

## ***Journal #4613      from sdc      2.13.20***

***Bookended by Wasp Nests, These Aboriginal Artworks May Finally Have Definitive Dates***

***Scientists Grew Palm Trees From 2000-Year-Old Seeds***

***Cherokee Nation to preserve heirloom seeds in "doomsday" vault***

***Can we protect nature by giving it legal rights?***

***Trump's regional EPA chief in California is suddenly removed from his job***

***Tribes Decry Trump's Opening of National Monuments to Oil and Gas Development***

***The US Set to Decimate National Monuments Despite Public Opposition***

***Hearts of Our People: Native Women Artists, Renwick Gallery***

***Unsettled Nature: Artists Respond to the Age of Humans, National Museum of Natural History***

***Preston Singletary: Raven and the Box of Daylight, National Museum of the American Indian***

***Seminars from HUD/ONAP***

***Calendar***

***New Biodiversity Map Offers View of Life on Both Land and Water***

***Washoe Land Bill***

***Fears for Brazil's isolated tribes as ex-missionary named to head agency***

***Native people did not use fire to shape New England's landscape***

***What Will the Museums of the Future Be Like?***

***Fossil Fuel Industry Is Now 'in the Death Knell Phase'***

***National Environmental Justice Advisory Council Public Meeting***



**A viral reminder that Native people are the historical experts on sustainability**

[Bookended by Wasp Nests, These Aboriginal Artworks May Finally Have Definitive Dates](#)

## [Scientists Grew Palm Trees From 2000-Year-Old Seeds](#)

### [Scientists in Israel grow date plants from 2,000-year-old seeds \(Guardian\)](#)

#### **Cherokee Nation to preserve heirloom seeds in "doomsday" vault**

The variety of seeds sent to the vault are older than the United States — and now, they'll have a chance to last forever. Read in CBS News: <https://apple.news/AEF-Bd2nZQ2y-2BeeUV4nIQ>

### [Can we protect nature by giving it legal rights?](#) [By Ensia, 2/4/2020](#)

A great blue heron walks slowly on long legs. A loud splash just might signal the presence of an endangered lake sturgeon. At the headwaters of the Great Lakes, North America's largest freshwater estuary teems with life. This place called Gichigami-ziibi in native Anishinaabemowin — the St. Louis River in English — is rich in biodiversity and an important place for migratory birds and native fish. This body of water in Duluth, Minnesota, is also rich in challenges. Forty years ago, U.S. Steel left behind what has been called the "most widely contaminated" Superfund site in the Rust Belt, where it's still not safe to eat the fish or swim in the water. Currently over US\$300 million is being invested into restoration.

### [Trump's regional EPA chief in California is suddenly removed from his job](#)

[By Los Angeles Times, 2/5/2020](#)

The Environmental Protection Agency's top official in California was abruptly removed from office Wednesday. No reason has yet been given for Mike Stoker's dismissal. In an email sent to staff members of the environment agency's Pacific Southwest regional office, EPA Administrator Andrew Wheeler wrote, "I would like to thank Mike Stoker for his service to the EPA." He then added, "I wish him and his family the best in their future endeavors."

### [Tribes Decry Trump's Opening of National Monuments to Oil and Gas Development](#) [JOAQLIN ESTUS, INDIAN COUNTRY TODAY](#)

On Thursday, the Trump administration announced it was opening the Bears Ears and Grand Staircase-Escalante monuments to cattle grazing, mining, and oil and gas development. In response, the Bears Ears Intertribal Coalition condemned the move as a disrespectful and unlawful attack on Native American sovereignty and culture.

[Read the Article →](#)

### [The US Set to Decimate National Monuments Despite Public Opposition](#)

*Alex Lauer, InsideHook*

Lauer writes: "In 2017, President Trump announced he would downsize both the Bears Ears and Grand Staircase-Escalante National Monuments in Utah, which would be 'the largest reversal of national monument protections in U.S. history,' writes NPR." [READ MORE](#)

### **Hearts of Our People: Native Women Artists, Renwick Gallery**

*Valise* by Nellie Two Bear Gates, *Gathering of Clouds Woman*, Iháŋkthūŋwaŋna Dakhóta, Standing Rock Reservation (Minneapolis Institute of Art, The Robert J. Ulrich Works of Art Purchase Fund)

