

Tribal Lands and Environment Forum

A National Conversation on Tribal Land and Water Resources

August 19-22, 2019
Palm Springs, California



The **Pan'ul** (Whipple Yucca) - young stalks are utilized to make flour, while the young blossoms can be eaten fresh or dried for later use.

Conference Booklet



The Institute for Tribal Environmental Professionals (ITEP) and the Tribal Waste and Response Steering Committee (TWAR SC) are proud to bring you the 2019 Tribal Lands and Environment. This event is made possible by a grant from the US Environmental Protection Agency's Office of Land and Emergency Management (OLEM).

Thank You to All the Local Tribes Who Assisted Us This Year!

The Tribal Lands and Environment Forum Team would like to sincerely thank our colleagues at the Agua Caliente Band of Cahuilla Indians, La Jolla Band of Luiseño Indians, Morongo Band of Mission Indians, Pala Band of Mission Indians, Pechanga Band of Luiseño Indians, Soboba Band of Luiseño Indians, Twenty-Nine Palms Band of Mission Indians, and Torres Martinez Desert Cahuilla Indians for all they did to help ITEP and the Tribal Waste and Response Steering Committee this year.

Their assistance proved invaluable in hosting several outstanding field trips, and participating in special events. Their generosity and knowledge have added a great deal to this year's TLEF. We sincerely appreciate their warm hospitality!



Morongo Band of Mission Indians





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About the Tribal Lands and Environment Forum

The 2019 Tribal Lands and Environment Forum (TLEF) is a joint effort between the Institute for Tribal Environmental Professionals (ITEP), the Tribal Waste and Response Steering Committee (TWAR SC), and US EPA's Office of Land and Emergency Management (OLEM). This is the ninth annual forum for environmental professionals from Tribes, US EPA, State/Local/Federal agencies, community organizations, and other interested parties to meet, share knowledge and learn from one another how to improve management and protection of tribal lands and human health.

Registration

The Forum Registration table is available Sunday from 4:00 pm to 6:00 pm, Monday 6:30 am to 6:00 pm, and Tuesday from 7:00 am to 1:30 pm, in the Renaissance Ballroom Foyer. Attendees were asked to sign up in advance for field trips; however, sign-up sheets will be available for those field trips with space available.

Refreshments

Light refreshments will be provided in the mornings and afternoons of Tuesday through Thursday. (Morning refreshments only will be offered on Monday.) Refreshments will be located with the exhibitors in the Renaissance Ballroom Foyer.

Raffle

Each attendee will receive one ticket when they register at the desk. Drawings will take place at the registration desk on Tuesday and Wednesday at noon. Winning numbers will be written up on the message board, so be sure to stop by the registration desk to see if you've won. A final raffle drawing will take place during the closing plenary on Thursday afternoon.

Photographs and Video

Photographs and video will be taken during this publicly-sponsored event. They will be used for outreach by ITEP in the form of publications, websites, brochures, and other media.

Website for Conference Materials

After the conference, please visit ITEP's Tribal Lands and Environment Forum website (www.nau.edu/tlef) to download presentations and other materials from the TLEF.

Evaluations

Evaluations will be conducted online after the forum. Information will be emailed to attendees after the TLEF.

Emergency Information

In case of an emergency, call 911. Please report any injuries or medical conditions that arise due to use of the facility to event staff immediately. The nearest IHS Clinic is the Riverside-San Bernardino County Indian Health, Inc. (Banning) at 11555 ½ Potrero Road; Ph: 951-849-4761 or www.rsbcih.org or the Eisenhower Urgent Care – Palm Springs – Sunrise at 151 South Sunrise Way; Ph: 760-969-7780 (closes at 7pm).

Shuttles and Ride-Sharing

Airport shuttle services for the Palm Springs International Airport are available according to the schedule at the Palm Springs Renaissance Hotel (760-322-6000). If you require transportation to other area airports or locations, please see the Ride-sharing Board near the registration desk.

Lost and Found

The lost and found for TLEF participants is located at the registration desk in the main ballroom foyer. Should you find items that do not belong to you (e.g. cell phones in a bathroom), please take them to the registration desk. If you have lost any items, please check with the registration desk. All lost items will be surrendered to the Palm Springs Renaissance upon load out/final of the Forum. Thank you for your assistance.

Courtesy Request

Please wear your nametag at all times, silence all electronic devices during sessions, bring optional layered clothing for varying temperatures in the event space, arrive on-time for sessions, and quietly leave functions for calls, etc. Be respectful of other attendees' viewpoints and opinions. Event staff reserve the right to remove any attendee from the event at their discretion.



The Agua Caliente Band of Cahuilla Indians

Cultural History

Since time immemorial, the Palm Springs area has been home to the Agua Caliente Band of Cahuilla Indians for generations. Archaeological research has discovered that the Cahuilla have occupied Tahquitz Canyon for at least 5,000 years, mirroring the migration stories of the Cahuilla people.

The Cahuilla Indian name for the Palm Springs area was Sec-he (boiling water); the Spanish who arrived named it Agua Caliente (hot water). And then came the name "Palm Springs" in reference to both the native *Washingtonia filifera* palm tree and the Agua Caliente Hot Mineral Spring. The Hot Spring waters provided the Cahuilla with clean water, a place for bathing, and a connection point with a spiritual underworld populated by nukatem, or ancient sacred beings. The hot spring waters were also utilized for healing purposes. The ceremonial life of the Cahuilla was a rich one. Elaborate ceremonies marked every important milestone in life. Today, remnants of the traditional Cahuilla society exist such as rock art, house-pits and foundations, irrigation ditches, dams, reservoirs, trails, and food preparation areas, which still exist in the canyons.

Crops in the Agua Caliente area were irrigated by water from nearby streams. Remnants of these rock-lined irrigation ditches from Tahquitz, Andreas, and Chino Creeks are still visible in areas untouched by development. Archival documentation from the mid-1880s tells of elderly Indians memories of parents working on these ditches when they were very young.

Women of the band were responsible for gathering all of the plants that were used for food. Some of the basic food plants were acorns, mesquite beans, seeds of all kinds, wild fruit, agave and yucca. In addition, the Cahuilla had an extensive trade system with neighboring tribes. Food, shells, animal and mineral products were traded with the tribes of the surrounding areas.

Establishment and History of the Agua Caliente Reservation

On May 15, 1876, Section 14 and a portion of Section 22 (Tahquitz Canyon) were set aside by Executive Order of President Ulysses S. Grant as the Agua Caliente Indian Reservation. Later, in 1877, President Hayes extended it to cover the even numbered sections in three townships, which totaled some 30,000+ acres. All of the land was tribally-owned. The Government had previously given the odd-numbered sections to the railroad in the early 1870s as an incentive to build a cross-country rail line. On January 12, 1891, the US Congress passed the Mission Indian Relief Act, authorizing allotments from the acreage comprising the Reservation. However, more than 50 years passed before the allotment elections were approved by the Secretary of the Interior. An allotment is a land parcel owned by a Tribal Member. The Equalization Act of September 21, 1959 finalized the individual Indian allotments. On a combined basis, the Tribe and its members currently represent the largest single land owner in Palm Springs.





About ITEP

The Institute for Tribal Environmental Professionals



The Institute for Tribal Environmental Professionals (ITEP) was created to act as a catalyst among tribal governments, research and technical resources at Northern Arizona University (NAU), various federal, state and local governments, and the private sector, in support of environmental protection of Native American natural resources. ITEP was established at NAU in 1992, and accomplishes its mission through several programs.

Tribal Waste and Response Assistance Program (TWRAP):

TWRAP provides training and assistance to tribes in the areas of concern such as solid waste, brownfields, contaminated sites, hazardous materials, underground storage tanks, and emergency response. TWRAP also coordinates special onsite mentor matches for Tribal Superfund and UST programs.

Tribal Solid Waste Education and Assistance Program (TSWEAP):

TSWEAP is dedicated to providing tribal professionals working in the field of solid waste with trainings, technical assistance, peer-to-peer matching, and on-site mentoring opportunities. Assistance is provided with developing and implementing Tribal Integrated Solid Waste Management Plans, Tribal solid waste codes, and a variety of source reduction and waste diversion strategies.

Climate Change:

ITEP has developed a resource and training program to address tribal climate change issues. ITEP's efforts strive to help tribes to better understand climate change and to develop strategies for dealing with changing climate patterns through adaptation and mitigation, and emphasizes both science and traditional knowledge.

NEIEN:

ITEP is working with the Tribal Governance Group (TGG) and US EPA's Office of Environmental Information (OEI) to support tribal involvement in the National Environmental Information Exchange Network (NEIEN or "Network"). The NEIEN is a collaborative endeavor that strives to support better environmental decisions through improved exchange of, and access to, environmental data and information. This effort will focus on expanding tribal participation in the NEIEN, which is guided by representatives from States, Territories, Tribes, and US EPA. ITEP will work with tribes to facilitate a unified tribal voice amongst the NEIEN partners, and identify ways to help foster projects and initiatives that are both relevant and sustainable for tribes.

Education and Outreach:

The purpose of the Environmental Education Outreach Program (EEOP) is to interest Native American students in environmental careers and to assist schools in improving environmental science literacy.

National Tribal Water Council:

The NTWC was established to advocate for the best interests of federally-recognized Indian and Alaska Native Tribes, and Tribally-authorized organizations, in matters pertaining to water. It is the intent of the NTWC to advocate for the health and sustainability of clean and safe water, and for the productive use of water for the health and well-being of Indian Country, Indian communities, Alaska Native Tribes and Alaska Native Villages.

Air Quality:

ITEP's American Indian Air Quality Training Program (AIAQTP) provides training and educational outreach for tribal environmental staff all over the United States, including Alaska. The various projects and services provided by AIAQTP include: Assisting in the building of tribal capacity for air quality management; Providing high-quality, up-to-date training that is immediately relevant to tribes; Enhancing communication skills to promote collaboration and networking.

Tribal Air Monitoring Support (TAMS) Center:

One of the key components of ITEP's air quality program is the TAMS Center which was created through a partnership between tribes, ITEP and the US EPA. It is the first technical training center designed specifically to meet the needs of tribes involved in air quality management and offers an array of training and support services to tribal air professionals.

About TWRAP and the TWAR SC



The Tribal Waste and Response Assistance Program (TWRAP)

Since 2008 ITEP has worked in cooperation with the US EPA's Office of Land and Emergency Management (OLEM) on the Tribal Waste and Response Assistance Program (TWRAP). The activities of this program include:

- Working with the TWAR Steering Committee, a Tribal Partnership Group composed of tribal professionals working in the fields of waste management, contaminated sites (including Superfund and federal facilities), Underground Storage Tanks, brownfields, and emergency response programs. This steering committee works closely with ITEP on all tasks associated with this program, and ensure a two-way communication between tribes and OLEM.
- Delivering the annual Tribal Lands and Environment Forum, as well as special trainings. You are at the ninth Forum and we hope you find it interesting and useful!
- Working with the Tribal Superfund Working Group, by coordinating national conference calls, developing special online resources to assist tribal professionals working on Superfund-related issues, and conducting special trainings at Superfund sites affecting tribal lands.
- Conducting ongoing outreach to tribes, through our listserv, the bi-monthly e-newsletter *Full Circle*, and by developing special online resources and mentoring opportunities, including our onsite mentoring project.

The Tribal Waste and Response Steering Committee (TWAR SC)

Since 2009, ITEP has been assisted in our work by the national Tribal Waste and Response (TWAR) Steering Committee. Through in-person meetings, conference calls, and attendance at ITEP events, committee members make sure that both ITEP and OLEM are aware of tribal priorities and concerns. To this end they produce an annual Priority Document that is shared with the National Tribal Caucus and senior management at US EPA. Steering committee members also serve as instructors at ITEP courses, work as mentors to other tribal professionals, provide feedback to ITEP and OLEM on program activities, and make this Forum possible! Thank you to all the steering committee members – past and present – for all their hard work.

