

Journal #4440 from sdc 6.17.19

Watch "Protect Yucca Mountain" on You Tube

Origins of Women's Jingle Dress Dancing

Join Google in Nevada

Rosalie Fish Runs for MMIW

Which Future Will You Vote For?

What Might We Learn from the Anasazi?

Celebrate Dia de San Juan

University Libraries featured in 2019 C-SPAN Cities Tour

AVAILABLE NOW ON KNPB STREAMING

A Fight Between Humboldt Stakeholders Over the Klamath Dams

OPINION: To save Klamath River salmon, shut down the hatcheries

Farmers Need New Water Rule, Farm Bureau Tells Senate By AG NET West, 6/12/19

Obama Water Regulations Criticized as Senate Backs Rule Change

EPA Seeking Candidates for Annual Membership of The Science Advisory Board

More Graduates

A Father's Day Gift For Myself: Activism

Watch "Protect Yucca Mountain" on YouTube <https://youtu.be/K51wgzS-xj0>



Goggle Doodle for June 15

[Origins of Women's Jingle Dress Dancing - IndianCountryToday.com](https://newsraven.io/.../origins-of-women-s-jingle-dress-dancing-g3WkMh6AmECy...)

<https://newsraven.io/.../origins-of-women-s-jingle-dress-dancing-g3WkMh6AmECy...>

There are few pow wow dances as ebullient, or as symphonic, as the *Jingle Dress Dance*, especially when there are multiple female dancers moving together.

Join Google in Nevada

Registration

Hello Nevada! Join us in person for free training and coaching at your local library.

[Register Now](#)

Grow with Google is bringing free digital skills workshops and one-on-one coaching to Nevada. We're teaming up with local libraries across the state to offer these trainings so that Nevadans have the opportunity to learn digital skills to grow their careers or businesses.

Check out the cities we're visiting and sign up for one of our events.

If you can't make it, don't worry, all of our free tools and resources are available at google.com/grow. If you're a non profit organization, we also invite you to join our Grow with Google Partner Program at grow.google/partners.

When/Where

Las Vegas: Monday, June 17 | 10:30 AM - 5:30 PM [East Las Vegas Library](#)
2851 East Bonanza Road Las Vegas, NV 89101

Carson City: Wednesday, June 19 | 10:30 AM - 5:30 PM [Carson City Library](#)
900 North Roop Street Carson City, NV 89701

Workshops

Join us at your local library to learn new digital skills that can help you grow your business or your career. We'll work through a variety of topics, including how to get your business found on Google Search and Maps and how to use G Suite tools.



Rosalie Fish Runs for MMIW

"This weekend was really not like anything I've ever done or ever felt before," she said after her last race.

"It's the first time I ran for anyone other than myself. ... This is the first time I've ever made a scene and not been apologetic." -Rosalie Fish

[Read More](#)

Which Future Will You Vote For?

By Wilford H. Welch

Author, In Our Hands www.WilfordWelch.com/blog



Global warming and climate change are coming at us faster and with more destructive force than most people realize. They are heading at us like a freight train while we play on the tracks, distracted by our daily wants and needs.

The good news is that the climate we create is entirely in our own hands. We are not victims. We have choice. We have all the technological solutions we need to slow down the train and limit the damage. It is now up to each of us to choose how this story ends. The only thing we lack is the willingness to acknowledge the crisis we are facing and the will to address it head on by transitioning off the fossil fuels based economic model that was such a powerful engine of growth in the past.

Buckminster Fuller provided us with an answer when he wrote:

You never change things by fighting the existing reality.

To change something, build a new model that makes the old model obsolete.

At its core, this new model calls for the United States to transition off fossil fuels as fast as humanly possible and replace the jobs lost in the fossil fuels and related industries with jobs in the renewable energy sector. This includes solar, wind, geothermal, biomass, tidal, hydrogen and nuclear power. If we don't get off fossil fuels and create a stable, "green" economy, we will have climate, economic and social chaos by the end of the century, the likes of which we can hardly imagine.

We must not accept the argument, which is certain to come, that our current contentious politics make it impossible to get off fossil fuels and move to "green jobs". We have seen rapid shifts in our politics, or economic priorities, and in the behavior of our citizens and businesses before. On December 8th, 1941, one day after the Japanese attacked Pearl Harbor, the United States mobilized for a war that 90% of its citizens were against entering two years before. And, four years later, we and our allies had changed the course of history. We can certainly do that again.

So, what will it take to get us to wake up and mobilize now and not wait until we have a climate catastrophe wake up call the likes of Pearl Harbor?

