

Journal #4922 from sdc 4.14.21

Words from Vine Deloria

In 1968, one man built 'Utopia' for mice. Within two years the entire population was dead.

The water fight over the shrinking Colorado River

Carbon dioxide spikes to critical record, halfway to doubling preindustrial levels

"You need water to live": Pete Buttigieg explains infrastructure to Republicans

To create a truly circular economy, we need to take a page from the natural world

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Francine Fillmore "Herb"



As She Is

***“Once upon a time, when women were birds,
there was the simple understanding that
to sing at dawn and to sing at dusk
was to heal the world through joy.***

***The birds still remember
what we have forgotten,
that the world is meant to be celebrated.”***

***~Terry Tempest Williams
Art work: Robert Hamilton***



"The largest difference I can see between Indian religion and Christian religions is in interpersonal relationships. Indian society had a religion that taught respect for all members of society. Remember, Indians had a religion that produced a society in which there were no locks on doors, no orphanages, no need for oaths, and no hungry people. Indian religion taught that sharing one's goods with another human being was the highest form of behavior. The Indian people have tenaciously held to this tradition of sharing their goods with other people in spite of all attempts by churches, government agencies, and schools to break them of the custom.

Christianity came along and tried to substitute "giving" for sharing. There was only one catch: giving meant giving to the church, not to other people. Giving, in the modern Christian sense, is simply a method of shearing the sheep, not of tending them."

By Vine Deloria, Jr.

From the book: "Custer Died For Your Sins"

In 1968, one man built 'Utopia' for mice. Within two years the entire population was dead. He overlooked one vital thing <https://www.didyounowdaily.com/story/universe-25>

The water fight over the shrinking Colorado River

Global warming is shrinking the Colorado River. That means less water for 40 million people.

Read in BBC News: https://apple.news/A932mG76hSLKbHS_7_6_V3Q

Carbon dioxide spikes to critical record, halfway to doubling preindustrial levels

The planet has warmed more than two degrees as this heat-trapping gas accumulates in the atmosphere. Washington Post: <https://apple.news/ADE2ETIfAQEq5XaNyhJ8cxQ>

"You need water to live": Pete Buttigieg explains infrastructure to Republicans
motherjones.com

The GOP governor of South Dakota had complained that Biden's infrastructure plan would fund "housing and pipes."

From the Indy and its talented legislative reporters:

Natural gas legislation, efficiency bills die on deadline day: Two closely watched pieces of natural gas legislation failed to make it out of committee. The first bill, AB380, was aimed at requiring natural gas utilities undergo more rigorous resource planning, an effort to align the utility's infrastructure investment with the state's climate goal of net-zero emissions by 2050.

[SB296](#), backed by Southwest Gas, sought to harden the utility's infrastructure by establishing a pipeline replacement program. The legislation from Senate Majority Leader Nicole Cannizzaro (D-Las Vegas) did not get a hearing and was not given a special exemption to move forward.

Why did these bills die so early in the session? I'm working on a piece with my colleague Riley Snyder about what happened and the gas utility's lobbying efforts around the bills.

[As our legislative team, Michelle Rindels, Tabitha Mueller and Riley Snyder, reported](#), an energy efficiency bill ([SB382](#)) also died. "NV Energy opposed the bill, and said advocates should go through other avenues at the state Public Utilities Commission to accomplish their goals," they wrote.

Mining oversight bill moves forward as regulatory reorganization stalls: The Assembly Committee on Natural Resources advanced [AB148](#). The bill seeks to prevent so-called "bad actors" — companies or executives with a track-record of not meeting mine-cleanup obligations — from doing business in Nevada. Another bill, [AB240](#), seeking to dissolve the Nevada Division of Minerals by splitting up its regulatory and advocacy roles, did not advance out of committee.

