrive. In Congress, we will continue our legislative efforts to provide greater public health protections for vulnerable communities, strengthen the Civil Rights Act and improve federal agencies’ environmental justice work.”

“I’ve learned over the last two decades of working on environmental justice at the community-level how the proper support and funding can turn good ideas and hard work into something truly impactful,” **said Catherine Coleman Flowers, Founding Director of the Center for**

Rural Enterprise and Environmental Justice. "I'm confident that this historic investment from the EPA and Biden Administration is going to yield some incredible solutions to the crisis of environmental injustice, especially in Rural communities that are under-resourced and overburdened."

The Environmental Justice Collaborative Problem-Solving Program (EJCPS) Cooperative Agreement Program

The EJCPS Program will provide an estimated \$30 million in funding directly to community-based nonprofit organizations (and partnerships of these organizations), with \$5 million reserved for small community-based nonprofit organizations with five or fewer full-time employees. In total, the Agency anticipates funding approximately 50 awards of \$500,000 and 30 awards of \$150,000.

EPA's EJCPS Cooperative Agreement Program provides financial assistance to eligible organizations working on or planning to work on projects to address local environmental and/or public health issues in their communities. The program assists recipients in building collaborative partnerships with other stakeholders (e.g., local businesses and industry, local government, medical service providers, academia, etc.) to develop solutions that will significantly address environmental and/or public health issues at the local level.

The Environmental Justice Government-to-Government (EJG2G) Program

The EJG2G Program (formerly known as the State Environmental Justice Cooperative Agreement program) will provide an estimated \$70 million in funding. Of this, \$20 million will be for State governments to be used in conjunction with Community-Based Organization (CBO) partners, \$20 million will be for local government with CBO partners, **\$20 million will be for Federally Recognized Tribal Nations with CBO partners, and \$10 million will be for U.S. territories and remote tribes with limited access to CBO partners.** In total the Agency anticipates funding approximately 70 projects of up to \$1 million each for a 3-year project.

The EJG2G Program works to support and/or create model state activities that lead to measurable environmental or public health results in communities disproportionately burdened by environmental harms and risks. These models should leverage or utilize existing resources or assets of state agencies to develop key tools and processes that integrate environmental justice considerations into state governments and government programs.

Under both EJCPS and EJG2G programs, EPA will be giving special consideration to the following focus areas:

- Projects addressing climate change, disaster resiliency, and/or emergency preparedness
- Projects located in and/or benefitting rural areas
- Projects conducting [Health Impact Assessments \(HIA\)](#)

Applicants interested must submit proposal packages on or before **April 10, 2023**, to be considered for the available funding. Applicants should plan for projects to begin on October 1, 2023.

This funding builds on additional funding from the American Rescue Plan. In December 2021, EPA selected 154 organizations to receive a total of approximately \$18.4 million in environmental justice grant funding.

EPA is planning to announce an additional environmental justice grant competition, making extensive use of IRA resources, in early 2023 to establish a network of grant-makers across the United States to facilitate awarding assessment, planning, and project development grants to communities and their partners.

Pre-application Assistance Webinars

EPA will host pre-application assistance webinars to answer prospective applicant questions about the EJ grant process.

To attend the first webinar on January 24, 2023 focused on EJCPs, [register here](#).

To attend the second webinar on January 26, 2023 focused on EJG2G, [register here](#).

[Learn more information about environmental justice grant funding.](#)

[Learn more information about the Inflation Reduction Act.](#)

Even if you are unable to attend, do click on "register" and the following sites for a body of info.

Nevada Residents Online Zoom Focus Group Wednesday, January 25th 2023 - \$225

Nevada residents living in: Carson City or Churchill, Douglas, Elko, Eureka, Humboldt, Lander, Lyon, Mineral, Pershing, Storey, Washoe, & White Pine counties are needed for a 6-hour focus group being held online over Zoom on Wednesday, January 25th 2023. The Group time is 9am to 3pm . The thank you is a \$225 Online Visa Reward Card that is emailed the following day or you can request a check be mailed to you.

[https://docs.google.com/forms/d/e/](https://docs.google.com/forms/d/e/1FAIpQLSd1bAyVCacU26a3GevL2YcPpHQ69vUNhRCJPnuQOWmcqK1KCQ/viewform)

[1FAIpQLSd1bAyVCacU26a3GevL2YcPpHQ69vUNhRCJPnuQOWmcqK1KCQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLSd1bAyVCacU26a3GevL2YcPpHQ69vUNhRCJPnuQOWmcqK1KCQ/viewform)



NatureQ

Searching for some on-trend mustache inspiration? Look no further than the Inca tern! This bird's distinctive stache is actually made of modified feathers. The length of the feathers is an indicator of a bird's overall health – healthy terns have more robust mustaches. Native to the rocky Pacific coast of South America, you can spot Inca terns soaring over the cliffs and pools of our Sea Bird Aviary.