- Victoria Flowers, Oneida Nation
- Quinton Jacket, Ute Mountain Ute
- Mark Junker, Sac and Fox Nation of Missouri in Kansas and Nebraska (chair)
- Virginia LeClere, Prairie Band Potawatomi Nation
- Page Hingst, Santee Sioux Nation
- Tracy Horst, Choctaw Nation
- Rob Roy, La Jolla Band of Luiseno Indians
- Rebecca Stevens, Coeur d'Alene Tribe (vice chair)
- John Wheaton, Nez Perce Tribe





Agenda ~ At a Glance

Monday, August 19: Training Sessions and Field Trips

Monday Lunch: 12:00 pm to 1:00 pm	Dates Restaurant in the Renaissance Hotel is offering a special “per diem” lunch special for TLEF attendees on Monday only!
Santa Rosa	8:00 am to 5:00 pm: Indigenous Planning & Mapping: Community Engagement Tools And Strategies For The Brownfields Redevelopment Process
Smoketree D/E	8:00 am to 3:00 pm: UST Training and Site Visit
Smoketree F	1:00 pm to 5:00 pm: Incorporating Climate Change Impacts and Adaptation Considerations and Natural Resource Damage Assessment and Restoration at Superfund Sites
San Jacinto	8:00 am to 12:00 pm: Wetland Program Training Overview for United South and Eastern Tribal Nations
San Jacinto	1:00 pm to 5:00 pm: Establishing and Enhancing a 128(a) Tribal Response Brownfield Program
Mojave Learning Center	1:00 pm to 5:00 pm: Strengthening Tribal Self-Determination and Self-Governance
Pueblo A/B	8:00 am to 5:00 pm: Clean Water Act Assessment Training
Chino A/B	8:00 am to 5:00 pm: Environmental Health and Land Reuse Training (This training continues through Tuesday morning)
Field Trips: Meet hosts in the Renaissance Hotel Lobby at least 15 minutes before your trip	7:30 am to 5:00 pm: Transfer Stations at Pala Band of Mission Indians & La Band of Luiseno Indians 7:30 am to 4:30 pm: Salton Sea Tour 8:00 am to 5:00 pm: Sustainability and Waste Management Projects at Pechanga Band of Luiseno Indians

Tuesday Morning, August 20: Training Sessions and Field Trips

Santa Rosa	8:00 am to 12:00 pm: Developing Tribal-EPA ETEPs for Environmental Protection
Smoketree D/E	8:00 am to 12:00 pm: Lead Awareness in Indian Country: Keeping Our Children Healthy
Smoketree F	8:00 am to 12:00 pm: Successful Redevelopment of Superfund Sites on Tribal Lands: Tools & Support + Roundtable
San Jacinto	9:00 am to 12:00 pm: Data vs. Information: Making the Exchange Network Work for Tribes
Mojave Learning Center	8:00 am to 12:00 pm: Database & Mapping Techniques For Inventorying Sites, Tracking Cleanup & Redevelopment Progress, and Community Engagement (Hands On!)
Pueblo A/B	8:00 am to 12:00 pm: Spill Prevention and Counter Control Measures
Chino A/B	8:00 am to 12:00 pm: Environmental Health and Land Reuse Training (Continued from Monday)
Field Trips: Meet hosts in the Renaissance Hotel Lobby at least 15 minutes before your trip	8:00 am to 12:00 pm: Soboba Band of Luiseno Indians' Walking Tour of Solar Project 8:00 am to 12:00 pm: Agua Caliente Band of Cahuilla Indians' Indian Canyon Visit 8:00 am to 12:00 pm: Morongo Band of Mission Indians' Waste Diversion Programs

Agenda ~ At a Glance



Tuesday Afternoon, August 20: Opening Plenary

1:30 PM-3:00 PM

California Grand Ballroom

Native ROTC Color Guard
 Invocation by John Wheaton, Nez Perce Tribe and TWAR SC Member
 Welcoming remarks by Agua Caliente Band of Cahuilla Indians Representative
 Ann Marie Chischilly, Executive Director of ITEP
 Mark Junker, Sac and Fox Nation of Missouri in Kansas and Nebraska and Chair of the TWAR SC
 Ken Norton, Hoopa Valley Tribe and Chair of the National Tribal Water Council
 Peter Wright, Assistant Administrator of OLEM US EPA

Performance by the Agua Caliente Band's Bird Singers
 Remarks by Mike Stoker, Regional Administrator, US EPA Region 9
 Video welcome by US Representative Deb Haaland

Tuesday Afternoon, August 20: Breakout Sessions

3:30 PM-5:00 PM Break-Out Sessions

Santa Rosa	Beginning a Curbside and Hub and Spoke Recycle Program AND Collecting and Managing Recycling Data
Smoketree D/E	The ABC's of UST AND What's Wrong with this Picture?
Smoketree F	The Partnership Between Tribes and EPA's Emergency Response Program: Case Studies from Region 9
San Jacinto	Preparing Competitive Grant Proposals: 104(k) Brownfield & Other Funding
Mojave Learning Center	General Outreach Tips & Tricks for Environmental Programs AND DISC: A New EPA Application to Enhance Sustainability and Resilience of Communities
Pueblo A/B	Developing Tribal Water Quality Standards as a First and Critical Step Toward Tribal Environmental Self-Determination
Chino A/B	ATTAINS for Tribal Assessment Reporting AND The National Aquatic Resource Surveys: Assessing the Nation's Water through a National Partnership

Wednesday Morning, August 21: Breakout Sessions

8:30 AM-10:00 AM Break-Out Sessions

Santa Rosa	Raising Environmental Awareness Through Community Outreach
Smoketree D/E	UST Program Updates and Future Directions AND Characteristics of UST Cleanups in Indian Country
Smoketree F	Indigenous Response to Transboundary Smelter Contamination
San Jacinto	Brownfields Inventory Tool (BIT) and EPA ACRES Database AND Overview of Tribal Exchange Network Projects & Tools
Mojave Learning Center	Don't Let the Sun Go Down: Originating, Conceiving and Implementing PV Solar Power Projects on Tribal Lands
Pueblo A/B	EPA Tribal Listening Session: Updates on Office of Water Regulatory Efforts
Chino A/B	PFAS, Toxic Consumer Products, and Tribal Risks and Concerns

SPECIAL WEDNESDAY EVENTS

Presentation & Luncheon: with **Ta'Kaiya Blaney** (see page 24)
 Evening Cultural Event: (see page 28)



Agenda ~ At a Glance

Wednesday Morning, August 21: Breakout Sessions

10:30 AM –12:00 PM: Break-Out Sessions

Santa Rosa	Recycling and the Materials Economy: Making Recycling Work for You
Smoketree D/E	UST Implementation: Successes and Challenges
Smoketree F	Superfund Case Study: Shoshone Bannock Tribes
San Jacinto	Successful Tribal Brownfields Programs
Mojave Learning Center	Learn the Basics: Start Your Pollinator Protection Plan to Protect Tribal Natural Resources
Pueblo A/B	Groundwater Monitoring on the 29 Palms Reservation AND The Southern California Tribal Stream Team: Working Together for Water Quality Assessment
Chino A/B	Applying for Treatment in a Similar Manner as States (TAS) and Implementing a Tribal 303(d) Program AND Addressing EPA's Proposed Rule Under CWA Section 401

Wednesday Afternoon, August 21: Breakout Sessions

1:30 PM-3:00 PM: Break-Out Sessions

Santa Rosa	From Trash to Treasure
Smoketree D/E	Compliance Assistance Officers and Federal Inspector: Credentials for USTs in Indian Country AND Gas Stations in Indian Country: Economic Opportunity, Environmental Liability and an Exercise in Sovereignty
Smoketree F	Remediation at the Tar Creek Superfund Site AND Remedies: To Defer Or Not To Defer?
San Jacinto	Roundtable and Listening session with US EPA HQ/ Tribal Brownfields Forum
Mojave Learning Center	Land, Water & Air: Tribal Resilience Planning in the Face of Climate Change
Pueblo A/B	National Tribal Water Council Information Sharing & Listening Session
Chino A/B	Successful Tips and Suggestion for Applying for EPA Competitive Grants AND How You Can Use E-Enterprise To Make Efficiencies In Your Environmental Program

Wednesday Afternoon, August 21: Multi Media Meetup

3:30 PM-5:00 PM: Renaissance Ballroom Foyer

Information tables, demonstrations, and poster presentations will be available for you; see page 27 for more information.

Thursday Morning, August 22: Breakout Sessions

8:30 AM-10:00 AM: Break-Out Sessions

Santa Rosa	Solid Waste Code Writing for Tribal Environmental Professionals
Smoketree D/E	Hits and Misses: Region 7 Experiences with the October Deadline of the 2015 UST Rules
Smoketree F	Tribal Superfund Working Group Discussion on National Issues
San Jacinto	Emergency Management Case Study; 29 Palms Band of Mission Indians
Mojave Learning Center	Using Unmanned Aerial Vehicles (Drones) for Surveying and Inventorying Brownfields and Other Tribal Lands
Pueblo A/B	US EPA's Decentralized Wastewater Program AND Regulatory Challenges of the Navajo Gallup Water Supply Project
Chino A/B	Using CWA 319 Funds for Invasive Species Removal on Your Reservation AND Engaging Communities on Water Through Arts and Culture

Agenda ~ At a Glance



Thursday Morning, August 22: Breakout Sessions

10:30 AM-12:00 PM: Break-Out Sessions

Santa Rosa	Building a Tribal Compost Program From the Ground Up AND Developing a Small-Scale Composting Operation at Elk Valley Casino
Smoketree D/E	Tribal Case Study of a UST Cleanup: Saginaw Chippewa Indian Tribe of Michigan AND Site Characterization and Remedial Design: The Struggle Is Real
Smoketree F	Tribal Superfund Working Group Talking Circle
San Jacinto	The Northern Cheyenne Tribe's Brownfields Program: Addressing Community Challenges AND Coachella Crossroads: A Brownfields Case Study
Mojave Learning Center	Revised GAP Guidance Information Session
Pueblo A/B	Implementation of 3Ts Lead in Tribal Schools Sampling Programs
Chino A/B	"Surviving the Perfect Storm" AND PBPW Wetlands: The 1st Tribal Wetlands Restoration Easement Contract in Kansas and One of Few Nationwide

Thursday Afternoon, August 22: Breakout Sessions

1:30 PM-3:00 PM: Break-Out Sessions

Santa Rosa	Providing Household Hazardous Waste Assistance to New Mexico Pueblos and Tribes AND Solid Waste and Household Hazardous Waste Tracking Methods and Forms
Smoketree D/E	Emerging Issues and Trends in Fueling Systems: Observations and Solutions
Smoketree F	Area Planning for Oil Spills: How To Be Involved AND Leveraging Authorities: Tribal Response to a Train Derailment and Spill
San Jacinto	Leveraging Brownfields to Build Tribal Resilience
Pueblo A/B	Success Stories: How To Highlight Tribal Work Reducing Nonpoint Source Pollution AND A Journey of 1,000 Miles: Fire, Water and Earth on Santa Clara Pueblo
Chino A/B	Watershed Planning and Implementation: Using the Watershed Approach in Your Nonpoint Source Program

Thursday Afternoon, August 22: Closing Plenary

3:30 PM-5:00 PM: California Grand Ballroom

3:30 – 4:00 pm	Final raffle, closing remarks, refreshments
4:00 – 5:00 pm	Special presentation on Big Horn Sheep Conservation by Staff from the Agua Caliente Band of Cahuilla Indians





Detailed Agenda ~ Monday, August 19

Time	Topic	Location
8:00 am – 5:00 pm	Indigenous Planning & Mapping: Community Engagement Tools And Strategies For The Brownfields Redevelopment Process	Santa Rosa
Details: This three-part training session will provide easy-to-use methods that tribal professionals can use to successfully engage their community around environmental and land use topics. It will entail an Indigenous Planning 101 presentation, demographics work session and community mapping workshop that will require participants to use their laptops to work with census.gov datasets, Microsoft Excel, and Google Earth Pro (its free), respectively. Instructors: Theodore Jojola, Michaela Shirley, Cynthia Annett, Blasé Leven, KSU Tribal TAB		
8:00 pm – 3:00 pm	UST Training and Field Trip	Smoketree D/E
Details: Attendees will meet in Smoketree D/E for an important safety session, and then depart for the field trip. During this field trip, we will be doing a "mock" inspection and walk-through to demonstrate what parts of a fueling system should be routinely checked during required walk-throughs, annual functionality tests and other inspection requirements. We will depart for our location at 8:00 am and return to the Renaissance around noon. We will then move into the classroom for some additional conversation and demonstration. During the field trip, we will break into three different groups that rotate through a tank top inspection, dispenser inspection, and a review of the ATG and record keeping requirements. Notes for Attendees: You will be required to wear closed toed shoes for this field trip. This is Palm Springs in August: Please bring water as it will be hot outdoors. Instructors: Victoria Flowers, Oneida Nation and TWAR Steering Committee member; Mike Arce, Oneida Nation; Jeff Dzierzanowski, Source NA; and Ben Thomas, UST Training		
8:00 am – 5:00 pm	Clean Water Act Assessment Training	Pueblo A/B
Details: The assessment session will teach tribes about Water Quality Standards, how they are used to assess against monitored data, and how to report water quality results. Tribe's will participate in presentations and exercises to demonstrate concepts. Instructors: Laura Shumway and Tom Gardner, US EPA		
8:00 am – 5:00 pm	Environmental Health and Land Reuse Training	Chino A/B
Details: The Environmental Health and Land Reuse Certificate Program (EHLR) is co-produced by the Agency for Toxic Substances and Disease Registry (ATSDR) and the National Environmental Health Association. We created the EHLR Certificate to provide environmental or health professionals the information, procedures, and resources needed to identify, cleanup, and redevelop land reuse sites with a goal of improving a community's overall health. During this group of interactive sessions, participants will complete a 5-module EHLR training, which will include exercises in community engagement tools, "mock" environmental site assessment, message mapping to communicate environmental or health risks, healthy community design, and evaluation of environment and health change. Participants who successfully complete all modules will receive a Certificate of Completion in EHLR from the National Environmental Health Association and are eligible for continuing education units from ATSDR. Please note: This is a 12 hour training and continues on Tuesday morning. Instructors: Laurel Berman, Randal Bernthal, Leann Bing, Sue Casteel, Dave Laney, ATSDR and Pam Maples, Navajo Nation EPA		
8:00 am – 12:00 pm	Wetland Program Training Overview for United South and Eastern Tribal Nations	San Jacinto
Details: This session will present a summary of USET Tribal Nation wetland program development. The overview of the training conducted will start with the definition of a wetland, importance of wetlands for environmental protection and restoration, as well as the cultural significance wetlands provide to USET member Tribal Nations. How wetlands are delineated will be reviewed as well as EPA core elements necessary to achieve USEPA approval of a Wetland Protection Plan. This is an overview of three day training sessions provided by USET in two regions of the East. Presenters: Margaret Washko, USET		