State's water bills: Several proposed bills backed by the state's Division of Water Resources died before the Friday deadline. [SB155](#), legislation to change the requirements for Nevada's top water regulator, the state engineer, did not advance past a key Senate committee. Similarly, two controversial proposals died, at least in their original form. [AB354](#), legislation to create "water banks," did not make it out of a committee after conservationists and rural interests argued that the proposal could lead to speculation and was not specific to Nevada water issues. Companion legislation, [AB356](#), passed, but was amended with a largely unrelated conservation proposal backed by the Southern Nevada Water Authority. [Its proposal seeks to remove unused turf.](#)

There are still many bills to keep watching (this is by no means an exhaustive list):

- **Water legislation:** An amended version of [AB146](#), which passed out of committee on Friday, seeks to better manage water quality issues arising from indirect pollution. **It also declares the state's policy to a right to clean water.** [AB97](#) seeks to require regulators to form a working group to look at PFAS, often called "forever chemicals." And of course, there's the Southern Nevada Water Authority's bill ([AB356](#)). It's going to be interesting to watch how it is received in Carson City, in Las Vegas and in the Colorado River Basin.

- **Energy/Emissions legislation:** [AB349](#) seeks to close the “classic car” loophole, which allows cars that are not, by most reasonable definitions, “classic” to evade regulations for tailpipe emissions. Another bill, [AB383](#), looks to direct the state to adopt energy efficiency standards for appliances. And while most bills have been introduced at this point, Sen. Chris Brooks (D-Las Vegas) could still offer [an omnibus clean energy bill](#).
- **Mining resolutions:** Lawmakers could still consider three resolutions to raise taxes on mining ([AJR1](#), [AJR2](#), [SJR1](#)), first passed during the special session over the summer.
- **Land and conservation legislation:** [AB171](#) aims to make it the state’s policy to protect stands of swamp cedars, geographically isolated populations of Rocky Mountain juniper trees that are sacred for Indigenous communities in the Great Basin ([our story](#) on the bill from March). And [SB52](#) looks to create a program for awarding dark sky designation

WATER AND LAND

State senator raises concerns about hedge fund’s water marketing

proposal: Sen. Pete Goicoechea (R-Eureka) said last week that he is concerned about a hedge fund’s proposal to market water in Humboldt County, *Nevada Newsmakers’* [Ray Hagar reports](#). Last summer, we co-published [a three-part series](#) on concerns about the hedge fund’s activities across the West.

The push to protect Tiehm’s buckwheat: Tiehm’s buckwheat, a rare plant that is threatened by proposed lithium mining outside Tonopah, has been targeted for special protection, [according to new documents](#) reported by Scott Sonner with the *Associated Press*. The records show that state and federal officials, recognizing the threats to the buckwheat, found only on a small stretch of land in Nevada, considered measures to conserve its habitat.

Restoring a wetland where few remain: Amy Alonzo, with the *Reno Gazette Journal*, [reports on wetland restoration](#) in southeast Reno — with sobering statistics about the loss of wetlands.

Coming up in the Supreme Court: A newly formed Supreme Court commission to study water law in Nevada plans to have its first meeting on April 16, [the court announced this week](#).

What I’m reading: *The Atlantic* [published a powerful essay by David Treuer](#) making the case for returning the stewardship of the national parks to Indigenous communities. Weaving history with our present moment, the essay is worth spending time with. “We live in a time of historical reconsideration, as more and more people recognize that the sins of the past still haunt the present,” Treuer writes. “For Native Americans, there can be no better remedy for the theft of land than land. And for us, no lands are as spiritually significant as the national parks.”

CLIMATE CHANGE

What the snow tells us about intensifying drought: Across the West, the snowpack holds much-needed water for ecosystems, irrigators and communities. The timing of when that snow melts is critical. As the climate changes, the timing is changing, with significant ramifications. *InsideClimateNews* reporters Bob Berwyn and

Judy Fahys [look at what research tells us](#) about the effects of longer dry spells and earlier snowmelt. **One quote that stood out:** “We’ve grown up in a world in which snowpack has been a reliable reservoir, but it’s not that way anymore.”

ENERGY AND MINING

Deseret News’ [Sofia Jeremias writes an in-depth piece](#) **about the Thacker Pass lithium mine.** “In Nevada, mining has a long legacy of offering economic opportunity, giving it an influential voice among policymakers eager to accommodate the industry’s interests,” Jeremias writes. “It appears that may remain the case when it comes to mining the state’s lithium resources.