Our best hope now lies in who you vote for in the next U.S. elections. Ask those running for national, state, county and local office what they will do about global warming and climate change. If they suggest that they do not take the crisis seriously, tell them you will do everything in your power to keep them out of office and vote for a candidate that will. Become a political activist as if your life, and the lives of those who follow you, depended upon it – because that is in fact true.

The twin goals of shifting from fossil fuels to renewables and creating green jobs must become national and bi-partisan. The role of the politicians in Congress is to debate and decide how these national goals can most effectively be implemented.

The tipping point may occur far faster than one might expect. The people and organizations fighting against the the fossil fuel industries and their backers are finally winning the climate tug of war. Already, 21% of the U.S. population is alarmed by global warming while another 30%, (100 million Americans), say they are "concerned." With the momentum we now have, we will soon reach that "tipping point" when global warming and climate change become the main topics of conversation and action in the United States, including who one votes for.

My writings have been focused on the United States, for if we continue to drag our feet on this issue, humanity will remember us as the country that failed to act when the imminent threat of global warming and climate change was clear. History will remember the United States as the nation whose inaction at this point in our evolutionary path led to global collapse for the sake of near term political and financial gain.

Let this crisis be an opportunity not to retain what we are losing, but an opportunity to create something new and more meaningful. Few in the history of the world can say they were part of a greater quest on behalf of the human race.