Detailed Agenda ~ Monday, August 19



Time	Topic	Location
1:00 pm – 5:00 pm	Strengthening Tribal Self-Determination and Self-Governance	Mojave Learning Center
Details: EPA's 1984 Policy for the Administration of Environmental Programs on Indian Reservations and the 1992 Indian Environmental General Assistance Program Act (GAP) are based on the notion that tribal governments are the appropriate non-Federal parties for making environmental decisions and carrying out regulatory program responsibilities for Indian country. The Policy and GAP continue to guide EPA in its work with tribes and help EPA fulfill its mission in a manner that promotes tribal self-government. This session will cover the history and content of the 1984 Indian Policy and the 1992 GAP statute and demonstrate their continuing relevance for enhancing tribal sovereignty today, including building sustainable infrastructure and technical capacity. Instructor: Jim Grijalva, University of North Dakota		
1:00 pm – 5:00 pm	Incorporating Climate Change Impacts and Adaptation Considerations and Natural Resource Damage Assessment and Restoration at Superfund Sites	Smoketree F
Details: This session will focus on how to incorporate climate change impacts and adaptation considerations into remediation, Natural Resource Damage Assessments (NRDAs) and restoration at Superfund sites. The session will include a discussion on the potential impacts of climate change to tribal lands and analyses of three case studies to demonstrate how climate change impacts can be incorporated into NRDAs or Superfund site assessments. One case study will focus on climate change and adaptation considerations for the Tar Creek Superfund site, a site with ongoing Remedial Investigation (RI) activities, NRDA, and restoration activities. Another case study will describe climate change and adaptation considerations for The Pueblo de San Ildefonso, an area with ongoing NRDA and cleanup activities. Attendees will use the knowledge gained from the Tar Creek and San Ildefonso examples to develop climate change and adaptation considerations for the final case study, the Midnight Mine Superfund Site. The goal of this session is for attendees to develop a better understanding of potential climate change impacts and understand how they can be integrated into site assessments Instructors: Michelle Krasnec, Kaylene Ritter and Heather Hosterman, Abt Associates, Christin Lee, Wyandotte Nation, Michael Chacon and Raymond Martinez, Pueblo of San Ildefonso, and Brian Crossley, Spokane Tribe Moderator: Rebecca Stevens, Couer d'Alene Tribe and TWAR Steering Committee member		
1:00 pm – 5:00 pm	Establishing and Enhancing a 128(a) Tribal Response Brownfield Program	San Jacinto
Details: A training session with an introduction 30 min. video of tribes and video input from tribes and participation and input from attendees on the establishment of a 128(a) Tribal Response Program for Brownfields and other releases of hazardous substances, pollutants or contaminants as well as petroleum, controlled substances and mine scarred lands. An overview of the basics of the "4 Elements" and Institutional Controls and the Public Record. This can include "Brownfields", as defined by EPA, as well as supporting responses to new incidents or releases. For those attendees that have already established the basic program will also discuss how to take your program further or Enhance the program. Tribal staff and managers that are new to the TRP are welcome as well as experienced tribal staffs. Input and sharing of experiences of experienced attendees will be welcome. The outcomes of this training include learning the basics as well as what tribes are doing to establish and enhance their TRPs. Instructors: Mickey Hartnett, KSU Tribal TAB, Hans Bradley, Standing Rock Sioux Tribe, Ray Reed, Turtle Mtn. Band of Chippewas, Mark Junker, Sac and Fox Nation and TWAR Steering Committee member, and Jose Garcia, US EPA		

NOTES:



Detailed Agenda ~ Monday, August 19

Time

Topic

Location

Note for Field Trip Participants: For all field trips, please meet in the Renaissance Hotel Lobby at least 15 minutes prior to your start time. Busses will be leaving on time, so don't be late! In the Lobby you will see Field Trip leaders with signs. Please join your field trip and be sure to sign the waiver prior to boarding the bus.

7:30 am – 5:00 pm FIELD TRIP: Pala Band of Mission Indians and La Jolla Band of Luiseno Indians, Transfer Station Tours

Details: Visit two examples of Tribal transfer stations on this all-day field trip. The Pala Transfer Station opened in 2006. It was built with a combination of federal grant funding and tribal funding. Among other things, Pala's transfer station provides municipal waste collection, mixed recycling, CRV (California Redemption Value) recycling buyback, green waste collection and mulching, household hazardous waste collection, and community education on waste stream reduction and pollution prevention. La Jolla built a small transfer station in 2005 with funding from USDA. It handles solid waste from residences and government operations, accepts HHW, e-waste, and scrap metal, and also provides opportunities for large item cleanups. A NPS bioretention project was recently completed to better manage potential contaminated stormwater runoff.

Notes for Attendees: You will be required to wear closed toed shoes for this field trip. This is Palm Springs in August: Please bring water, sun protection, and a hat as it will be hot outdoors. There will be a minimal amount of walking, but you will be standing for long portions of the day in the sun as you tour these two facilities. Also please keep in mind that bees and other insects will often congregate around transfer stations so be prepared if you have allergies. A stop at the Pala Casino for lunch is planned. Please bring money to purchase lunch and any food or snacks you need for the day.

7:30 am – 4:30 pm FIELD TRIP: Twenty-Nine Palms Band of Mission Indians and Salton Sea Authority, Salton Sea Tour

Details: Since time immemorial, the indigenous people of Coachella Valley have witnessed the ebb and flow of waters in what is now the Salton Sea, located at the second lowest elevation in the United States. In the past century, the Sea has been sustained mostly with waters flowing from irrigated agricultural drainage created by diverting the waters of the Colorado River. This sea, which has no outlet, has served as a nesting area for nearly two thirds of the known species of migratory waterfowl in North America. Today, with salinity twice the concentration of the ocean (and rising) the ecosystem of the Salton Sea is struggling. A receding shoreline, due to water transfers from this area, threatens to harm the health of residents exposed to dusty lakebed soils, if nothing is done to address the problem. On this tour you will see the beautiful sea, learn about its history, it's current struggles, and the efforts underway to create a healthier and more prosperous future for this area and the people who live here. Stops for this tour will include: Wister Wetlands, Sonny Bono National Wildlife Refuge, State Park, Yacht Club (bring your own lunch), and Torres Martinez Wetlands.

Notes for Attendees: This field trip will include time outdoors. Please remember that this is Palm Springs in August: bring water and your own shade/sun protection! Many presentations will take place on the bus to minimize the time in the heat and a tour of the site will be provided upon arrival to each location. Please bring lunch and any food or snacks you need for the day. There will NOT be an opportunity to purchase food.

8:00 am – 5:00 pm FIELD TRIP: Pechanga Band of Luiseno Indians, Tour of Sustainability Projects

Details: A tour of Pechanga's sustainability initiatives and programs lead by the Pechanga Resort and Casino's new Sustainability Manager. Learn about the challenges of implementing sustainability initiatives on a large-scale tribal commercial property while touring the Pechanga cogeneration plan, waste collection and recycling facilities, and other unique features. Along with a recent expansion of commercial activities and properties, Pechanga is increasing its commitment to sustainability through improved environmental, economic, and social programs. This tour is a great opportunity to learn about the planning and initiation of an enhanced sustainability program that is scalable for larger operations. **Notes for Attendees:** You will be required to wear closed toed shoes for this field trip. This field trip will mostly be held indoors, but please remember that this is Palm Springs in August: please bring water.

Detailed Agenda ~ Tuesday, August 20



Time

Topic

Location

8:00 am – 12:00 pm Developing Tribal-EPA ETEPs for Environmental Protection Santa Rosa

Details: The purpose of this hands-on workshop is to assist tribes in developing joint EPA-Tribal Environmental Plans (ETEPs) to protect people, land and water in Indian country. ETEPs outline how individual tribes work to support tribal goals in the context of EPA programs, and can be used for future program planning and decision-making. In this 4-hour workshop, EPA and tribal co-presenters will provide an overview of ETEPs, discuss ETEPs as a strategic planning tool, and provide perspectives on successful ETEPs. The workshop will include small group settings where participants will complete ETEP-related exercises, share best practices and lessons learned, and receive assistance with individual ETEPs. Participants are encouraged to bring their completed or draft ETEPs to the workshop.

Instructors: Lisa Berrios, Felicia Wright, and Ira Hight, US EPA

8:00 am – 12:00 pm Lead Awareness in Indian Country: Keeping Our Children Healthy

Smoketree D/E

Details: Lead can still be found in many places in Indian Country and tribes may unknowingly be using products that may contain lead. Tribal children may be exposed to lead, however there are actions we can take to prevent this from happening.

Instructors: Susan Hanson, Larry Dunn, and Russel Hepfer, NTTC members; Jubin Cheruvel, MSU Health and Nutrition Institute; and Amanda Hauff, US EPA

8:00 am – 12:00 pm Successful Redevelopment of Superfund Sites on Tribal Lands: Tools & Support + Roundtable

Smoketree F

Details: US EPA is committed to the successful reuse or redevelopment of Superfund sites on tribal lands. Participants will (1) understand the benefits of incorporating redevelopment plans early in the cleanup process; (2) learn about the process of redevelopment and the reuse tools/support available; and (3) have the opportunity to share their ideas, experience, concerns and advice about redeveloping tribal lands. The desired outcome is a mutually beneficial conversation that will increase the cultural and economic benefits of reuse on tribal lands. The session will have several complementary segments. In the presentation portion of the session, US EPA will provide training on the Superfund redevelopment process as well as tools and support that are available to assist tribes in redevelopment of Superfund sites on tribal lands. In the second segment, a panel of tribal representatives will speak to their experience through the redevelopment process honoring tribal land uses. Then attendees may join a roundtable/talking circle to share their own ideas or experiences in the reuse or redevelopment of Superfund sites, as well as any challenges the process presents or recommendations for additional redevelopment tools/support that would benefit tribal governments.

Instructors: Amanda Van Epps and Helen Duteau, US EPA; Summer King, Quapaw Nation; Rebecca Stevens, Coeur d'Alene Tribe and TWAR SC member

8:00 am – 12:00 pm Database & Mapping Techniques For Inventorying Sites, Tracking Cleanup & Redevelopment Progress, and Community Engagement (Hands On!)

Mojave Learning Center

Details: In this hands-on session we will focus on three workflows for efficiently developing spreadsheets and digital maps using free platforms. First, we will cover techniques for using mobile devices for offline fieldwork and inputting the data from the field into online databases and digital maps without the need for transcription. Second, we will learn how to use digital forms for soliciting community input that can be easily added to spreadsheets and maps used for Brownfields inventories and other geospatial databases (GIS, etc.). Third, we will create map mash-ups using publicly available data in spreadsheet and map file (KML and SHP) formats from federal and state agency websites, and add our own data layers from our field inventories, existing tribal databases, and community input. We will learn how to edit these maps, add photos and video to placemarks, and embed maps on our websites. These will be hands-on activities and participants will be encouraged to use their own data to create projects that can be used for their own work. Finally, an important aspect of tribal sovereignty is the control of intellectual property and data from environmental programs; we will conclude by discussing data sovereignty, providing examples of templates that can be used to create data stewardship agreements with contractors, agencies, and other institutions and individuals involved in the collection, analysis and archiving of tribal environmental data. Participants will need to bring both a laptop and a mobile device (phone or tablet) to the session, and if using a work computer/mobile device will need to be able to access Google Drive in order to complete the hands-on activities. Participants who work with Brownfields will be encouraged to sign up for a BiT (Brownfields Inventory Tool) account from KSU TAB, and to download the BiT app to their mobile devices.

Instructors: Cynthia Arnett and Eric Sheets, KSU Tribal TAB



Detailed Agenda ~ Tuesday, August 20

Time	Topic	Location
8:00 am – 12:00 pm	Spill Prevention and Counter Control Measures	Pueblo A/B
Details: This course acquaints participants with the tools and resources available to assist tribes in: <ul style="list-style-type: none">• Understanding the scope and implementation of the Spill Prevention, Control, and Countermeasure (SPCC) regulation/Above ground oil storage tank inspections;• Inspecting facilities for compliance with rule requirements, spill notification and response, the establishment of tribal tank programs. The instructional material assists tribal environmental programs, elected government officials, and tribal members in understanding the scope and implementation of EPA's Oil Program and SPCC regulation. The material also includes a discussion of Waters of the United States definition and applicability to regulated facilities. This topic has been identified by tribal organizations as one that tribes are very interested in. This class is a major part of our effort to provide tribes with the information to build capacity in Indian Country. Instructor: Peter Reich, US EPA Region 9		
8:00 am – 12:00 pm	Environmental Health and Land Reuse Training	Chino A/B
Details: The Environmental Health and Land Reuse Certificate Program (EHLR) is co-produced by the Agency for Toxic Substances and Disease Registry (ATSDR) and the National Environmental Health Association. We created the EHLR Certificate to provide environmental or health professionals the information, procedures, and resources needed to identify, cleanup, and redevelop land reuse sites with a goal of improving a community's overall health. During this group of interactive sessions, participants will complete a 5-module EHLR training, which will include exercises in community engagement tools, "mock" environmental site assessment, message mapping to communicate environmental or health risks, healthy community design, and evaluation of environment and health change. Participants who successfully complete all modules will receive a Certificate of Completion in EHLR from the National Environmental Health Association and are eligible for continuing education units from ATSDR. Please note: This is a 12 hour training and continues from Monday. Instructors: Laurel Berman, Randal Bernthal, Leann Bing, Sue Casteel, Dave Laney, ATSDR and Pam Maples, Navajo Nation EPA		
9:00 am—12:00 pm	Data Versus Information: How to Make the Exchange Network Work for Tribes	San Jacinto
Details: This session will be aimed at helping attendees think about how data and information, specifically in the context of tribal environmental management, are used, and how each has a specific purpose in helping to effectively manage tribal lands and resources. This will lead into interactive discussions where tribes can contribute to "user stories" that communicate how tribes use data in the real-world and help inform decision-making in multiple ways. The Exchange Network Tribal Governance Group (TGG) will also be sharing and gathering information on how tribes collect and manage data and how the future of digital information and infrastructure could shape these activities in the future. Presenters: Frank Harjo, Muscogee Creek Nation; Linda Rosas-Bill, Habematolel Pomo of Upper Lake; BryAnna Vaughan, Bishop Paiute Tribe; Lisa Gover, Campo Band of Kumeyaay; and Lydia Scheer, ITEP Moderator: Lydia Scheer, ITEP		



Detailed Agenda ~ Tuesday, August 20



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8:00 am – 12:00 pm FIELD TRIP: Soboba Band of Luiseno Indians, Walking Tour of Solar Project

Details: Field trip participants will be taken on a walking tour of the Soboba solar project. Participants will be taken through two solar sites that cover 11 acres of land and generate over 4 million kilowatts of energy per hour. The tour will also discuss the financial and cultural importance that the solar project brings to the Tribe and their continued goals for sustainability. Participants are encouraged to bring water, comfortable walking attire, personal shade (hat, umbrella, sunscreen, etc.), and closed toed shoes to accommodate high temperatures and unpaved walking surfaces.