[AB270](#), which deals with Nevada State Prison and Stewart Indian School will be moving forward.

[Everything from smartphones to housing can be built without waste. Here’s how](#)

[Higher Education's Racial Reckoning Reaches Far Beyond Slavery](#)

by Davarian L. Baldwin American universities have grown in harmony with American racism throughout their history, from building on land appropriated from Native Americans to accommodating Jim Crow to promoting social science theories that justified segregation and directly encouraging gentrification through real estate purchasing

CORRECTED: REMINDER – Closing April 16th:

The U.S. Environmental Protection Agency is announcing a solicitation for nominations to serve on its Local Government Advisory Committee (LGAC), which advises the EPA on critical environmental issues impacting local governments. The agency is also accepting nominations for LGAC’s Small Communities Advisory Subcommittee (SCAS). Nominations close April 16th, 2021.

“Local and state partnerships are vital to EPA’s mission of promoting and protecting public health and the environment,” **said Deputy Associate Administrator for Intergovernmental Relations Casey Katims.** “The Biden-Harris administration has laid out an ambitious agenda to tackle the climate crisis, prioritize environmental justice and create clean energy jobs. Seeking input and collaboration from communities across the country is an essential part of achieving these goals.”

Members of the LGAC and SCAS will provide advice and recommendations on a broad range of issues, including: ensuring access to clean air and water; reducing greenhouse gas emissions; advancing environmental justice; bolstering resilience to the impacts of climate change; and limiting exposure to dangerous chemicals and pesticides.

Candidates must be current elected or appointed officials representing local, state, tribal or territorial governments. EPA expressly values diversity, equity, and inclusion, and encourages the

nominations of individuals from diverse backgrounds, so that the LGAC and SCAS look like America and reflect the country's rich diversity.

To be considered for 2021 appointments, **nominations should be submitted by April 16, 2021.**

Learn more about the nomination process here: <https://www.federalregister.gov/documents/2021/03/05/2021-04624/local-government-advisory-committee-and-small-communities-advisory-subcommittee-request-for>

Background

Chartered in 1993 under the Federal Advisory Committee Act, the Local Government Advisory Committee provides independent and objective policy advice to the EPA Administrator on a broad range of issues affecting local governments. The Small Community Advisory Subcommittee was established by EPA in 1996 to advise the Administrator on environmental issues of concern to the residents of smaller communities.

For more information about the LGAC, please visit <https://www.epa.gov/ocir/local-government-advisory-committee-lgac>.

For more information about the SCAS, please visit: <https://www.epa.gov/ocir/small-community-advisory-subcommittee-scas>.

For up-to-date information about Environmental Justice funding opportunities, events, and webinars, subscribe to EPA's Environmental Justice listserv by sending a blank email to: join-epa-ej@lists.epa.gov.



In January 2019, the American Library Association established as a core value and program priority: **Libraries Fostering Resilient Communities.** In part, this calls librarians to curate authoritative STEM collections and connect the resources to community programs. In response, the Nevada State Library convened an Preserving Nevada, an environmental summit with experts from around Nevada. The Desert Research Institute (DRI), Nevada Humanities, several groups from the University of Nevada, Reno (UNR), Lifeliqe, AmeriCorps, Churchill County Museum and Archive, and the Governor's Office of Economic Development (GOED) all lent the summit their expertise.

The summit was a way to showcase the power of libraries as centers of discussion. In preparation, state librarian Tammy Westergard and Mark Andersen of Lifeliqe conducted a 1,500 mile tour through most of rural northern Nevada. Their findings and the expertise of the day's panelists have helped to begin a conversation that will continue as Nevada faces the challenges of the 21st century.



[Expert Guidance](#)

Thoughts from community leaders.



[Conducting a Conversation](#) How to discuss heritage preservation in your community.



[Read to Lead](#)

An annotated bibliography of further reading suggestions.

