



# FULL CIRCLE



Newsletter for Tribes

Waste Management & Tribal Response

## Institute for Tribal Environmental Professionals



NORTHERN ARIZONA  
UNIVERSITY

Tribal Solid Waste Education and Assistance Program  
Tribal Waste and Response Assistance Program

January/February 2018 Vol.10, Issue 1

### Welcome to Full Circle Newsletter

#### 2018 Tribal Lands and Environment Forum

Do you have a story to share? We are looking for Tribal Case Studies involving solid waste, brownfields, USTs, Superfund, emergency response, habitat restoration, and/or Tribal water programs! We are currently accepting proposals for breakout sessions and trainings at this year's TLEF. The deadline is May 4 so get your proposal in soon!

Not quite ready to present at the TLEF? Then share your story at the Multi Media Meetup! This is an excellent opportunity for you to do a poster presentation or demonstration of a unique project your Tribe is engaged in.

Visit [http://www7.nau.edu/itep/main/Conferences/confr\\_tlef](http://www7.nau.edu/itep/main/Conferences/confr_tlef)

#### ■ ITEP's Waste and Response Team Welcomes Riley Smith

Many of you already know Riley Smith, ITEP's newest Program Coordinator. Several years ago Riley came to Flagstaff in order to complete a Master of Science degree in biology, with an emphasis on water contaminants and endocrine disruptors, and in 2015 she worked with ITEP over the summer helping with the development and delivery of that year's Tribal Lands and Environment Forum (TLEF). She came back again to help with the TLEF over the next two years and at the end of 2017 it was our great fortune to hire her full time!

Riley was raised in the San Francisco Bay Area, California, and is of Shoshone-Bannock and Japanese descent. She earned degrees in Indigenous studies (BA) and marine ecology (BS) at San Francisco State University. Her past work includes caring for injured wildlife at the Marine Mammal Center, researching population dynamics of bioindicator sea-star species at the Romberg Tiburon Center for Environmental Studies, and comparing pesticide effects on ecosystem services provided by amphibians in Filipino rice paddies. In addition to her deep interest in protecting our waters and lands, Riley is also very passionate about cultural preservation and utilizing traditional knowledge for solutions to environmental issues.

Welcome aboard Riley! We're thrilled to have you on our team.

#### Meet Our Staff:

Todd Barnell, Program Manager, TSWEAP and TWRAP  
[Todd.Barnell@nau.edu](mailto:Todd.Barnell@nau.edu)

Julie Jurkowski, Program Coordinator Sr, TSWEAP and TWRAP  
[Julie.Jurkowski@nau.edu](mailto:Julie.Jurkowski@nau.edu)

Riley Smith, Research Assistant, TSWEAP and TWRAP  
[Riley.Smith@nau.edu](mailto:Riley.Smith@nau.edu)

Jennifer Williams, Program Coordinator Sr, TWRAP  
[Jennifer.Williams@nau.edu](mailto:Jennifer.Williams@nau.edu)

■ **Full Circle Network**  
Did someone forward this newsletter to you? Send an email to Todd Barnell to subscribe or unsubscribe to the newsletter. Archived issues can be found at:  
[www7.nau.edu/itep/waste](http://www7.nau.edu/itep/waste)



### ■ **Wishing Katie Kruse All the Best As She Begins a New Adventure**

Katie Kruse, environmental specialist with the Keweenaw Bay Indian Community (KBIC), has been an exceptionally active and valued member of the TWRAP Steering Committee since its inception in 2008. As a member of the committee Katie was a true leader, reaching out to other tribal professionals across the country, serving as both vice-chair and chair of the committee, and helping create the TWRAP Steering Committee Priority Document, that has been developed annually ever since. She was a very active member, and her passion and dedication for serving all tribes helped shape the committee into the organization it is today.

Katie has been named the first Tribal and Environmental Justice Liaison with the Michigan Department of Environmental Quality – and we know she will bring the same passion and dedication to this position that she brought to her work with BIC and the TWRAP Steering Committee. Thanks for all you do, and continue to do, Katie. We wish you the best and will miss you!



Katie doing what she does best – sharing her knowledge with others

### ■ **Upcoming Webinars and Trainings**

In addition to several new ITEP trainings and online courses (which you can view here: [http://www7.nau.edu/itep/main/Training/training\\_waste](http://www7.nau.edu/itep/main/Training/training_waste)) following are some other trainings, webinars, and educational activities of interest.