Notes for Attendees: There will be minimal walking for this field trip, but please remember that this is Palm Springs in August. Please bring water and your own shade (hat, umbrella, sunscreen, etc.) as it will be hot outdoors. Closed toed shoes are required.

8:00 am – 12:00 pm FIELD TRIP: Agua Caliente Band of Cahuilla Indians, Indian Canyons Visit

Details: Visit the Andreas Canyon in the Indian Canyons, the ancestral home of the Agua Caliente Band of Cahuilla Indians. The Tribe owns and maintains more than 60 miles of hiking and walking trails in Palm Springs. Learn about the history, culture of the Agua Caliente people as well as the plants and animals of this beautiful desert canyon landscape. **Notes for Attendees:** This field trip is considered a "short and easy hike on uneven terrain". Please remember that this is Palm Springs in August. Bring water and your own shade (hat, umbrella, sunscreen, etc.) as it will be hot outdoors. Wear sturdy shoes and comfortable clothing (no heels or open toed shoes).

8:00 am – 12:00 pm FIELD TRIP: Morongo Band of Mission Indians, Waste Diversion Programs

Details: Tour of the Morongo Band of Mission Indians waste diversion programs. The tour will begin with a discussion of the diversion programs, challenges, and unique solutions to meet the community's needs. Participants will visit the tribe's residential drop-off area, including recycling, household hazardous wastes, and electronic wastes collection, and will visit the casino's back-of-house recycle sorting area. Participants will have the opportunity to interact with Morongo Environmental Protection Department staff and Casino Facilities staff, responsible for developing and implementing the program.

Notes for Attendees: You will be required to wear closed toed shoes for this field trip. This is Palm Springs in August. Please bring water as it will be hot outdoors.

1:30 pm – 3:00 pm Opening Plenary Session 1:30 pm – 3:00 pm

1:30 - 1:45 pm	Native ROTC Color Guard Invocation by John Wheaton, Nez Perce Tribe and TWAR Steering Committee member	California Grand Ballroom
1:45 - 2:25 pm	Welcoming Remarks and Invocation Agua Caliente Band of Cahuilla Indian's Representative Ann Marie Chischilly, ITEP Executive Director Mark Junker, Sac and Fox Nation of Missouri in KS & NE and TWAR SC Chair Ken Norton, Hoopa Valley Tribe and Chair of the NTWC Peter Wright, OLEM Assistant Administrator	
2:25 - 3:00 pm	Agua Caliente Band's Bird Singers Mike Stoker, Regional Administrator, US EPA Region 9 Video Welcome by US Representative Deb Haaland	



Detailed Agenda ~ Tuesday, August 20

3:30 pm ~ 5:00 pm Breakout Sessions 3:30 pm ~ 5:00 pm

Beginning a Curbside and Hub and Spoke Recycle Program AND

Collecting and Managing Recycling Data ~ Santa Rosa ~

Details: I will present on my trial and errors and keys to a success. My presentation will focus on starting a curbside recycle program and hub and spoke program. Our program started in 2015 as a pilot program, curbside only. Last year in 2018 I started our hub and spoke program and expanded our curbside program and I am proud to say they are both doing wonderful. I will also touch on how much we are diverting out of our waste stream, how we got funded, how we manage our green waste, outreach and just about our program in general.

Presenter: Loren Jojolo, Pueblo of Isleta

Details: Learn what data can be collected at your recycling center and how you can use it to educate others and influence the community around you. Also see how data can be tracked utilizing spreadsheets on a basic level and also on a more advanced level.

Presenters: Jason Lilley, Choctaw Nation and Tracy Horse, Choctaw Nation and TWAR Steering Committee member

Moderator: Tracy Horst, Choctaw Nation and TWAR SC member

The ABC's of UST AND What's Wrong With This Picture ~ Smoketree D/E ~

Details: A 45 minute summary of what makes up a UST or Underground Storage Tank system: how they work, how they're supposed to work, what can go wrong and why it's all important. With lots of pictures and stories, Ben will help beginners demystify the complexities of UST systems.

Presenter: Ben Thomas, UST Training

Details: Using his 30 years of experience, Ben will share some of his best "what's wrong with picture" collection of problem UST systems to educate beginning and advanced UST inspectors on what to look for in the field.

Presenter: Ben Thomas, UST Training

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee member

Preparing Competitive Grant Proposals: 104(k) Brownfield & Other Funding

~ San Jacinto ~

Details: The EPA 104(k) Brownfields grants for assessment and cleanup of brownfields are very competitive and were significantly revised in 2019. Tribes must compete for these grants with non-tribal communities on a national basis. Tribes have been successful in being awarded these grants. This session will share what makes a competitive grant proposal in general as well as sharing some of the experience of tribes that have been successful in acquiring these grants. Other potential funding sources for brownfield site reuse and redevelopment will also be discussed. This session will be beneficial to tribal grant writers as well as to tribal staff and managers that are knowledgeable of brownfields issues, assessments and cleanups so that they can be contributors to successful brownfields grant proposals.

Presenters: Ignacio Dayrit, CCLR, Rachel Lentz, US EPA, and Hans Bradley, Standing Rock Sioux Tribe

Moderator: Ignacio Dayrit, CCLR

Developing Tribal Water Quality Standards as a First and Critical Step Toward Tribal Environmental Self-Determination

~ Pueblo A/B ~

Details: In 1987, Congress authorized EPA to treat Indian tribes as states for implementing the federal Clean Water Act (CWA). Thirty years later, fewer than 50 tribes have developed water quality standards (WQS)—the core of the CWA's regulatory programs. EPA has twice proposed initiatives to fill that gap, but both stalled. This session will explore that history and the practical and legal reasons why tribes should use the WQS program as a first and critical step toward tribal environmental self-determination. Practically, developing WQS help tribes assess current water quality conditions, and determine the levels needed for protecting tribal water uses. Legally, those Indigenous value judgments are translated into permit conditions enforceable against water pollution discharges both on and near Indian country.

Presenter: Jim Grijalva, University of North Dakota



Detailed Agenda ~ Tuesday, August 20



3:30 pm ~ 5:00 pm Breakout Sessions 3:30 pm ~ 5:00 pm

The Partnership Between Tribes and EPA's Emergency Response Program: Case Studies from Region 9 ~ Smoketree F~

Details: This session will answer the following questions, and help participants understand how they can partner with EPA On-Scene Coordinators in their Region to address both acute and legacy contamination in Indian Country.

Presenters: Vivian Craig, Navajo Nation, Amanda Pease and Steve Calanog, US EPA Region 9

Moderator: Amanda Pease, US EPA Region 9

ATTAINS for Tribal Assessment Reporting AND The National Aquatic Resource Surveys: Assessing the Nation's Water through a National Partnership ~ Chino A/B~

Details: The Assessment TMDL Tracking and Implementation System (ATTAINS) has been successfully piloted by tribes in Regions 5, 6, & 9. This session will focus on reporting out on the outcomes of that project, describe the plan to open the project up to more tribes, and end with a feedback discussion.

Presenter: Laura Shumway, US EPA

Details: The National Aquatic Resource Surveys (NARS) are statistical surveys designed to assess the quality of the nation's coastal waters, lakes and reservoirs, rivers and streams, and wetlands. EPA, states and tribes work together to implement the NARS. Using sample sites selected at random and consistent sampling protocols, the surveys tell us how widespread water quality problems are across the country, estimate the extent of waters affected by key stressors and track changes over time. In this presentation, participants will learn about the National Surveys including information on design, the indicators used in the survey, and selected findings. Participants will also engage in a discussion about ways to leverage the national surveys to support tribal water quality monitoring and assessment programs, and to identify future training needs and opportunities that EPA can help support.

Presenter: Sarah Lehman, US EPA

Moderator: John Wheaton, Nez Perce Tribe and TWAR Steering Committee member

General Outreach Tips & Tricks for Environmental Programs AND DISC: A New EPA Application to Enhance Sustainability and Resilience of Communities ~ Mojave Learning Center~

Details: A case study: The Pala Environmental Department (PED) has a robust outreach program that has helped us to increase awareness of our tribe's environmental objectives and steer our community towards more environmentally-friendly behavior changes. PED wants to share some of the outreach tools, ideas, visuals, strategies, and messaging that have been successful for us over the last 10 years (and some not-so-successful attempts). So, if you're like us & eager to build your outreach toolbox, stop by to get some ideas that you can take home to build your own outreach program. We are also hoping that our audience will feel open to sharing some of their tips as well, since we all have valuable experiences to share.

Presenters: Heidi Brow and Alexis Wallick, Pala Band of Mission Indians

Details: Many communities have a goal to be more sustainable (i.e. maintaining and enhancing community economic and social vitality, along with environmental integrity). However, smaller (<~50,000 population) and especially rural and tribal communities, may lack the resources to accomplish their sustainability goals. EPA's Office and Research and Development and EPA Region 10 have developed a downloadable computer application named DISC (Decisions Integration for Strong Communities) which provides, a) a basic sustainability index with social, economic and environmental dimensions that can be generated with minimal effort from a community, b) a mechanism to create scenarios to examine changes in sustainability characteristics based on proposed community decisions, and c) links to resources to help understand and enhance the sustainability of their community. Community engagement in an agile environment has been vital to the development of DISC. The DISC application, including sustainability indicators, scenario building, and especially output which provides links to government, nonprofit and other resources are provided in this presentation. In this session we invite Native American tribal evaluation and input to help ensure that DISC addresses their priorities and goals.

Presenter: Wenona Wilson, US EPA Region 10

Moderator: Page Hingst, Santee Sioux Nation and TWAR Steering Committee member



Detailed Agenda ~ Wednesday, August 21

8:30 am ~ 10:00 am Breakout Sessions 8:30 am ~ 10:00 am

Raising Environmental Awareness Through Community Outreach

~ Santa Rosa~

Details: Education through outreach can play a vital role in raising environmental awareness in a community along with shaping attitudes and behaviors. Healthy communities have active and engaged members. In this session, participants will learn how to engage their community by having an effective outreach program and learn different outreach strategies that have been successful for other Tribes. Participants will experience hands-on learning which will empower them to incorporate these strategies in their own outreach programs.

Presenters: Page Hingst, Santee Sioux Nation and TWAR Steering Committee member, and Tracy Horst, Choctaw Nation and TWAR Steering Committee member

Moderator: Rebecca Stevens, Coeur d'Alene Tribe and TWAR Steering Committee member

Indigenous Response to Transboundary Smelter Contamination

~ Smoketree F~

Details: The Confederated Tribes of the Colville Reservation in Washington State have endured more than a century of injuries to natural resources in and around their Reservation as a consequence of the release of hazardous substances from industrial activities, in particular the proximity of their traditional lands and waters to the world's largest lead-zinc smelter, operated since 1896 in the city of Trail, BC (Canada), 11 miles upstream of the US-Canada border on the banks of the Columbia River. The sediments of the river, the fish, and the upland soils have been contaminated with arsenic, cadmium, copper, lead, mercury, and zinc from water and air emissions. Since 1999, the Colville Tribes have pressed for investigation, cleanup, and restoration of their resources through a combination of strategies: engaging the Federal government through its standard process and bureaucracy related to environmental risk assessment and remediation, taking independent action, and maintaining a focus on the end goal of restoring Tribal members' relationship to the River. We will talk about successes and challenges related to Tribal involvement for the past 20 years at this large site.

Presenters: Whitney Fraser, Lodestone Environmental Consulting and Cindy Marchand, Colville Confederated Tribes

UST Program Updates and Future Directions

AND

Characteristics of UST Cleanups in Indian Country

~ Smoketree D/E~

Details: This session will provide an update on what is currently happening in and future directions for US EPA's Underground Storage Tank (UST) Program. It will also include an open conversation and opportunity for questions and answers with the Director of EPA's Office of Underground Storage Tanks (OUST).