- Wilford Welch is a former U.S. diplomat, author and futurist living in San Francisco Bay area. He can be reached at Wilford@WilfordWelch.Com.

~~~~~

*-This isn't the first time civilizations have faced environmental challenges.....*

**[Riddles of the Anasazi | History | Smithsonian](https://www.smithsonianmag.com/history/riddles-of-the-anasazi-85274508/)**

**<https://www.smithsonianmag.com/history/riddles-of-the-anasazi-85274508/>**

Toward the end of the 13th century, some cataclysmic event forced the *Anasazi* to flee those cliff houses and their homeland and to move south and east toward the Rio Grande and the Little Colorado River. Just *what happened* has been the greatest puzzle facing archaeologists who study the ancient culture.

**[Solving The Mystery Of Anasazi "Disappearance" - Manitou Cliff ...](#)**

<https://www.cliffdwellingmuseum.com/...anasazi/solving-the-mystery-of-anasazi-disa...>

Contemporary scientists think that life was pretty good for the Ancient Ones, especially during this second period. Why, then, did they end up abandoning their ...

**[Tracking a Vanished Civilization in the Southwest : NPR](#)**

<https://www.npr.org/templates/story/story.php?storyId=11828089>

Jul 12, 2007 - For 1000 years, the *Anasazi* Indians were lords of what's now the American ... It *happened* quickly, as if a diviner's staff had struck the ground.

**[Collapse: Chaco Canyon - Annenberg Learner](#)**

<https://www.learner.org/exhibits/collapse/chacocanyon.html>

In a web-based activity, search for clues to *what happened* at the Maya center of ... Chaco Canyon was the center of *Anasazi* civilization, its many large pueblos ...

**[Why Did the Anasazi People Disappear? - The Mystery Casebook](#)**

[www.mysterycasebook.com/2011/anasazisagan.html](http://www.mysterycasebook.com/2011/anasazisagan.html)

May 14, 2011 - The *Anasazi* built magnificent villages such as ChacoCanyon s Pueblo ... *What happened* to these unique people has been the greatest ...

**[What happened to the Anasazi? - Quora](#)**

<https://www.quora.com/What-happened-to-the-Anasazi>

Oct 8, 2014 - The *Anasazi* ( from a Navajo word meaning "ancestors of our enemies") were a highly advanced Pre-Columbian civilization stretching over ...

<https://www.smithsonianmag.com/history/riddles-of-the-anasazi-85274508/>

Toward the end of the 13th century, some cataclysmic event forced the *Anasazi* to flee those cliff houses and their homeland and to move south and east toward the Rio Grande and the Little Colorado River. Just *what happened* has been the greatest puzzle facing archaeologists who study the ancient culture.

**[Solving The Mystery Of Anasazi "Disappearance" - Manitou Cliff ...](#)**

<https://www.cliffdwellingmuseum.com/...anasazi/solving-the-mystery-of-anasazi-disa...>

Contemporary scientists think that life was pretty good for the Ancient Ones, especially during this second period. Why, then, did they end up abandoning their ...

\*\*\*\*\*

## Celebrate Dia de San Juan

The annual tradition of celebrating the onset of monsoon season in the Southwest begins with San Juan's Day or Dia de San Juan on June 24. San Juan's Day is the feast day for St. John the Baptist, the patron saint of water. The monsoons are coming and soon the life giving water from the sky will bless our parched ground. [continue reading...](#)

### Join Us:

Get your hands dirty with Executive Director Joy Hought and the NS/S staff as they kick off the monsoon season at the annual Dia de San Juan planting party. Help plant tepary beans, devils claw, and corn, thresh wheat, pull out pesky weeds and join in other aspects of maintaining the Conservation Center garden.

### Special Guests Speakers:

Moses Thompson *TUSD/UA School Gardening Coordinator*  
Gary Nabhan *Native Seeds/SEARCH co-founder*

### The Details:

**Register:** This is a free event, but space is limited, [register online today!](#)

**Location:** NS/S Conservation Center 3584 E River Rd, Tucson, AZ

**Date:** Sunday, June 23, 2019 **Time:** 6:30 AM - 9:00 AM (yes, we know it's early!)

**Wear:** Comfy clothes, shoes & sunscreen; we will be outside in the garden. Bring water.

\*\*\*\*\*

### University Libraries featured in 2019 C-SPAN Cities Tour

C-SPAN recently embarked on its 2019 C-SPAN Cities Tour. The goal of this tour is to provide C-SPAN's national audience with a look inside the unique history and non-fiction literary life of selected cities through their Book TV (C-SPAN2) and American History TV (C-SPAN3) programming. The University Libraries played a key role in connecting C-SPAN with a variety of Libraries departments and partners. Featured in the Tour are segments on Special Collections and University Archives' Book Arts Collection, as well as the Senator Paul Laxalt U.S. Senatorial Papers Collection and the Jon Bilbao Basque Library and Center for Basque Studies.

[Watch the segments included in the Tour »](#)

\*\*\*\*\*

### Nevada State Library Enters New Phase of Virtual Reality Project by [Matt Enis](#)

[Try watching this video on www.youtube.com](#)

Demonstrating a growing institutional commitment to virtual reality (VR) and augmented reality (AR), also known as extended reality (XR) technology for educational applications, the Nevada State Library, Archives and Public Records (NSL) has continued to expand its NV XR Libraries pilot program. In recent months, NSL has launched a first-in-the-nation VR cataloging project,

uploading records of library-relevant VR content to WorldCat; partnered with the University of Nevada, Reno (UNR), on a VR/AR digital preservation program; launched a training program to teach librarians to use 360° camera equipment and related production software to create new VR content; begun planning a VR job-training program that will enable patrons to explore virtual work environments such as kidney dialysis clinics; and more.

NV XR Libraries began with just \$22,000 in seed funding, a portion of the \$500,000 appropriated by the state senate in 2017 for special projects and technology at NSL. The state library has since developed partnerships with XR Libraries, which launched in 2016 as the project coordinator for Califa's California Virtual Reality Experience; interactive educational publisher Lifeliq; Nevada-based free public STEM education cloud platform Network Computing Laboratory (NCLab); and the Nevada Career Explorer job coaching platform.