Bibliography (and suggested reading list) includes Helen Fillmore's work:

*Fillmore, H.M. (2019) *Assessing climate data and information needs to enhance the resiliency of water resources on reservation lands in the southwestern United States*. (Unpublished doctoral dissertation). Department of Hydrology, University of Nevada, Reno. Retrieved from <http://hdl.handle.net/11714/5719>

Indigenous communities are among some of the most vulnerable to climate change impacts, particularly with regards to their water resources. Planning effectively to remain resilient within existing socio-cultural, political, and economic constraints requires an assessment of the climate data and information needs most pressing in Indigenous communities. This study seeks to support such integration using a participatory research design that assesses data and information needs critical to enhancing climate adaptation on reservation lands in the Southwestern and Great Basin regions. It includes a discussion on ethical collaboration when conducting such research, with special attention to protecting the data sovereignty of Indigenous communities when sharing research information with the general public.

And

Lovelock, J. (2019). *Novacene. The coming age of hyperintelligence*. London, England: Penguin Books Ltd.

This book suggests that the current geological age, known as the Anthropocene and acknowledged as a period in which human activity has been the dominant influence on climate and the environment; is coming to an end. Thus, a new age, the Novacene, is dawning; and will produce artificial intelligence that will think 10,000 times faster than we do.

<https://nsla.nv.gov/preserving-nv/home>

Travel Nevada wants to ensure its partners are aware that the U.S. Small Business Association will officially open the application period for the Shuttered Venue Operators Grant (SVOG) at **noon April 8**. You can review the [SBA press release](#), but here are a few highlights:

- **Who's eligible to apply?** Operators of live venues, live performing arts organizations, museums and movie theaters, as well as live venue promoters, theatrical producers and talent representatives.
- **First-in, first out basis.** The SBA is accepting applications on a first-in, first-out basis. The online [Shuttered Venue Operators Grant application portal](#) opens at noon April
- **How do I learn more?** Find SBA-provided program updates and information through the agency's ["frequently asked questions"](#) web page

Reminder: Rural Roundup Thursday, April 22, 2021 Virtual Hybrid Event

Opening remarks from Governor Steve Sisolak, Lieutenant Governor Kate Marshall, Senator Jacky Rosen, and Director Brenda Scolari. Free Registration!
Please review the full agenda online here.

Be sure to check out the option to participate at one of five "outposts" where partners will gather (following safety protocols) to view the virtual conference as a group.

Last day to register to attend online is Monday, April 19th [Register Here](#)

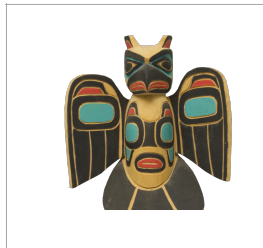
The media's the most powerful entity on earth. They have the power to make the innocent guilty and to make the guilty innocent, and that's power. Because they control the minds of the masses " -- Malcolm X

[The deadline to apply for the *Indy* summer internship program is **Friday, April 16.** If you know a college senior who may be interested, please share this with them. Additional information can be found \[here\]\(#\).](#)

From the Harvard Museums: Digital Programs to Attend

[The Dawn of Olmec Civilization Wednesday, April 21, 6:00 pm ET](#)

The hearth of Olmec civilization is located in the tropical lowlands of Mexico's southern Gulf Coast region, in the majestic archaeological site of San Lorenzo. The inhabitants of this first Olmec capital developed a distinctive geo-political territory and managed complex trade systems. The Olmec also created spectacular earthen architecture and magnificent stone sculpture—including the famous Colossal Heads—that reflect their stratified social organization and centralized political system backed by religion and directed by hereditary rulers. Archaeologist Ann Cyphers will discuss recent investigations at San Lorenzo that shed new light on the dawn of Olmec civilization almost 4,000 years ago.