Presenter: Carolyn Hoskinson, US EPA

Details: US EPA completed a study of the of remaining leaking underground storage tank (LUST) sites in Indian country. This session will present an overview of the findings from this study, including information about the characteristics of these sites, and the opportunities for getting more sites cleaned up.

Presenter: Mark Barolo, US EPA

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee member

Don't Let the Sun Go Down: Originating, Conceiving and Implementing PV Solar Power Projects on Tribal Lands

~ Mojave Learning Center~

Details: The sun has a special place in Native American culture. It also has the potential to sustain a home, a community and the entire tribe with solar resources. These possibilities will be explored: the types and scale of PV installations and the application to tribal situations; job training opportunities for tribal members; technical issues associated with rooftop solar and landfills; utility-scale and interconnect; working with energy utilities, markets and regulators; case studies and sources of funding and technical assistance.

Presenter: - Ignacio Dayrit, CCLR, Lisa Castilone, GRID Alternatives, and Ian A. Webster, Sc.D.Project Navigator, Ltd

Moderator: John Wheaton, Nez Perce Tribe and TWAR Steering Committee member

Detailed Agenda ~ Wednesday, August 21



8:30 am ~ 10:00 am Breakout Sessions..... 8:30 am ~ 10:00 am

Brownfields Inventory Tool (BIT) and EPA ACRES Database AND

Overview of Tribal Exchange Network Projects & Tools

~ San Jacinto~

Details: The Brownfield Inventory Tool (BiT) is a free, online, comprehensive site inventory and brownfields program management tool. EPA's Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an online database for Brownfields Grantees to electronically submit site data to EPA. Participants in this session will watch a real time demonstration of how a Region 9 tribe loads and manages information in BiT, how data is transferred to the EPA ACRES database, and how an EPA Project Officer screens and approves the data. They will also leave with an understanding of all the capabilities BiT offers and how it can be a useful tool in managing site data and progress.

Presenters: Scott Nightingale, KSU Tribal TAB and José García, US EPA

Details: This presentation will discuss the background and history of tribal involvement with the Exchange Network, including highlighting tribal projects funded by the US EPA Exchange Network grant program, and how tribes can be involved in current initiatives related to environmental management and technology.

Presenters: Frank Harjo, Muscogee Creek Nation; Linda Rosas-Bill, Habematolel Pomo of Upper Lake; BryAnna Vaughan, Bishop Paiute Tribe; Lisa Gover, Campo Band of Kumeyaay; and Lydia Scheer, ITEP

Moderator: Lydia Scheer, ITEP

NOTES:



Detailed Agenda ~ Wednesday, August 21

8:30 am ~ 10:00 am Breakout Sessions 8:30 am ~ 10:00 am

EPA Tribal Listening Session: Updates on Office of Water Regulatory Efforts

~ Pueblo A/B ~

Details: The U.S. Environmental Protection Agency's Office of Water has several regulatory actions in progress that are of interest to tribes. In one action, the EPA and the Department of the Army are following a two-step rulemaking process to develop a revised definition of "waters of the United States." In the first step, the agencies proposed to repeal the 2015 Rule and recodify the previous, longstanding regulatory definition. In the second step, the agencies proposed a revised definition. The agencies are working to finalize both rules. In a separate action, the EPA will issue a forthcoming proposed revision to the Clean Water Act (CWA) section 401 regulations. CWA section 401 provides an opportunity for states and authorized tribes to evaluate and address potential water quality impacts of proposed federally-issued licenses and permits. In the third action, the EPA plans to comprehensively modernize the CWA section 404(g) regulations. Section 404(g) provides an option for authorized tribes and states to assume authority for the section 404 dredged or fill permitting program. Tribal staff and officials are invited to participate in this session led by EPA Office of Water staff to learn more about the agencies' efforts and other upcoming regulatory actions (including efforts to update the agency's CWA section 404(c) and compensatory mitigation regulations), ask questions, and to provide feedback on the forthcoming 401 and 404(g) rule-making efforts.

Presenters: Rose Kwok and Lauren Kasparek, US EPA

PFAS, Toxic Consumer Products, and Tribal Risks and Concerns

~ Chino A/B ~

Details: Ever wonder how is it that our everyday consumer products come to contain toxic chemicals? This session uses the example of PFAS to demystify the world of chemical regulation. What is PFAS and how are tribes exposed to it? What actions can you take to minimize present and future exposure and what resources are there to help you determine your tribe's specific risk? Members of the National Tribal Toxics Council take you step by step through the science and regulatory process being formulated now by EPA to address chemical risk, and whether a chemical should be regulated and even banned. For the first time in history, product manufacturers must worry about chemical health effects that occur from product use and disposal in the environment. As peoples that spend more time in the environment, and in unique and many ways, Tribes have a clear stake and role in creating a future world where contaminated lands and peoples are made a distant memory.

Presenters: Lynn Zender, Zender Environmental, Susan Hanson, Suzanne Fluharty, Russel Hepfer, Larry Dunn, Jubin Cheruvel, NTTCC

Moderator: Russel Hepfer, Lower Elwha Klallam Tribal Community

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Detailed Agenda ~ Wednesday, August 21



10:30 am ~ 12:00 pm Breakout Sessions..... 10:30 am ~ 12:00 pm

Recycling and the Materials Economy: Making Recycling Work for You

~ Santa Rosa ~

Details: The recycling system in the U.S. is facing several significant challenges: many consumers see recycling as the best way to help the environment, but don't know the proper way to do so; recent international policy changes have reduced available markets; and the infrastructure has not kept pace with the evolution of materials.

Presenters: – Rob Roy, La Jolla Band of Luiseno Indians and TWAR Steering Committee member; Suzie Boxman, US EPA; invited America Recycles representative

Moderator: Kim Katonica, US EPA

Superfund Case Study: Shoshone Bannock Tribes

~ Smoketree F ~

Details: Shoshone-Bannock Tribes lifeways and health have been affected negatively for years because of phosphate mining and processing activities on and adjacent to the Fort Hall Reservation. The Reservation is the site of the largest elemental phosphorus mine in the United States, known as the Gay Mine and now inactive, and the Eastern Michaud Flats Superfund Site which is comprised of two different phosphorus processing plants, the J.R. Simplot Don Plant which is still in operation and the FMC plant which is undergoing CERCLA cleanup. This Superfund site placed on the National Priorities List in 1990. In 1998, the EPA issued the largest RCRA fine (at that time) against FMC. In terms of CERCLA status, the Simplot Operable Unit has a Record of Decision and the FMC Operable Unit is working with an Interim Record of Decision. Consequently, the Reservation resources have been contaminated. Industries and federal agencies forget or ignore the health and natural resource damages to our land. However, we continue to remind them that it is important to use a true Tribal Risk Scenario for risk assessments and to respect our laws and cleanup standards as valid ARARs during the cleanup process.

Presenters: Kelly Wright and Susan Hanson, Shoshone Bannock Tribes

Moderator: John Wheaton, Nez Perce Tribe and TWAR Steering Committee member

UST Implementation: Successes and Challenges

~ Smoketree D/E ~

Details: The final deadline has passed and UST facilities in Indian country are now required to comply with US EPA's revised 2015 UST regulation. In this session, participants will share findings since implementing the 2015 regulations (e.g., what's going well, and noncompliance issues). This is also the time to discuss any unresolved or emerging technical clarifications, as well as training needs.

Presenters: Tony Raia and Mallory Miller, US EPA; Michael Arce, Oneida Nation

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee member

Groundwater Monitoring on the 29 Palms Reservation AND The Southern California Tribal Stream Team: Working Together for Water Quality Assessment

~ Pueblo A/B ~

Details: This presentation will cover the Twenty-Nine Palms Band of Mission Indians' groundwater monitoring strategy and its fundamental importance to the Tribe. A background and monitoring objectives of the program will be provided. The various sampling methods and equipment utilized by the Tribe will be described in detail.

Presenter: Levi Anderson, 29 Palms Band of Mission Indians

Details: This session will cover how the Southern California Tribal Stream Team cooperates to increase both resources and personnel available to conduct water quality assessment activities. The session will also provide an overview of benthic macroinvertebrate sampling and the procedures used by the team. The intertribal group was formed in 2010 with the primary focus on conducting bioassessments. While still focused on benthic macroinvertebrate sampling, the group has expanded to include training and knowledge in a broad range of water topics.

Presenter: Kimberley Miller, Morongo Band of Mission Indians

Moderator: Shawn Muir, 29 Palms Band of Mission Indians



Detailed Agenda ~ Wednesday, August 21

10:30 am ~ 12:00 pm Breakout Sessions 10:30 am ~ 12:00 pm

Learn the Basics: Start Your Pollinator Protection Plan to Protect Tribal Natural Resources ~ Mojave Learning Center ~

Details: Tribal environmental programs are working to mitigate the risks of pesticides to pollinators. The development of pollinator plans is part of a national effort to help reverse pollinator losses and restore pollinator populations. Pollinator protection plans enable tribes to moderate the risks of pesticides in a variety of environmental program areas such as agricultural applications, pest management, beekeeping, native plants restoration, and native pollinator protection. Learn how tribes are implementing plans that work for their communities and support restoration of traditional foods and resources. This 90-minute session will provide participants an overview about how tribes are using pollinator plans to protect resources as well as outline the elements of pollinator protection plans to assist participants to get started with development of their own plans.

Presenters: Fred Corey, Aroostook Band of Micmacs and Amanda Hauff, US EPA

Successful Tribal Brownfields Programs ~ San Jacinto ~

Details: Topics will involve lessons learned from several successful Tribal Brownfields Programs: In particular we will discuss the teaming relationships necessary to implement a successful program. - The role of the EPA Project Officer, the Tribal community, the Tribal Environmental Department, and the selected qualified environmental professional. - How to get the most out of these relationships. - Working on non-traditional Brownfields sites. - Leveraging other Brownfields funding to support the tribal objectives and to complete your project.

Presenters: Dale Mitchell, Passamaquoddy Tribe; Sean O'Brien, Penobscot Indian Nation; Margaret Chavez, ENIPC; Amy Jean McKeown, US EPA; Aaron Brignull and Rich Campbell, Campbell Environmental Group

Moderator: Rich Campbell, Campbell Environmental Group

Applying for Treatment in a Similar Manner as States (TAS) and Implementing a Tribal 303(d) Program AND

Addressing EPA's Proposed Rule Under CWA Section 401

~ Chino A/B ~

Details: On September 26, 2016, EPA published a final rule to establish a process for tribes to apply to EPA for authority to establish lists of impaired waters and Total Maximum Daily Loads (TMDLs) pursuant to section 303(d) of the Clean Water Act (CWA). This session will explore the practicalities of applying for Treatment in a similar manner as States (TAS) and implementing a CWA section 303(d) program. Topics will include: 1) the TAS application process; 2) the practical benefits of administering a Tribal 303(d) program; and 3) EPA support and addressing potential implementation challenges. Attendees will benefit from a familiarity with CWA sections 303(c) and 303(d), but no prior experience is required.

Presenter: E. Dylan Laird, US EPA

Details: Our presentation will: (1) explain the CWA 401 certification program and describe EPA's proposed revisions to the program regulations, which are due to be issued by August 8, 2019, shortly before the TLEF takes place; (2) discuss issues that tribes have experienced with the current regulations, and explain how those issues would be addressed under the proposal; and (3) identify issues that the panel foresees with EPA's proposed revisions to the regulations. The panel is intended to assist participants with understanding the certification program, assessing possible impacts of the proposed rule on their tribes, and identifying issues for comment in response to EPA's proposal. No specific knowledge is needed, just an interest in the Clean Water Act and the certification program.

Presenters: Jill Grant, Jill Grant & Associates, LLC, Ken Norton, Hoopa Valley Tribe, and Nancy Schuldt, Fond du Lac Tribe

Moderator: Lydia Scheer, ITEP

Ta'Kaiya Blaney ~ Wednesday, August 21



12:00 pm ~ 1:30 pm California Grand Ballroom 12:00 pm ~ 1:30 pm

We are thrilled to host the first special luncheon at the TLEF this year, featuring **Ta'Kaiya Blaney**.

Attendees were able to sign up in advance, when they registered for the TLEF, for this luncheon. If you did sign up in advance for this luncheon, please join us at 12:00 pm in the California Grand Ballroom.

Ta'Kaiya Blaney is an actor, singer-songwriter and Youth Ambassador for Native Children's Survival (NCS). She recently shot leading role feature *Beach Monkey* where she had the pleasure of working with director Loretta Todd and starred in feature film *Kayak To Klemtu* garnering her a 2018 Leo Award for best actress.

Ta'Kaiya started her career at the age of 6 starring in several award-winning short films. Ta'Kaiya received two Leo Award nominations for best actress by the British Columbia film and television industry. By the age of 10, Ta'Kaiya's first music release and music video *Shallow Waters* brought her national acclaim and earned her multiple awards and cultural honors. Ta'Kaiya is currently featured in several television programs including the 2015 HBO Documentary series *Saving My Tomorrow* and the 2016 APTN television series *Konnected*.

Ta'Kaiya has performed and spoken at grass-roots Indigenous gatherings and rallies, and at United Nations forums across the globe including the *TUNZA* United Nations Children and Youth Conference on the Environment in Bandung, Indonesia in 2011, the United Nations Rio+20 Conference on the Environment in Rio de Janeiro, Brazil, in 2012, and the United Nations Permanent Forum on Indigenous Issues, in New York City in 2013. In 2014,

At the age of 13, Ta'Kaiya presented an intervention at United Nations Headquarters establishing the NCS "*Indigenous Children's Fund*".