A [cohort of 16 public, K–12 school, and academic libraries](#) from across the state are now involved, exploring uses for VR ranging from UNR's digital preservation efforts to supplementary coursework for high school life sciences and history classes.

“We hope to reinforce what the teachers are teaching in school,” Washoe County branch manager John Crockett explained in a recent report on the project. “If they're teaching about Roman ruins, kids can walk around the same ruins they are learning about.”

Indicating that there may be a variety of unanticipated uses for the technology, the report also explains that a speech pathologist has noted “significant progress and increased articulation” for one of his patients following weekly sessions using the Churchill County High School Library's HTC Vive VR station.

“The early adopter librarians who are involved with it have been so enthusiastic about not only bringing the technology into their library spaces, but also learning how to use it,” said Tammy Westergard, assistant administrator for library and development services for NSL and a 2016 *LJ Mover & Shaker*. “It goes from, ‘OK, we've done the professional development part—I know how to use this, I know how to set it up, I know how get content’—to ‘how do I create a library program that allows teachers to come in and experience it?’”

Participating libraries are offering what Westergard described as “general population experiences” to introduce any interested patrons to VR, “but all of these pilot libraries are also required to partner in a formal learning environment—in a school or workforce training space—and make content available in concert with a teacher...to help enrich” classes or training programs.

### **360° PRESERVATION**

Librarians at the NV XR Libraries cohort are now being trained to create VR content using 360° camera equipment, and, ultimately, to teach patrons to do the same.

This initiative has dovetailed with work that was already underway at NV XR Libraries partner UNR. In 2017, Multimedia Production Specialist for UNR Libraries Michelle Rebaleati began using 360° video equipment that the library made available for student projects to create an

interactive map of murals on buildings around Reno, and later to record a portion of the annual Burning Man festival at Black Rock.

[Try watching this video on www.youtube.com](http://www.youtube.com)

“We realized that it could be a great tool for cultural preservation,” Rebaleati told *LJ*. “And all of our projects [help us] learn, so that we can then turn around and teach” students and faculty to create their own VR content.

UNR Libraries has since launched a VR laboratory, which VR specialist Luka Starmer described as “a convening point for VR [on campus]. All of the departments—like journalism, computer science, the medical school, art history—they all have their own silos dabbling in VR. But our library has become the place for students and faculty to get their hands on it.”

Starmer noted that the utility of VR for digital preservation has already been illustrated by Rebaleati’s 2017 mural project, since “a portion of that archive has already changed. Murals have been painted over, and buildings have been knocked down. So we’re already seeing the value.”

UNR Libraries recently began exploring the use of 3-D scanning to digitally preserve culturally important objects and make them interactive and widely accessible online.

#### **AVAILABLE TO CHECK OUT**

NSL has also taken a leadership role in facilitating the discoverability of VR content, launching what the state library believes to be the first-ever VR cataloging initiative, led by cataloger and government publications librarian Kelly Robertson. Robertson has been creating MARC records for NV XR Libraries content, such as the “information experiences” created by project partner Lifelique, and is uploading these records to WorldCat.

“Out of almost 3 billion records in WorldCat, there was not a single one that we could find that had a MARC record for VR content” prior to launching the cataloging initiative, Westergard told *LJ*. Records for equipment for checkout, and books and other materials about VR, were abundant, but “technology requires hardware and software,” she said, later adding that there may be a lack of records because software publishers have only recently begun creating a significant volume of VR content in subjects that libraries would be interested in collecting.

“We firmly believe that the virtual medium is simply another form of learning and belongs in any library collection, just like paper, maps, videos, or photos,” the NV XR Libraries report states. “Kelly [Robertson’s] work creating these catalog records makes virtual reality technology even more accessible to library users throughout the world, and highlights the educational nature of the technology.”

Westergard said that NSL will have a presentation about NV XR Libraries at the American Library Association’s annual convention in June. Beforehand, they’re planning a cataloging VR Hackathon, asking groups of librarians in Marin, CA (where XR Libraries is headquartered) and Carson City to hack together for nine hours, uploading VR content records to WorldCat.



While use of VR has not yet become widespread in the consumer marketplace, Rebaleati said she has every expectation that it will take hold in homes, schools, and academic institutions in the coming years. “I think, right now, we’re in what I like to call the first bubble—we’re getting [VR] into people’s hands, and people are starting to realize what it can be used for.” The second “bubble” will result in widespread adoption.

“It’s still really new and fresh to people,” Rebaleati said. “A common misconception about the technology is that it’s just for gaming. I think that over time, people will start to realize VR has a lot more uses, and it might actually have better applications within educational spaces,” than for games.

Matt Enis ([menis@mediasourceinc.com](mailto:menis@mediasourceinc.com), [@MatthewEnis](https://twitter.com/MatthewEnis) on Twitter, [matthewenis.com](http://matthewenis.com)) is Senior Editor, Technology for *Library Journal*.B

\*\*\*\*\*

AVAILABLE NOW ON KNPB STREAMING