The first major exhibition to explore the artistic achievements of Native women, "[Hearts of Our People](#)" includes more than 80 works of textiles and decorative arts to photography, sculpture and time-based media, dating from ancient times to the present, and stressing the collaborative process. Organized by the [Minneapolis Institute of Art](#), the Washington, D.C. stop at the [Smithsonian American Art Museum's Renwick Gallery](#) is third on a tour that will also bring the show to Tulsa. (*February 21 through May 17, 2020*)

### **Unsettled Nature: Artists Respond to the Age of Humans, National Museum of Natural History**

*American Mine* by David Maisel, Carlin, Nevada 1, 2007 (David Maisel/Courtesy Edwynn Houk Gallery)

What has been the role of humans in the shaping and change in the world in which we live? An array of works by contemporary artists take up this question in a rare art show at the [National Museum of Natural History](#) that is also meant to inspire visitors to create their own visions for a shared future. (*March 18, 2020 through April 11, 2021*)

### **Preston Singletary: Raven and the Box of Daylight, National Museum of the American Indian**

*Raven Birth (Yéil Koowdzitee)* by Preston Singletary (American Tlingit), 2018 (NMAI, courtesy of the artist)

Pacific Northwest soundscapes, music and projections accompany a major [show](#) at the National Museum of the American Indian by Tlingit glass artist [Preston Singletary](#), who tells the tribal story of Raven and his transformation of the world by bringing light to people from the stars, moon and sun. Organized by the artist with the [Museum of Glass](#) in Tacoma, Washington, it's the latest multimedia show at the museum. (*October 9, 2020 through October 3, 2021*)

\*\*\*\*\*

**On February 13, 2020, at 1:00 p.m. Eastern Standard Time, ONAP will host [Opportunity Zones 101](#)- an introductory webinar for tribes and native communities.**

Some of the questions that the webinar will answer, include:

- What are Opportunity Zones?
- Where are Opportunity Zones located?
- How could Opportunity Zones impact Indian Country?
- What should be considered before implementing an Opportunity Zone?
- What are Census Tracts?

**To register for the webinar: [Click Here](#)      To join the webinar:**

**Step 1: Dial into the conference: 888-251-2949 or 215-861-0694 Access Code: 5556669#**

**Step 2:**

### **March 4: Save the Date- ONAP Best Practices Webinar Featuring Blackfeet Housing's Glacier Heights Housing Development**

As part of ONAP's National Best Practice Webinar Series, on March 4, 2020, ONAP will feature the Blackfeet Housing's recent completion of 40 single family homes developed with a loan guaranteed under HUD's Title VI program. In 18 of the homes (and a purchased duplex), they are housing 20 formerly homeless veterans and their families with the assistance of Tribal

Housing and Urban Development Veterans Affairs Supportive Housing (THUD-VASH) funds.

To register: [Click Here](#)

To join the webinar:

Step 1: Dial into the conference: 888-251-2949 or 215-861-0694 Access Code: 9008325#

Step 2: [Join the conference on your computer](#).

**Starting Feb 1st til Valentine's Day, put a new heart on your kids door with a reason why you love them!...**



## **Calendar**

**February 14 Priority Deadline** - Regular deadline March 6, University of Arizona's Native American Science and Engineering Program (NASEP) for high school sophomores and juniors. Priority application deadline is February 14. Free year long program (week long summer program with year long support) for Native American, Alaskan Native, and Hawaiian Native high school students with resources to enroll in college and pursue a career in STEM. For more

**February 15 Deadline** - STEP UP research experience for 11th and 12th grader Native American students. 8-10 week research experience. For more information click [here](#).

**February 18-21** - 6th International Meeting on Indigenous Women's Health. Albuquerque Marriott. For information, email [them](#).

**February 19 Deadline** - 2020 Native American Research Internship, University of Utah, School of Medicine for undergraduate junior and senior students. Ten week paid summer internship funded by National Institutes of Health. For more information contact [Janet via email](#).

**February 19 Deadline** - Summer Integrative Neuroscience Experience (SINE) at the John D. MacArthur Campus in Jupiter, Florida. Paid, ten week program for students that prepares them for graduate studies or careers in STEM disciplines. For more information click [here](#).

**February 21 - Native American Men's Conference.** Held at Scottsdale Community College's Indigenous Cultural Center. For more information, click [here](#).