The youngest keynote speaker for *Powershift* (an annual global youth summit focusing on climate change policy) at Pittsburg, P.A., and Victoria, B.C., in 2014, Ta'Kaiya has also been keynote speaker and performer alongside such notable spiritual Leaders as Chief Arvol Looking Horse and His Holiness the 14th Dalai Lama at the Parliament Of World Religions October 15-19, 2015. Her latest single and music picture *Earth Revolution* had its premier during COP21, the United Nations Climate Change Conference in Paris, France in December of 2015.

For more information: www.takaiyablaney.com

Ta'Kaiya Blaney will also be participating in the Wednesday night cultural event - please see page 28 for more information.





Detailed Agenda ~ Wednesday, August 21

1:30 pm ~ 3:00 pm Breakout Sessions 1:30 pm ~ 3:00 pm

From Trash to Treasure

~ Santa Rosa ~

Details: Repurposing items is a great way to both save money, recycle items and help the environment. It reduces the amount of waste that is put into landfills while also reducing the amount of virgin materials that are used to make new items. All that is required is a little time and creativity which can give unlikely of items a new lease on life. In this session, participants will learn ways to repurpose items out of different materials that could be used in outreach programs, start a craft circle or just brighten up their communities. Participants are asked to bring 3-clean, plastic pop or water bottles (24 oz. or less) to this session as we will be doing a repurposing project.

Presenters: Page Hingst, Santee Sioux Nation and TWAR Steering Committee, and Tracy Horst, Choctaw Nation and TWAR Steering Committee member

Roundtable and Listening Session with US EPA HQ/ Tribal Brownfields Forum

~ San Jacinto ~

Details: EPA Headquarters and Regional staff will briefly present on the current evolution and changes within the EPA and the Brownfields Program, then conduct a listening session to hear and discuss questions and issues raised by the tribes. The KSU Tribal TAB Program will introduce the National Tribal Brownfields Work Group as a means to continually address tribal brownfields issues. Representatives from the Alaska Native Tribal Health Consortium (ANTHC), a KSU Tribal TAB partner, will present information on the Tribal Brownfields Forum. The Forum is a new online system for connecting with other brownfields and contaminated-sites staff and professionals from Tribal areas. Using the Forum, tribes can connect directly to peers via secure, private messaging, to ask questions of the entire community and get answers from other members that may have experience with similar situations.

Presenter: David Lloyd, US EPA, Eric Sheets and Oral Saulters, KSU Tribal TAB Partner, and Joy Britt, Mike Brook, and Bailey Richards, Alaska Native Tribal Health Consortium

Moderator: Rachel Lentz, US EPA

Remediation at the Tar Creek Superfund Site

AND

Remedies: To Defer Or Not To Defer?

~ Smoketree F ~

Details: Learn about the Quapaw Nation's efforts to conduct superfund remedial action at the Tar Creek Superfund Site in northeastern Oklahoma. Tar Creek is a forty square mile former lead and zinc mining area, and has been on the National Priorities List since 1983.

Presenter: Summer King, Quapaw Nation

Details: When the Bunker Hill Mining and Metallurgical Complex Site was listed on the NPL, EPA deferred a remedy for Coeur d'Alene Lake due to local and State political pressures. Now the Coeur d'Alene Tribe has to fight to keep the water quality clean of hazardous substances and call for a remedy.

Presenter: Rebecca Stevens, Coeur d'Alene Tribe and TWAR Steering Committee member

Compliance Assistance Officers and Federal Inspector Credentials for USTs in Indian Country

AND

Gas Stations in Indian Country: Economic Opportunity, Environmental Liability and an Exercise in Sovereignty

~ Smoketree D/E ~

Details: Join us for a discussion on the roles and experiences of tribal UST compliance assistance officers and federally credentialed tribal UST inspectors.

Presenter: Carolyn Hoskinson, US EPA

Details: This session will weave together stories from various Tribal Nations about what gas stations mean in their community. Seen as economic and employment opportunities that come with challenging environmental concerns that provide unique opportunities for exercising sovereignty. This will be an interactive session that will engage the audience to share their own experiences.

Presenter: Victoria Flowers, Oneida Nation and TWAR Steering Committee member

Moderator: Victoria Flowers, Oneida Nation and TWAR SC member

Detailed Agenda ~ Wednesday, August 21



1:30 pm ~ 3:00 pm Breakout Sessions 1:30 pm ~ 3:00 pm

Land, Water & Air: Tribal Resilience Planning in the Face of Climate Change

~ Mojave Learning Center ~

Details: The session will give a brief overview on climate change adaptation planning by giving an overview of the program's adaptation toolkit and how it can and has assisted tribes in planning for current and future climate impacts. In addition, tribal case studies that demonstrate the processes tribes have taken in creating climate adaptation and resilience plans including emergency management plans. Ms. Cooley will provide interactive activities to engage session attendees.

Presenter: Nikki Cooley, ITEP

Moderator: John Wheaton, Nez Perce Tribe and
TWAR Steering Committee member

National Tribal Water Council Information Sharing & Listening Session

~ Pueblo A/B ~

Details: The NTWC wishes to share information with tribal water/environmental professionals on current EPA water initiatives, and hear concerns from tribal representatives about water issues they may be facing as a result of the current EPA initiatives and proposed rule making process.

Presenters: Ken Norton, Hoopa Valley Tribe and other NTWC members

Moderator: Elaine Wilson, ITEP

Successful Tips and Suggestion for Applying for EPA Competitive Grants AND

How You Can Use E-Enterprise To Make Efficiencies In Your Environmental Program Management

~ Chino A/B ~

Details: US EPA provides multiple grant programs to tribes to support environmental activities. Some grant programs are very competitive and can only support a fraction of the needs in Indian Country. Come learn from Bishop Paiute Tribe and their experience in successfully receiving EPA grant funds. Also hear from EPA staff on the review panel making determinations on the proposals receiving funding from EPA.

Presenters: Howard Kahan, US EPA and BryAnna Vaughan, Bishop Paiute Tribe

Details: Do you want to learn more about how your tribe can better leverage E-Enterprise to make more efficiencies in your environmental program management? This session will share an overview of how tribes are using E-Enterprise and engaged in the various projects. We will provide an overview of the program and explain how the tribal, state, federal governance structure works to provide strategic direction and oversight to the project. We will also give demos a few E-Enterprise tool such as Be Well Informed, the E-Enterprise Portal, or the Community Inventory Platform. We may also be able to provide an update on the Quality Assurance Project Plan initiative during this session.

Presenters: Frank Harjo, Muscogee (Creek) Nation and Lisa Gover, Campo Band of Kumeyaay Indians

Moderator: Lydia Scheer, ITEP

NOTES:



Detailed Agenda ~ Wednesday, August 21

3:30 pm ~ 5:00 pm Multi Media Meetup 3:30 pm ~ 5:00 pm

Renaissance Ballroom Foyer

Join us for our fourth annual Multi Media Meetup, where you can interact and network with a wide variety of tribes, agencies, and organizations, in addition to exhibitors such as ACZ Laboratories, RIDOLFI, New Fields, USTTraining, Blue Tomorrow Ltd., and others. Following are just some of the groups participating this year!

- Susanville Rancheria: I will be sharing a few success stories from our water program and solid waste program. First, I will be sharing about our recent Bioassessment Training and the partnership we formed during and after the event. Other components that will be shared are: Abandoned Vehicles Program, Composting.
- Pala Band of Mission Indians: We all know that our most valuable audience in environmental outreach are our kids – they are the ones who are most open and eager to learn, and the ones who will be taking up the mantle of future climate change work to be done. We conduct a lot of youth outreach, and have brought a number of different hands-on activities, experiments, games, lessons, and projects that you can check out at our booth and then take back to your own reservation. We have activities that cover water, solid waste, climate change....all kinds of different environmental objectives, so there'll be something for everyone.
- Saint Regis Mohawk Tribe: Our I 28a Brownfield program including outreach success in community and creative ideas utilized, tackling abandon homes, positive results utilizing aerial camera and open dump.
- Exchange Network Tribal Governance Group: Our members will share information about their activities and those of the Exchange Network program, including information for tribes looking for resources to support information technology and data management efforts.
- Tribal Waste and Response Steering Committee: Members will be on hand to talk about their work and to listen to your thoughts on priorities for solid waste, Superfund, emergency response, UST, and brownfields Tribal programs.
- Department of Interior NRDAR Program: We work to restore natural resources injured as a result of oil spills or hazardous substance releases into the environment. In partnership with affected state, tribal and federal trustee agencies, the NRDAR Program conducts damage assessments which are the first step toward resource restoration and used to provide the basis for determining restoration needs that address the public's loss and use of natural resources.
- Navajo Nation EPA: The Navajo EPA Waste Regulatory Compliance Department comprises of three programs: (1) Storage Tank Program; (2) Leaking Storage Tank Program; and (3) Resource Conservation and Recovery Program. Each program will showcase a success story, and future developments
- Kawerak, Inc.: The Bering Strait Regional Environmental Department table will have best practice stories about what we're doing in northwestern Alaska. The Nome region's department is comprised of Brownfields, IGAP solid waste recycling, emergency preparedness, and renewable energy programs. We'd love to learn tips and tricks from other Multi Media Meetup participants as well as share what we've learned over the years.
- ITEP's Volkswagen Settlement Project: We will share information about the VW Settlement Environmental Mitigation Tribal Trust: - what types of projects can be funded under the Trust, steps involved in applying for funding, and examples of projects that have been funded so far.
- National Tribal Water Council: The National Tribal Water Council (NTWC) will share information (e.g., brochure, newsletters, fact sheets, comment letters, etc.) with forum attendees. In addition, NTWC members will be available to hear water concerns from tribal representatives.
- US EPA Office of Superfund Remediation and Technology Innovation: Staff from the Office of Superfund Remediation and Technology Innovation and Federal Facilities Restoration and Reuse Office will be on hand to talk about their various services and to answer questions.
- US EPA Office of Water: Staff from EPA's Office of Water will be on hand to discuss EPA's National Tribal Water Program and answer questions.
- US EPA Office of Emergency Management and Office of Resource Conservation and Recovery: US EPA ORCR and OEM will be providing educational and outreach publications.
- US EPA Office of Brownfields and Land Revitalization: To provide more information for tribes to learn about brownfields.
- US EPA American Indian Environmental Office: Come meet the new EPA AIEO Director and talk with staff about our priorities toward protecting human health and the environment in Indian Country. Spoiler alert – We do more than GAP! Hope to see you there!

Cultural Evening Event ~ Wednesday, August 21



5:15 pm ~ 6:45 pm Conference Center Foyer..... 5:15 pm ~ 6:45 pm

At last year's TLEF we invited Native artisans to share their crafts and culture with attendees. We had canoe-makers, painters, drum-makers, and others from the five Tribal Nations from the area.

This year we have invited basket-weavers, linguists, musicians, staff from Tribal cultural departments, and others from Tribal Nations around the Palm Springs area. We will also be joined by Ta'Kaiya Blaney (see page 24). We are very excited to offer this opportunity for TLEF attendees to learn from Native artisans and share their stories, skills, and experiences.

Please join us for this special evening event in the Palm Springs Convention Center Foyer, after the Multi Media Meetup. It will take place from 5:15 to 6:45 pm.

We want to thank the amazing artisans, and their communities, for participating in this new event!

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Detailed Agenda ~ Thursday, August 22

8:30 am ~ 10:00 am Breakout Sessions 8:30 am ~ 10:00 am

Solid Waste Code Writing for Tribal Environmental Professionals

~ Santa Rosa ~

Details: Overview of federal, state, and tribal laws focusing on the legislative process, and a brief description of issues that a tribal solid waste code could address. Discussion on: 1) Code development and implementation process in Indian Country--each tribe's process is its own 2) Enforcement options 3) Strategies to cultivate public, legal, and governmental support for codes

Presenter: Anne Perry, Snowpony Consulting

Hits and Misses:

Region 7 Experiences with the October Deadline of the 2015 UST Rules

~ Smoketree D/E ~

Details: The October 13, 2018, deadline of the 2015 UST Rules in Indian Country across the country focused new attention on spill buckets, containment sumps, overfill and release detection equipment, and walkthrough inspections. New testing requirements went into effect -- triennial tests for single wall spill buckets, single wall-containment sumps used for interstitial monitoring, and overfill equipment, as well as, annual operability checks for release detection equipment. Additionally, monthly and annual walkthrough inspections became a requirement. Region 7 will give a short overview on outreach efforts leading up to the October 13 deadline, as well as, deliver a compliance update. The rest of the session will be devoted to an open panel discussion where tribal representatives and UST stakeholders from across the country can discuss their experiences with meeting the October 13 requirements of the 2015 Rules. Attendees of this session will gain an appreciation of what goes right and what goes wrong when new regulatory rules are implemented.