**Native America**

Before Europeans arrived on either American continent, complex civilizations with long histories thrived across **Native America**. Watch all four episodes to learn about their origins, how some erected massive cities synced to the heavens, and how their various societies practiced unique systems of science, art, writing, and spirituality.

– Megan Myers  
Vice President of Content & Marketing

**NOVA: Becoming Human**

Homo sapiens are the only remaining species of the human animal. How did that happen? Why did other

related species die off long ago? And what exactly makes us the species that we are? Watch all three episodes of **NOVA: Becoming Human** to learn how recent science can answer these questions and more.

– Barbara Harmon Director of Programming

\*\*\*\*\*



**A Fight Between Humboldt Stakeholders Over the Klamath Dams is Impacting Environmental Protections Across the Country**

By Ryan Burns, Lost Coast Outpost, 6/12/19

The past 15 years have seen a lot of complex negotiating, arguing and legal wrangling over the Klamath River Hydroelectric Project. For the most part these disputes have been limited to the fate of the four PacifiCorp-owned hydroelectric dams on that waterway. Not to minimize the stakes there: If the decommissioning goes through as planned (the latest timetable aims for a drawdown sometime in 2021) it will be the largest dam removal project in U.S. history, with major implications for environmental restoration, the salmon fishery, agriculture and local tribes.

**OPINION: To save Klamath River salmon, shut down the hatcheries**  
**BY Jacques Leslie, Los Angeles Times, 6/13/19**

In 2021, four large dams on the Klamath River are due to be demolished, in part to revive the river and Klamath Basin salmon. But unless salmon hatchery operations are discontinued soon afterward on the river, the effort will founder. Allowing hatchery salmon to mix with struggling native salmon after removing the dams is like rescuing a dying man only to slowly poison him. The Klamath dam demolitions, the world's largest dam removal project, offer a spectacular opportunity to return this California and Oregon river to its wild state. Native salmon will be able to swim an additional 400-plus river miles from ocean to historical spawning grounds, completing a life cycle that replenishes not just the stock of wild salmon, but the health of the basin. Klamath salmon are keystone species in a food web that includes at least 137 animals.

**Farmers Need New Water Rule, Farm Bureau Tells Senate By AG NET West, 6/12/19**

The EPA's latest proposal to define which waters can be regulated by the federal government and which by state and local authorities is a vast improvement over previous efforts, Wyoming Farm Bureau President Todd Fornstrom told the Senate Subcommittee on Fisheries, Waters, and Wildlife. Expensive professional services needed to comply with the Clean Water Act, he said, too often make it impossible for farmers to use their own land to its fullest

**Obama Water Regulations Criticized as Senate Backs Rule Change**  
**By Megan Mineiro, Courthouse News Service, 6/12/19**

WASHINGTON (CN) — Senate Republicans lambasted the previous administration's water regulations as a federal power grab Wednesday in a hearing on the new policy rolled out by President Donald Trump. The Environmental Protection Agency revised the rule known as Waters of the United States in December, following Trump's 2017 executive order aimed at minimizing regulations and promoting economic growth. The order limited the definition of "waters of the United States" to include only navigable waters, leaving smaller waterways at risk of contamination from pollutants and hazardous materials.

\*\*\*\*\*

**EPA Seeking Candidates for Annual Membership of The Science Advisory Board**

**Nominations Due June 24, 2019**

The EPA requests assistance in identifying a diverse range of qualified candidates to be considered for the appointment to the EPA Science Advisory Board (SAB), as well as four SAB subcommittees. The SAB is a chartered federal advisory committee at the Environmental Protection Agency (EPA) that provides independent, expert advice to the EPA Administrator on a range of environmental topics in science, engineering, risk, and economic issues.

Each year, the SAB Staff Office publishes a Federal Register Notice announcing opportunities for the public to nominate candidate experts to serve on the SAB, and certain SAB standing committees. On May 23, 2019, the SAB Staff Office published a Federal Register Notice, please see: <https://www.govinfo.gov/content/pkg/FR-2019-05-23/pdf/2019-10819.pdf> requesting public nominations of experts for consideration to serve on the Chartered SAB and the following standing SAB

committees: Chemical Assessment Advisory Committee, Drinking Water Committee, Agricultural Sciences Committee, and Radiation Advisory Committee. The notice describes the functions of and expertise needed for the Chartered SAB and the four SAB committees.

We invite you to nominate candidates for the SAB and SAB subcommittees and share this request with others. Nominations to the SAB or the SAB committees should be made using the web links for each committee found under the "Nomination of Experts" category at the bottom of the SAB ([www.epa.gov/sab](http://www.epa.gov/sab)) home page. Nominations are sought by June 24, 2019. Should you have questions about the nomination process or the broad charge to the SAB, please feel free contact me, Dr. Thomas Armitage (Designated Federal Officer for the SAB) at [armitage.thomas@epa.gov](mailto:armitage.thomas@epa.gov) or Dr. Sue Shallal (Designated Federal Officer) at [shallal.suhair@epa.gov](mailto:shallal.suhair@epa.gov).

\*\*\*\*\*

Top 10 Stories: What Indian Country read this past week.  
[Read more](#) newsmaven.io

\*\*\*\*\*

### MORE GRADUATES



Jae Martinez from  
Yerington HS



Lorenzo  
Katenay from  
CCNS

### [A Father's Day Gift For Myself: Activism](#)

PETER CERTO, OTHERWORDS

News about climate change has been so spooky for so long that it can feel like background noise. In 30 short years, everything modern humans have built could be rent apart by an ecological catastrophe of our own making. But I'm resolving to join the hundreds of thousands of children who have walked out of school demanding their right to the future. [Read the Article →](#)