**February 21 - Winter Institute X. The Ethical, Legal, and Social Implications of Conducting Research with Native American Communities.** Marriott Phoenix Chandler, Chandler. American Indian Research Center for Health, ITCA, and UA Health Sciences. For more information click [here](#).

**February 21 Deadline** - Spring 2020 Award Application Sovereign Bodies Institute. For information click [here](#).

**February 22 - Iwo Jima Memorial Run.** Sacaton Fairgrounds. 10K or 2 mile. Onsite registration starts at 6:30 a.m. Run starts at 7:00 a.m. For more information call (520) 562-2026 or click [here](#).

**February 24 Deadline** - Border Latino and American Indian Summer Exposure to Research (BLAISER). Stipend. For more information click [here](#).

**February 26 Deadline** - Indian Health Service Summer 2020 Externship Program. Externships will be May 2020-August 2020. For more information click [here](#).

**February 28 Deadline** - Institute for Tribal Environmental Professionals 2020 Student Summer Internship. For more information click [here](#).

**February 28 Deadline** - Native Bar Review Scholarship For Native law students for financial assistance with bar exam preparation. For more information [click here](#).

**February 28 Deadline** - 2020 Native American Journalists Association NBC News Summer Fellowship. For more information click [here](#).

**February 28 Deadline** - Native American Military Scholarships. Must be permanent resident of Arizona and enrolled in an on campus college or university leading to a Bachelors or Master's degree. Active duty, reserve, or AZNG with 3 years or more service eligible. For information contact Col. Rob Welch, Unified Arizona Veterans (UAV) via [email](#) or check their [website](#).

**February 29 Deadline** - I.H.S. 2020 Dental Externship Program. Open to class of 2021 Dental Students. For more information click [here](#).

**February 29 - Two Spirit Pow Wow.** South Mountain Community College. Noon-5:00 p.m. Free. 7050 S. 24th Street, Phoenix. For more information call (602) 305-5643 or check the [website](#).



**February 29 - Mul-Chu-Tha Foot Races.** Sacaton Fairgrounds. For more information call (520) 562-2026.

**February 29 - 2020 Gila River Royalty Pageant.** For more information call (520) 562-9715.

**February 29 - Monument Valley Ultra Marathon.** For more information click [here](#).



**March 1 - Native Vote: Broadening the Perspective** at We-Ko-Pa Resort and Conference Center. Fort McDowell.

**March 1 Deadline** - Paid Museum Studies Internships at Indian Arts Research Center in Santa Fe. For more information check their [website](#).

**March 1 Deadline** - Native American Political Leadership Program Summer 2020 Leadership Program. George Washington University. For more information click [here](#).

**March 1 Deadline** - 2020 Vision Maker Media Short Film Production Fellowship. For more information click [here](#).

**March 2 Deadline** - PREP@UAZ is for all members of AI/AN Tribes in the US. A research program that honors indigenous perspectives to increase the diversity of Ph.D. level scientists. Application fee waivers and more. For information email [Tiffani](#).

**March 5 Deadline** - Udall Undergraduate Scholarship. For college sophomores and juniors for leadership, public service, and commitment to issues related to Native american nations or to

the environment. Expected to award 55 scholarships of \$7,000 each. For more information contact Jason at (520) 901-8564 or email [him](#). For additional information or to apply click [here](#).

**March 6-8 - 58th Annual Fair and Rodeo. Mul-Chu-Tha.** Mul-Chu-Tha Fairgrounds in Sacaton, Arizona. Carnival, food, rodeo, and more. For information click [here](#).

**March 13 Deadline** - Inter Tribal Council of Arizona Census 2020 Essay Contest. For high school, college, or university students in Arizona. For more information, click here [Application information](#) or call Millie at (602) 307-1534.

**March 7-8 - Apache Gold 2020 Intertribal Pow Wow.** San Carlos, Arizona. For more information click [here](#).

**March 17-19 - 11th Annual National Indian Health Board National Tribal Public Health Summit.** Omaha, Nebraska.

**March 20 Deadline** - Summer Research Enhancement Program of Dine' College. 10 week program designed to prepare Native American freshman and sophomore college students for careers in public health and health research. For more information click [here](#).