[Flap, Hop, Caw Tuesday, April 27, 3:00 pm ET](#)

Celebrate International Crow and Raven Appreciation Day by taking a virtual swoop through the Peabody Museum. These smart birds play games with each other, display anger and friendliness, and appear in cultural tales from around the world. Learn about the birds'

[Water-worried Vegas wants useless grass a thing of the past](#) (AP)

Scholarships (S-W) with May 1-15 Deadlines

San Jose State University Scholarships	Varies	05/01/2021
Santa Rosa Ninety-Nines Aviation Scholarship	\$4,000	05/01/2021
Scholar Program Scholarship	\$2,400	05/01/2021
SEE Education Foundation Scholarship	\$7,500	05/08/2021
Seed Companies Scholarship	\$4,000	05/01/2021
SENEDIA STEM Scholarship	\$1,500	05/01/2021
Society of Women Engineers Freshman Scholarships	Varies	05/01/2021
State of Maine Grant Program	\$1,500	05/01/2021
Stella Blum Research Grant	Varies	05/01/2021
Stephen L. Teller & Richard Hotson TV, Cinema, and Theater Scholarship	\$1,000	05/01/2021
Stephen Phillips Memorial Scholarship Fund	\$18,000	05/02/2021
Support Creativity World Scholarship	\$1,000	05/01/2021
SVCF Marie A. Calderilla Scholarship	\$20,000	05/04/2021
SWANA Land of Lincoln Chapter Scholarships	\$5,000	05/01/2021
The Achievement Award Program (TAAP)	\$24,000	05/03/2021
The American Express Scholarship	\$2,000	05/01/2021
The Better Together Scholarships	\$2,000	05/14/2021
The Cal Aggie Alumni Association Scholarships	Varies	05/10/2021
The Charles and Robin Paul Scholarship Award	\$2,500	05/06/2021
The Dingwall Dissertation Fellowship in the Cognitive, Clinical, and Neural Foundations of Language	\$30,000	05/01/2021
The Eye-Bank STEM Scholarship in Memory of James Fabian, Esq.	\$3,000	05/15/2021
The Ferriss Horticulture Scholarship	\$4,000	05/01/2021
The Foundation Scholarship Fund	\$2,000	05/05/2021
The Frank A. Samuelson Scholarship Award	\$2,000	05/06/2021
The Frederic Whitaker and Eileen Monaghan Whitaker Scholarship	\$2,000	05/15/2021
The Grange Scholarship Endowment at the Pennsylvania State University	\$1,500	05/01/2021
The Harold K. Douthit Regional Scholarship	\$1,000	05/15/2021
The Hubbard Scholarship	\$3,000	05/15/2021
The John Lepping Memorial Scholarship	\$5,000	05/01/2021
The Joseph M. Fannell Creative and Performing Arts Scholarship	\$2,000	05/14/2021

The Kurt Brown Fellowship for Diverse Voices	\$1,500	05/03/2021
The Laurels Fund Scholarship	\$5,000	05/15/2021
The Lindsey's Family Restaurant and Shon Shadrick Memorial Scholarship	\$5,000	05/07/2021
The Lucia A. Wright Piano Scholarship	\$2,000	05/13/2021
The Maine Police Emerald Society Kevin Riordan Presidential Scholarship	\$500	05/01/2021
The Paradigm Challenge Meet a Hero Contest	\$10,000	05/01/2021
The Paula Kovarick Segalman Family Scholarship Fund For ALS	\$10,000	05/01/2021
The Power of Children Awards: Making A Difference	\$2,500	05/15/2021
The Purple Heart Scholarship Fund	\$5,000	05/15/2021
The SET Educational Fund	\$6,500	05/01/2021
The Trotter Project's Farmer Lee Jones Scholarship	\$10,000	05/15/2021
The Trotter Project's Homaro Cantu Scholarship	\$10,000	05/15/2021
The Trotter Project's Pursuit of Excellence Scholarship	\$10,000	05/15/2021
The Washington Thoroughbred Foundation Scholarship	\$5,000	05/01/2021
The Weston Scholarship	\$1,000	05/01/2021
The William L. Cullison Scholarship	\$4,000	05/01/2021
Thermo Fisher Scientific Antibody Scholarship	\$10,000	05/05/2021
Thomas F. Garrett Negro League Scholarships	\$1,000	05/04/2021
Thomas G. Giolas, Ph.D. Memorial Scholarship	\$1,500	05/01/2021
Thomas K. Besh Memorial Scholarship Fund	Varies	05/03/2021
Tourette College scholarship	\$2,000	05/01/2021