Navigating the NEW EPA UST Rules on Indian Lands: What You Need to Know. February 13, 2018. 9:00-10:00 AM PST. This free one-hour webinar from UST Training and hosted by ITEP

is a down-to-earth explanation of the 2015 US EPA UST rules and how they affect UST operators in Indian Country. Basically: What the rules mean, what's new and different and how to get ready today.

Registration URL: <https://attendee.gotowebinar.com/register/7373367145239377923>

Webinar ID: 370-522-115

Third Annual Emergency Management Workshop. April 3-5, 2018 at the University of Nebraska at Omaha (**please see the flyer attached to this email for more information!**). RSVP and direct all questions to Sarah Krafka at [skrafka@unomaha.edu](mailto:skrafka@unomaha.edu).

Remediation Management of Complex Sites Online Training. February 6, 2018. 1:00-3:15PM EST. ITRC online training: <http://www.itrcweb.org/>

### ■ **Will China's crackdown on 'foreign garbage' force wealthy countries to recycle more of their own waste?**

In July 2017 China, which is by far the world's largest importer and recycler of scrap metals, plastic and paper, notified the World Trade Organization that it planned to effectively ban imports of 24 types of scrap, which its environment ministry called "foreign garbage," by the end of the year. Immediately, organizations such as the U.S.-based Institute of Scrap Recycling Industries and the Bureau of International Recycling warned that China's action would shut down many U.S. recycling facilities and send more waste to landfills. Read more at <https://www.hongkongfp.com/2017/12/24/will-chinas-crackdown-foreign-garbage-force-wealthy-countries-recycle-waste/>

### ■ **More than 300 Toxic Superfund Sites Threatened by Climate Change**

Climate change may put as many as 327 Superfund sites at risk, the Associated Press found. If these sites get flooded, toxic contamination could be released. Nearly 2 million people live in areas that could be impacted by these leaks. Read more at <https://weather.com/science/environment/news/2018-01-02-superfund-sites-climate-change-risk-ap>

### ■ **Understand Exposures and Monitor Healthy**

Collecting saliva may be a practical alternative to blood for characterizing a person's exposures, according to new research from the Superfund Research Program (SRP) Center at the University of California (UC), Berkeley. The researchers found that saliva contains a rich set of molecular information that can be used to construct individual exposure histories and discover risk factors for chronic diseases. Read more at [https://tools.niehs.nih.gov/srp/researchbriefs/view.cfm?Brief\\_ID=277](https://tools.niehs.nih.gov/srp/researchbriefs/view.cfm?Brief_ID=277)

### ■ **Environmental Justice Collaborative Problem Solving Cooperative Agreement Funding**

The FY 2018 EJ Collaborative Problem-Solving solicitation is now open! Ten awards will be made (one award per region) in amounts of up to \$120,000 per award for a two-year project period. Cooperative agreements will be awarded to local community-based organizations, tribes, and tribal organizations seeking to address environmental and public health concerns in local underserved communities through collaboration with other stakeholders, such as local businesses and industry, local government, medical providers, and academia. Deadline

2/16/2018

<https://www.epa.gov/environmental-justice/environmental-justice-collaborative-problem-solving-cooperative-agreement-0#tab-2>

### ■ **2018 Alaska Forum on the Environment**

In the past five years, AFE has offered technical sessions on a diversity of environmental issues such as; energy issues, alternative energy sources for rural villages, CERCLA, subsistence hunting, fishing, and gathering on federal lands, biological studies, bioterrorism, effects of climate change, Alaska Native Claims Settlement Act, Solid Waste, Brownfields, military environmental restoration, and tribal and federal government-to-government policies. February 12-16, 2018. Anchorage, AK. <http://www.akforum.org/>



**Find Us On Facebook!**

➔ [www.facebook.com/ITEPnau](http://www.facebook.com/ITEPnau)

### **Learn more...**

#### ➔ **[Tribal Waste and Response Assistance Program \(TWRAP\)](#)**

**TWRAP is a program focused on assisting tribes with all waste management, brownfields, USTs, contaminated sites, and response programs. This program is funded by the USEPA's Office of Land and Emergency Management.**

#### ➔ **[Tribal Solid Waste Education and Assistance Program \(TSWEAP\)](#)**

**TSWEAP's focus is providing training and assistance to tribes working on solid and hazardous waste management and diversion. This program is funded by the USDA, IHS, and USEPA.**