**March 21 - Westwood High School's 17th Annual Social Pow Wow.** Westwood Football Field, 945 West Rio Salado, Mesa. Alma School and Rio Salado in Mesa. Gourd Dance at 11:00 a.m. and 5:00 p.m. Grand Entry at 1:00 and 6:00 p.m. For information call Wayne at (480)472-4556.

**March 25-26 - 2020: New Opportunities for Urban Indian Health.** Nationals Park, Washington DC. National Council for Urban Indian Health. For more information click [here](#).

**March 31 Deadline** - Soroptimist International of Phoenix - Women Investing in Successful Education Scholarship Opportunity. For female residents of Maricopa county. For students, high school graduates or GED holder. For more information click [here](#).

**March 31 Deadline** - Governor's Youth Commission for high school sophomores, juniors, and seniors. For more information click [here](#).

**May 31 Deadline** - Valley of the Sun Cherokees Post Secondary Education Scholarship. For more information contact [them](#).

**March 28 - 25th Annual Madison NAPC Social Pow.** Madison Park School, 1431 E. Campbell, Phoenix. For information contact [them](#).

\*\*\*\*\*

### **[New Biodiversity Map Offers View of Life on Both Land and Water](#)**

By Courthouse News Service, 2/5/2020

Efforts by scientists to map out global diversity are not new, particularly as ecosystems come under increasing pressure from a combination of human development and a changing climate. But up to now, most of those efforts have focused on terrestrial biodiversity, neglecting the teeming ecosystems that thrive beneath the surface of water.

**Reminder:** Washoe County, the City of Reno and the City of Sparks are working together to bring forward a joint proposal for a new federal lands bill, the [Truckee Meadows Public Lands Management Act](#).

There are two upcoming opportunities for the public to learn more about the Lands Bill and provide input:

**Public Open House:**

**When:** Tuesday, February 18, 2020 from 4-7 p.m.

**Where:** Reno-Sparks Convention Center, 4590 South Virginia Street, Reno

**Why:** This public open house is an opportunity to come and learn more about the Lands Bill.

**Public Input Meeting:**

**When:** Thursday, February 20, 2020 from 4-7 p.m.

**Where:** Reno-Sparks Convention Center, 4590 South Virginia Street, Reno

**Why:** This meeting is an opportunity to provide specific input about the Lands Bill.

**Can't make the meetings?** The community is welcome to provide feedback on the Lands Bill via the new website, [LandsBill.org](http://LandsBill.org).

Additionally, interested individuals can sign up for email updates on the website and will be notified when new information is made available. [Click here to sign up for email updates.](#)

For questions, to review information and to provide feedback, the community is welcome to visit [LandsBill.org](http://LandsBill.org) or email: [landsbill@washoecounty.us](mailto:landsbill@washoecounty.us)

\*\*\*\*\*

**Fears for Brazil's isolated tribes as ex-missionary named to head agency**  
**(Guardian)**

\*\*\*\*\*

**Native people did not use fire to shape New England's landscape**

Our new research, published in the journal Nature Sustainability, tests this human-centric view of the past using interdisciplinary, retrospective science. The data we collected suggest, in New England, this assumption is erroneous.

**What Will the Museums of the Future Be Like?**

Help the Smithsonian's National Museum of American History by taking this brief survey to share what you'd like to see from \*your\* National Museum

**Fossil Fuel Industry Is Now 'in the Death Knell Phase': CNBC's Jim Cramer**

<https://www.ecowatch.com/fossil-fuels-jim-cramer-divestment-2645013230.html>





Earlier this week the Federal Court of Appeal dismissed six First Nations' argument that they were not meaningfully consulted about the Trans Mountain pipeline, upholding the project's approval.

**But as Reuben George of the Tsleil-Waututh Nation said while responding to the decision: "We're here together to show that this is not a done deal."**

Now is the moment to raise awareness, keep building power, and expand our cross-border movement even more. **The Pull Together campaign's new weekly webinar series is a perfect way to do that – and I'm thrilled to be a part of it.**

Every Tuesday at 5pm from Feb 11th to March 3rd, we'll get to learn together from impacted communities all along the Trans Mountain pipeline route. [Click here to RSVP for the free webinar series.](#)

## **JOIN THE WEBINAR**

**This free webinar series is a special opportunity to hear from some of the most committed leaders in the climate movement**, with decades of experience organizing for social change and against tar sands. Throughout the series, you'll follow the bitumen from the tar sands "Ground Zero" all the way to frontline communities taking the Trans Mountain pipeline to court, and then down to California where I am, working with residents opposing proposals to dredge the San Francisco Bay to accommodate supertankers. [Make sure you RSVP now to save your spot.](#)

**Here are some of the amazing speakers lined up so far:**

February 11: Eugene Kung from West Coast Environmental Law will speak to the legal challenges communities have launched against the pipeline and the impacts of cases like these in Canada.