Presenters: Mark Junker, Sac & Fox Nation of Missouri in KS and NE and TWAR Steering Committee member; Alisha Bartling, Santee Sioux Nation; Virginia LeClere, Prairie Band Potawatomi Nation and TWAR Steering Committee member; and Michael Pomes, EPA Region 7

Moderator: Page Hingst, Santee Sioux Nation and TWAR Steering Committee member

Using Unmanned Aerial Vehicles (Drones) for Surveying and Inventorying Brownfields and Other Tribal Lands

~Mojave Learning Center ~

Details: Many tribes are using Unmanned Aerial Vehicles (UAVs or drones) to help with emergency response, environmental cleanups and cultural site inventories. But what are the rules, when are UAVs justified, and what do you do with the imagery? This session will provide a brief overview of when and how UAVs can best be used in tribal environmental work. We will cover current EPA guidance on drones, FAA licensing, how to find out about local restricted air space, the cost of owning or contracting UAVs, when it is best to use UAV imagery vs. satellite imagery, when to use a drone vs. contracting an airplane for photographing sites, and what you will need to do to stay current with regulations if you buy a drone for tribal use. We will also demonstrate ways to manage the imagery files from drones using free software such as Google Earth Pro and Open Drone Map. Participants who bring a laptop will have the opportunity to do a hands-on activity using a GeoTIFF taken by a drone to create their own digital maps. We will end with a group discussion of how participants are using UAVs in their own work. Feedback from participants will be used to help the Tribal TAB program develop webinars and workshops on how to analyze remote sensing data from UAVs in a cost effective fashion.

Presenters: Cynthia Annett, KSU Tribal TAB and Jose Garcia, US EPA

Moderator: Scott Nightingale, KSU TAB

Tribal Superfund Working Group Discussion on National Issues

~ Smoketree F ~

Details: Recently there have been many initiatives and proposals regarding Superfund sites that affect Tribal Nations—from risk communication to cross jurisdictional cooperation. This facilitated discussion is for Tribal professionals to share strategies and approaches they use to address these nation-wide challenges, so others can benefit from their experiences. This discussion will be followed by an open Talking Circle for Tribal professionals working on Superfund, and other contaminated sites, during the 10:30 am session.

Moderator: Todd Barnell, ITEP



Detailed Agenda ~ Thursday, August 22



8:30 am ~ 10:00 am Breakout Sessions 8:30 am ~ 10:00 am

Using CWA 319 Funds for Invasive Species Removal on Your Reservation AND

Engaging Communities on Water Through Arts and Culture

~ Chino A/B ~

Details: The EPA Clean Water Act 319 nonpoint source pollution program has the ability to fund implementation or “on the ground” project and activities. Come learn from David Lewis from the Yavapai Apache on their efforts to remove tamarisk from the reservation and replace with native plant species. The session will provide information on how to use appropriate management measures (BMP) to make your project successful. Also, attendees will learn on how to use CWA319 to assess and manage their nonpoint source pollution problems and threats.

Presenter: David Lewis, Yavapai Apache Nation and Howard Kahan, US EPA

Details: Water is Life is a collaborative outreach project that centers local culture in the quest to improve sustainable access to safe water. Public artwork, such as a murals or theater production, can reflect traditional ties to water. The art activities serve as a catalyst to engage community members in water centered education, conversation and planning. The National Tribal Water Center developed a Water is Life curriculum to guide interested leaders in carrying out this outreach project in their own community.

Presenter: Marleah LaBelle, Native Village of Port Graham

Emergency Management

~ San Jacinto ~

Details: Attendees will learn how to assist in preparing for emergencies and establishing the goals and training necessary to provide complete First Responder Service verified as ICS and NIMS compliant, and serve as a FEMA Steering Committee Member. Background on training and education for Casino and Tribal personnel in fire, safety, OSHA policies and procedures and practices.

Presenter: Mike Reyes, 29 Palms Band of Mission Indians



US EPA's Decentralized Wastewater Program AND Regulatory Challenges of the Navajo Gallup Water Supply Project

~ Pueblo A/B ~

Details: The U.S. Environmental Protection Agency (EPA)'s Decentralized Wastewater Program, within the Office of Wastewater Management, helps to provide resources, education, and outreach at a national level for managing and maintaining decentralized wastewater systems, from single home onsite septic systems, to community cluster systems. This presentation will highlight the major updates and achievements of the Decentralized Program throughout the past year, including SepticSmart Week, the Decentralized MOU Partnership, and the Water Finance Center. The Decentralized Program's annual outreach campaign, SepticSmart Week, promotes proper care and maintenance of septic systems primarily at the homeowner level. EPA's Decentralized Wastewater MOU Partnership, which consists of associations and experts in the decentralized field, help to promote the messages of SepticSmart Week to their members, as well as play an integral part in product development. Achievements of the MOU Partnership priorities will also be discussed. Within the Office of Wastewater Management, the Decentralized Program regularly collaborates with EPA's Water Finance Center, most recently launching a new septic systems learning module this past year. Participants will gain an understanding of EPA's Decentralized Program, and learn about the tools they can use in their communities with regard to decentralized systems.

Presenter: Catherine Allen, US EPA

Details: The Navajo Gallup Water Supply Project (NGWSP) is a 20-year \$1 billion drinking water infrastructure project being funded and managed by the Bureau of Reclamation. It will consist of two laterals and is designed to provide long-term sustainable surface water to meet the population needs of approximately 250,000 people on the Navajo Nation by 2040. The San Juan Lateral, over 200 miles long, will serve the western section of the Navajo Nation within New Mexico and the City of Gallup. The Cutter Lateral, about 60 miles long, will serve the eastern section of the Navajo Nation within New Mexico and the southwestern portion of the Jicarilla Apache Nation. Existing public water systems that are groundwater systems will be purchasing NGWSP water, thereby becoming consecutive surface water systems. Four regulatory agencies are involved with the NGWSP – Navajo Nation Environmental Protection Agency, New Mexico Environmental Department, and U.S. Environmental Protection Agency, Regions 6 and 9. The Cutter Lateral is to be in full operation in 2020, with the San Juan Lateral in full operation in 2025.

Presenters: Yolanda Barney, Navajo Nation and Bessie Lee, US EPA Region 9



Detailed Agenda ~ Thursday, August 22

10:30 am ~ 12:00 pm Breakout Sessions 10:30 am ~ 12:00 pm

Building a Tribal Compost Program From the Ground Up AND Developing a Small-Scale Composting Operation at Elk Valley Casino ~ Santa Rosa ~

Details: Food waste is a major problem in the United States as well as potentially valuable resource. This session focuses on the creation of a Tribal compost program including; input from community members, initial planning, cooperation between multiple organizations, outcomes and future uses, as well as lessons learned along the way.

Presenter: Alex Bauer, Stockbridge-Munsee Indian Community

Details: This session will provide an introductory course to the development and implementation of a small-scale composting operation at the Elk Valley Casino. The Environmental Services Department of Elk Valley Rancheria will discuss its experience tackling food waste diversion and share some of the lessons learned throughout the first year of operation.

Presenters: Tasha Royal and Rob Jacob, Elk Valley Rancheria

Moderator: Page Hingst, Santee Sioux Nation and TWAR Steering Committee member

Tribal Superfund Working Group Talking Circle ~ Smoketree F ~

Details: This Talking Circle is an annual event for Tribal professionals working on Superfund, and related sites. This opportunity is so we can all reconnect with each other, and so people new to the field can share their perspectives and meet others facing the same challenges they face. All are welcome to share their stories and thoughts.

Moderator: Todd Barnell, ITEP



Tribal Case Study of a UST Cleanup AND Site Characterization and Remedial Design: The Struggle Is Real ~ Smoketree D/E ~

Details: This session will continue with the UST clean-up progress that was presented at last years TLEF. A brief recap of last years presentation will be given, followed up with updated data, and progress of the remediation and funding of the clean-up.

Presenter: Troy Techlin, Saginaw Chippewa Indian Tribe of MI

Details: The five year ordeal of a catastrophic UST failure at an operating Tribal truck stop is beginning to show some positive outcomes. The site now boasts 18 ground water monitoring wells, 5 vapor intrusion monitors and 25 LiF bores.

Presenters: Lisa Montgomery, Sac & Fox Nation of Missouri in KS and NE; Mark Junker, Sac & Fox Nation of Missouri in KS and NE and TWAR Steering Committee member

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee member

NOTES:

Detailed Agenda ~ Thursday, August 22



10:30 am ~ 12:00 pm Breakout Sessions 10:30 am ~ 12:00 pm

The Northern Cheyenne Tribe's Brownfields Program: Addressing Community Challenges AND Coachella Crossroads: A Brownfields Case Study ~ San Jacinto ~

Details: The Northern Cheyenne Indian Reservation is located in southeastern Montana and is home to almost 5,000 members of the Northern Cheyenne Tribe. Community challenges include high unemployment, poverty, health problems, substandard housing, vacant properties, and abandoned businesses. Federal brownfields funding is helping to address these challenges. Current programs managed by the NC Tribe's Department of Environmental Protection (DEP) include a Section 128(a) Tribal Response Program and an EPA Brownfields Assessment Program. The NC Tribe is also collaborating with a multi-county Brownfields coalition to complete assessments on our Reservation. In recent years, the center of the principal reservation community, Lame Deer, has been transformed by brownfields and other funding sources. A former fueling station at the intersection of two highways was assessed, remediated, and redeveloped as the Northern Cheyenne Commerce Center, a high-visibility location with several active businesses. Goals for the Brownfields program include: improving water, soil, and air quality; reducing human and environmental exposure to contaminants; relieving overcrowding and providing affordable access to healthier homes; improving public health; improving the local economy and generating revenue; providing opportunities for small businesses and jobs; and increasing opportunities for tourist and traveler revenue. The presentation will describe our community's challenges, outline our existing Brownfields programs and funding sources, highlight redevelopment successes, and provide details about potential future funding sources to continue expanding our programs.

Presenters: Wayne Roundstone and Marty Ewing, Northern Cheyenne Tribe, and Adam Johnson, Newfields

Details: Follow the story of an abandoned vineyard and homestead becoming a multi-use green space and economic driver for the Twenty-Nine Palms Band of Mission Indians. Topics covered will include the 128(a) grant process, property inventory and assessment, sampling and analysis plans (SAPs), redevelopment, and current land use.

Presenters: Marco Perez and Shawn Muir, 29 Palms Band of Mission Indians

Revised GAP Guidance Information Session ~ Mojave Learning Center ~

Details: In October 2017, the EPA Office of International and Tribal Affairs (OITA) committed to review the effectiveness of the 2013 General Assistance Program (GAP) Guidance and to identify opportunities to improve the guidance and its implementation. The goal of the evaluation is to hear the full range of tribal perspectives and identify ways to improve the GAP Guidance and/or its implementation to better achieve the purpose of GAP. Through consultation, webinars, Regional Tribal Operations Committee (RTOC) meetings, and information sessions last year, OITA received over 800 comments from tribal governments, intertribal consortia, and tribal partnership groups to inform improvements to the Guidance. In September 2019, OITA will release draft revised Guidance and a revised GAP allocation formula for a 90-day consultation, culminating in final Guidance in the Spring of 2020. Tribal leaders and environmental staff are invited to participate in this session to learn more about how to best prepare for the upcoming consultation, including next steps in the evaluation process and purpose for GAP allocation methodology revisions.

Presenters: Felicia Wright and Lisa Berrios, US EPA

Volunteers Make It Happen!

Thank you to all the TLEF attendees who helped us out as volunteers. We so appreciate your assistance!

You'll find them helping with all types of TLEF activities—guiding other attendees around, assisting with field trips and special events, lending a hand with registration, and lots more. They make it all happen!



Detailed Agenda ~ Thursday, August 22

10:30 am ~ 12:00 pm Breakout Sessions 10:30 am ~ 12:00 pm

Implementation of 3Ts Lead in Tribal Schools Sampling Programs

~ Pueblo A/B ~

Details: The 3Ts for reducing lead in drinking water at schools and child care facilities are training, testing, and taking action. The EPA Region 6 Drinking Water Program is partnering with Tribal Nations to implement a one-time sampling event of tribal schools and child care facilities served by Region 6-regulated public water systems utilizing the 3Ts. Through this sampling effort, EPA Region 6 has joined forces with tribal leadership, drinking water operators, environmental staff, and school administrators to sample these facilities and provide opportunities to address potential sources of lead in tribal school drinking water. Children are especially vulnerable to the effects of lead even at low levels, and school drinking water may act as a chronic source of exposure. This presentation from EPA Region 6 Drinking Water staff will feature lessons learned on implementing the 3Ts, results of sampling and source investigations to-date, and a brief discussion of funding opportunities to support Tribal 3Ts-related efforts. Participants will learn about the importance of routine monitoring of lead in school drinking water and how to implement a 3Ts program at a school or Tribe.

Presenters: Loribeth Tanner and Meaghan Bresnahan, US EPA Region 6

"Surviving the Perfect Storm" AND

PBPN Wetlands:

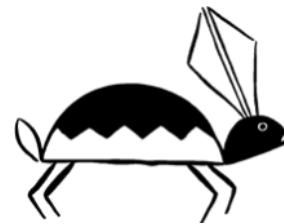
The First Tribal Wetlands Restoration Easement Contract in Kansas and One of Few Nationwide ~ Chino A/B ~

Details: We will provide details leading up to and the aftermath of the March 13 2019 flooding in Northeast Nebraska

Presenters: Justin Avery, Corey Widow, and Alisha Bartling, Santee Sioux Nation

Details: How the Prairie Band Potawatomi Nation and NRCS developed a rewarding partnership resulting in a 30-year contract to restore the functions and values of an existing wetland, enhance wetland wildlife habitat and improve the overall water quality for the contract area.