UC Berkeley Leadership Award	\$2,000	05/03/2021
Umps Care All-Star College Scholarship	\$10,000	05/15/2021
USGIF Scholarship Program	\$5,000	05/15/2021
Valparaiso University Award for Excellence	\$2,000	05/01/2021
Vocational (Bettinger, Holden & Perry) Scholarship	Varies	05/01/2021
VSA Emerging Young Artists Program	\$20,000	05/20/2021
Washington Council of Police & Sheriffs Scholarship	\$1,000	05/01/2021
Watts Humanitarian Scholarship	Varies	05/01/2021
WIFLE Scholarship Program	Varies	05/03/2021
Wilmington Women in Business Fresh Start Scholarship	Varies	05/15/2021
WiNUP Fellowships	\$2,000	05/01/2021
Wisconsin Architects Foundation Out-of-State Study Scholarship	\$1,500	05/15/2021

Late arriving notice:

Leveraging Advances in Remote Geospatial Technologies to Inform Precision Environmental Health Decisions: A Workshop

Join the National Academies of Sciences, Engineering, and Medicine on April 14-15 for a virtual workshop to explore how advances in the resolution of geospatial technologies could inform “precision environmental health”—targeted public health interventions that reach the right populations at the right time.

When: April 14-15, 2021

Register Here: <https://www.nationalacademies.org/event/04-14-2021/leveraging-advances-in-remote-geospatial-technologies-to-inform-precision-environmental-health-decisions-a-workshop>

By presenting environmental health data in a spatial context, geospatial technologies can provide insight on the spread of pollution and disease, help to identify at-risk populations, and monitor environmental health trends.

Invited speakers and panelists will highlight the breadth of available geospatial technologies, and how they can be applied to understanding environmental health risk. Workshop participants will also discuss the use of geospatial advances to address environmental justice, and to direct responses to environmental disasters. A series of three video primers providing background information pertinent to the workshop’s presentations and discussions will be shared prior to the workshop, to enhance discussions among participants from diverse fields.

Workshop topics will include:

- Leveraging Geospatial Technologies to Advance Environmental Justice and Health Equity
- Personalizing Exposure Science to Improve Environmental Health
- Geospatial Science for Preparing and Responding to Environmental Disasters
- Breakout Sessions: Reflecting on Opportunities for the Path Ahead

This workshop is being convened by the National Academies’ [Standing Committee on the Use of Emerging Science for Environmental Health Decisions](#). [Register now](#) to be emailed agenda updates as they are made available.

For up-to-date information about Environmental Justice funding opportunities, events, and webinars, subscribe to EPA's Environmental Justice listserv by sending a blank email to: join-epa-ej@lists.epa.gov.

Zoom presentation with guest speaker Eric Hemenway

Join Eric Hemenway of the Little Traverse Bay Band of Odawa Indians to learn about the forced relocation of natives and its repercussions. In the 1800s, Indian removal was federal policy that displaced tens of thousands of natives from their ancestral homelands. The most infamous of these removals was the Cherokee Trail of Tears but Michigan has its own history of removing its native populations. This talk will look at the history of forced relocation of tribes in Michigan and the repercussions removal policies had on tribes.

Thu, Apr 15, 2021, 4:00 PM PDT

[Add to Calendar](#)

<https://www.eventbrite.com/e/modern-interpretation-of-native-americans-tickets-146775703079?aff=erellivmlt>

Bernie Madoff Dies

<https://currently.att.yahoo.com/att/cm/ap-source-ponzi-schemer-bernie-132840501.html>

In Loving Memory



Francine Fillmore "Herb"

September 23, 1955 - April 08, 2021

Funeral Services: April 23, 2021 @1pm
Carson Colony Gym

Viewing: April 22, 2021 @2pm-4pm
Walton's Funeral Home Carson City

Burial Service: Stewart Indian Cemetery

Please wear a Mask

Dinner to follow Carson Colony Gym
Food donations welcome