**February 18: Kayah George** will be speaking as a Tsleil-Waututh and Tulalip Tribes youth on how her community has been organizing, the impacts of super tankers on the Salish Sea, and language and culture.

**February 25: Anjali Appadurai** of Sierra Club BC and the Padma Centre for Climate Justice will be speaking on the global climate justice movement, and this pipeline's impact on Canada's commitments on greenhouse gas emissions and the global South.

**March 3: Me, Isabella Zizi!** (with Stand.earth, the Protect the Bay Coalition and Idle No More SF Bay). I'll be speaking about the impacts of the Trans Mountain pipeline and tankers down in California: the plan to dredge San Francisco Bay to make room for more supertankers, the impacts of the refinery expansion, and what resistance looks like where I live.

**Date TBC: Eriel Deranger** is a Dēnesųłiné woman (ts'ékui), member of the Athabasca Chipewyan First Nation and the Executive Director of Indigenous Climate Action. She will speak on the connections between Teck's proposed Frontier tar sands mine and the Trans Mountain project, what tar sands extraction means for her community, and resistance.

With over 400 people registered so far, you won't want to miss out. [Register for the Pull Together webinar series now.](#)



**The Trans Mountain pipeline may begin in Alberta – but its impacts are far reaching,** connecting communities all the way from Burnaby to the San Francisco Bay. This webinar series will show the power of those fighting for the land, water, and climate against this multibillion dollar project, and discuss how you can join forces with Indigenous leaders, legal experts and youth activists to stop the Trans Mountain pipeline once and for all.

Looking forward to going on this journey together,  
Isabella Zizi, Climate Campaigner and Bay Area resident, Stand.earth

\*\*\*\*\*

**'I feel the history'** Stewart Indian School converted into museum to remember dark past [Reno Gazette-Journal](#)

**National Environmental Justice Advisory Council Public Meeting with  
Teleconference Option  
February 25 - 27, 2020 in Jacksonville, Florida**

The U.S. Environmental Protection Agency's National Environmental Justice Advisory Council (NEJAC) will convene a public meeting with a teleconference option.

The public meeting begins with a public comment period on Tuesday, February 25, 2020, starting at 6:00 p.m., Eastern Time. The meeting continues on February 26 and 27 from 8:00 a.m. - 6:00 p.m., Eastern Time. Members of the public are encouraged to provide comments in writing or verbally during the public comment period on Tuesday evening.

The meeting on Wednesday and Thursday will focus on topics that include environmental justice issues of communities in Florida and the southeastern United States; discussion and deliberation of a charge related to the reuse and revitalization of Superfund and other contaminated sites; and the resiliency of communities following natural disasters, particularly communities in the southeastern United States and the Caribbean.

The Federal Environmental Justice Interagency Working Group (EJIWG) will host the EJ and Natural Disasters Focus Group Meeting on Tuesday, February 25, from 3:00 p.m. - 5:30 p.m., Eastern Time.

The meeting is open to the public and there is no cost to attend.

**Registration:**

- Pre-registration is recommended to attend in person (<https://nejac-february-2020-in-person-option.eventbrite.com>)
- Pre-registration is required to participate by phone (<https://nejac-february-2020-teleconference-option.eventbrite.com>)

Registration will close on February 19, 2020, at 11:59 p.m., Eastern Time.

**Meeting Location:** The meeting will be held at the Omni Jacksonville Hotel, 245 Water Street, Jacksonville, FL 32202.

**Questions:** Please contact Karen Martin at [nejac@epa.gov](mailto:nejac@epa.gov) or 202-564-0203. For more information on the NEJAC: <https://www.epa.gov/environmentaljustice> To learn about the Public Comment Guidelines, visit: <https://www.epa.gov/environmentaljustice/national-environmental-justice-advisory-council-guidelines-public-comment>

\*\*\*\*\*