Presenter: Virginia LeClere, Prairie Band Potawatomi Nation and TWAR Steering Committee member



NOTES:

Detailed Agenda ~ Thursday, August 22



1:30 pm ~ 3:00 pm Breakout Sessions 1:30 pm ~ 3:00 pm

Providing Household Hazardous Waste Assistance to New Mexico Pueblos and Tribes AND Solid Waste and Household Hazardous Waste Tracking Methods and Forms ~ Santa Rosa ~

Details: ENIPC-OETA will present on how they organized their proposal to receive EPA Tribal Hazardous Waste Management funds, and how they implemented their project to serve 22 pueblos and tribes.

Presenter: Amity Furr, ENIPC

Details: The Pala Environmental Department (PED) has steadily built up their solid waste program over the last decade to include trash disposal, mulching/composting, recycling, and a new Household Hazardous Waste (HHW) curbside collection pilot. PED has also had to develop a number of different tracking forms (for customers of our transfer station as well as staff), inventory sheets, grant and financial tracking, and SOP's for all of our programs. We will review our various tracking methods, databases, forms, SOP's, and expertise so that other tribes can learn from our missteps along the way without having to re-invent the wheel themselves. This will help tribes in their own efforts to run a recycling/HHW program and/or set up a transfer station of their own.

Presenters: Heidi Brow and Alexis Wallick, Pala Band of Mission Indians

Emerging Issues and Trends in Fueling Systems: Observations and Solutions ~ Smoketree D/E ~

Details: This is a Contractor's Perspective (Tanknology) on what issues are continuing to plague USTs and what new observations are being made during functionality testing and repairs and what is unique to the various fuel blends. This would be followed by an equipment supplier who can talk about the manufacturing industry's response and observations on the roll out of E15 and B20 (and higher blends).

Presenters: Jeff Dzierzanowski, Source NA, Victoria Flowers, Oneida Nation and TWAR Steering Committee member, and Todd Fergeson Tanknology (invited)

Moderator: Victoria Flowers, Oneida Nation and TWAR SC member

Area Planning for Oil Spills: How To Be Involved AND Leveraging Authorities: Tribal Response to a Train Derailment and Spill ~ Smoketree F ~

Details: We presented a panel at the 2018 Forum on planning around oil transport through Washington waters and inland areas. A major concern expressed in 2018 was around protect tribal interests from a railroad incident. One of the major "take away" for the audience was the need to be more involved in the area planning process in their regions. This presentation will identify how to find the area planning committees, and provide tools for how get involved.

Presenters: Nhi Irwin and Linda Pilkey-Jarvis, WA State Dept. of Ecology

Details: In February 2019, a Burlington Northern Santa Fe train loaded with coal derailed on the Fond du Lac Reservation in northeastern Minnesota, sending 40 cars off the tracks and spilling over 4600 tons of coal across the site and onto the frozen St. Louis River. Because of the location of the spill, and the Band's authorities under the Clean Water Act, tribal staff quickly mobilized to establish communication and information sharing with BNSF. With pressure from tribal leadership and legal staff, BNSF came to recognize tribal authorities and staff capacity to inform incident response, short term cleanup objectives, and longer term ecological recovery. The EPA On-scene Coordinator and state agency Emergency Response staff provided timely and helpful technical assistance while respecting tribal sovereignty. The early response actions were successful in clearing the wreckage and over 95% of the spilled coal with no worker safety incidents. Long term ecological monitoring will enable the Band to determine whether the upland and riverine impacted sites fully recover or if additional remedial work is warranted.

Presenter: Nancy Schuldt, Fond du Lac Band of Lake Superior Chippewa

Moderator: John Wheaton, Nez Perce Tribe and TWAR Steering Committee member



Detailed Agenda ~ Thursday, August 22

1:30 pm ~ 3:00 pm Breakout Sessions 1:30 pm ~ 3:00 pm

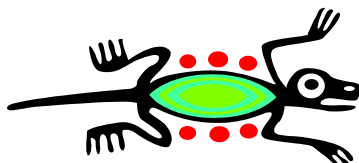
Leveraging Brownfields to Build Tribal Resilience

~ San Jacinto ~

Details: Tribal communities embody resilience through unique socioecological, cultural, and legal contexts. While there is growing focus on opportunities to build more resilient and sustainable communities with various federal, state, and local programs, much of the effort has been on cities and urban areas. However, many tribes face persistent revitalization and redevelopment hurdles that may inhibit their ability to adapt to or rebound from environmental, economic, and social challenges. What does resilience mean in Indian Country? And how can tribes leverage strategies and tools toward locally determined goals? This interactive session will introduce a series of resiliency principles and brownfields resources toward a practical framework that can help build capacity and facilitate success. It will also involve dialogue, input, and feedback from tribal professionals in attendance to ensure improved approaches, peer mentoring, and lessons learned.

Presenters: Jennifer Clancey and Oral Saulters, KSU Tribal TAB, Page Hingst, Santee Sioux Nation of Nebraska and TWAR Steering Committee member, Mike Henry, Tohono O'odham Nation, and Damon Dunbar, Cheyenne-Arapaho Tribes

Moderator: Oral Saulters, KSU TAB



Success Stories:

How To Highlight Tribal Work Reducing Nonpoint Source Pollution

AND

A Journey of 1,000 Miles: Fire, Water and Earth on Santa Clara Pueblo

~ Pueblo A/B ~

Details: The EPA Clean Water Act 319 Non-point source pollution program helps tribes improve the water quality on their reservation. This session will focus on the recent development of the tribal success story database that allows tribes to showcase their work and create a two page "fact Sheet" and the development of the CWA 319 highlight report that focuses on tribes that have successfully implemented on the ground projects that resulted in environmental benefits to their reservations. Session attendees will have the opportunity to learn about the next steps and provide suggestions on how to improve the database.

Presenter: Howard Kahan, US EPA

Details: A presentation on water quality improvement projects funded under the EPA 319 Tribal Non Point Source Pollution Prevention program. These projects were initiated in the Santa Clara Creek Watershed in the aftermath of the 2011 Las Conchas Fire and subsequent flooding events which destroyed 75% of the watershed already impacted by previous fires. The presentation will provide information on some of the steps to improve water quality in the Santa Clara Creek and its overall role in the restoration of the area.

Presenters: Dino Chavarria and Robert Gutierrez, Santa Clara Pueblo

Moderator: Rebecca Stevens, Coeur d'Alene Tribe and TWAR Steering Committee member

NOTES:

Detailed Agenda ~ Thursday, August 22



1:30 pm ~ 3:00 pm Breakout Sessions 1:30 pm ~ 3:00 pm

Watershed Planning and Implementation: Using the Watershed Approach in Your Nonpoint Source Program

~ Chino A/B ~

Details: This session will provide a brief overview of the tribal nonpoint source program, with an extended discussion on using the watershed approach and watershed planning to grow the nonpoint source program. The session will provide examples of watershed work being done by:

- Big Valley Band of Pomo Indians – Watershed approach to addressing harmful algal blooms.
- Red Lake Band of Chippewa – Northwest Angle Watershed Plan, a protection plan
- Bad River Band of Lake Superior Chippewa – Marango River Watershed, a plan with partners
- Shakopee Mdewakanton Sioux – Prior Lake Watershed, a plan in an urban context

Presenters: Sarah Ryan, Big Valley Band of Pomo Indians and Janette Marsh, US EPA

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- ▶ Multimedia Meetup (8/21, 3:30-5:00pm)
- ▶ Northern Cheyenne Tribe Presentation (8/22, 10:30-11:15am)
- ▶ Exhibitor Area

Contact:

Adam Johnson
Missoula, Montana
(406) 549-8270
ajohnson@newfields.com



Closing Plenary ~ Thursday, August 16

3:30 pm ~ 5:00 pmClosing Plenary 3:30 pm ~ 5:00 pm

Closing Plenary: California Grand Ballroom 3:30 pm - 5:00 pm

SPECIAL PRESENTATION BY THE AGUA CALIENTE BAND OF CAHUILLA
INDIANS ON THEIR BIG HORN SHEEP CONSERVATION WORK

FINAL RAFFLE

Thank you all for joining us at this ninth TLEF. We hope your experience was filled with beneficial conversations, and useful information, and that you return home with some new ideas and inspiration. We wish you all safe and pleasant travels.

Meet Your On-Site ITEP Staff

All of us at ITEP want to thank you for your attendance and participation in the Tribal Lands and Environment Forum. We hope you find it useful in your ongoing work protecting tribal lands, water, and people.



Ann Marie Chischilly, Executive Director

Todd Barnell, Project Director
Julie Jurkowski, Program Coordinator Sr.
Julie Tieman, Event Coordinator Sr.

Jennifer Williams, Program Coordinator Sr.
Lisa Vandever, Program Coordinator
Melinda Yaiva, Business Manager

Julaine Scott
Natalia Shaw
Natasha Fulton
Lydia Scheer
Amanda Kapp

Mehrdad Khatabi
Mark Daniels
Elaine Wilson
Nikki Cooley
Karen Cozzetto



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RIDOLFI

Environmental



Catherine Allen manages the Sustainable Communities and Infrastructure Branch in USEPA's Office of Wastewater Management. The Branch manages EPA funding programs for wastewater infrastructure for tribes, Alaska Native Villages, several territories, and along the US-Mexico Border. The Branch also implements the EPA decentralized (septic system) wastewater program, as well a wastewater technology program and the Sustainable Utility Management Program. Past EPA work has included climate change adaptation, international environmental health, land revitalization, pollution prevention, and Great Lakes protection. Catherine received a MS in environmental engineering from Johns Hopkins University and degrees in political science and mechanical engineering from Stanford University.

Levi Anderson is an Environmental Specialist and Lab Manager for the Twenty-Nine Palms Band of Mission Indians Tribal EPA. He holds a Bachelor of Arts degree in Environmental Science and is a Certified Groundwater Monitoring Specialist. Levi is primarily responsible for executing the Tribal EPA's water programs that operate under Section 106 and Section 319 of the U.S. Clean Water Act. These programs involve regular monitoring of the Tribe's surface water and groundwater resources for the prevention, reduction, and elimination of water pollution. Levi conducts water sampling events and performs laboratory analysis of water samples to achieve these goals. Additionally, he is responsible for the regular maintenance and operation of 29 Palms Laboratory, an analytical laboratory owned and operated by the Tribe.

Cynthia Annett, PhD, is a Research Associate Professor with the Center for Hazardous Substance Research at Kansas State University, leading workshops on database management and mapping for the Tribal Technical Assistance to Brownfields (Tribal TAB) program. She is also a Google Earth Outreach Trainer, working with Indigenous communities worldwide to help them develop their own landuse/land occupancy maps. Her background is in fisheries, river management, marine biology and environmental science, although her current work focuses on capacity building for tribal environmental and cultural inventories/mapping. One of the most important aspects of her work is the belief that communities should create and own their own maps, without external consultants or experts involved at any stage of the process. To this end she takes a "train-the-trainer" approach, using platforms that are free, and helping to develop data sovereignty plans to ensure that tribes retain control of their geospatial data.

Justin Avery is the Water Quality Coordinator for the Santee Sioux Nation in Nebraska, where Justin monitors the watersheds, including but not limited to surface water, ground water, and wetlands within the reservation boundaries, including water grab samples, macroinvertebrate collection, habitat assessments, mapping with GIS equipment, and proper documentation. Justin has always had a strong influence in the sciences with his mother being a college then high

school science teacher along with his mother in-law also being a high school science teacher with multiple accolades to her name. Justin enjoys spending time with his wife and two sons, training and riding horses, caring for livestock, and managing a small wireless internet business on the reservation.

Yolanda Barney is the Manager of the Navajo Public Water Systems Supervision (PWSS) Program of the Navajo Nation Environmental Protection Agency. The Navajo PWSS Program regulates 170 public water systems that serves about 176,000 people on the Nation. Since 2000, the Navajo Nation is the only federally-recognized tribe to have primacy (or enforcement authority) of public water systems within the exterior boundaries of the Navajo Nation.

Mark Barolo, Deputy Director of US EPA's Office of Underground Storage Tanks. OUST is responsible for implementing the national UST/LUST program to prevent and clean up UST releases. OUST works closely with its tribal, state, and industry partners to develop practical solutions to the ever-evolving program challenges and opportunities. He's worked in OUST since 1993 in a variety of capacities, and always appreciates the opportunity to talk with and learn from our tribal partners & other professionals in the industry.

Alisha J. Bartling, began her employment with the Santee Sioux Nation in 2013 as the Deputy Director and the CWA 319 NPS Coordinator. In 2014, she transitioned into the Environmental Director position that she still currently holds. Alisha currently serves as the Region 7 RTOC Vice Chairperson and the E-Enterprise Region 7 Tribal Delegate. Alisha received her Bachelor Degree from Wayne State College, Wayne, Ne. in 1999. Graduating with a Double Major in Speech Communications and Mass Communications with an emphasis in Broadcasting and Public Relations. She also holds her substitute teaching certificate and is a licensed EMT in the State of Nebraska for the past 9 years.

Dr. Laurel Berman is an Environmental Health Scientist who serves as ATSDR's lead on land reuse in the Land Reuse Health Program, which integrates public health and redevelopment from the early planning stages. Dr. Berman is also a Robert Wood Johnson Foundation Culture of Health Leader, focusing on creating Healthfields as a national practice.

Lisa Berrios is a Senior Advisor in the EPA American Indian Environmental Office in the Office of International and Tribal Affairs. Prior to this position, Lisa was the Acting Deputy Office Director of AIEO from January 2018 – April 2019, and was the EPA Region 4 Regional Indian Coordinator from 2012 until she joined AIEO. Prior to her employment with EPA, Lisa worked with United South and Eastern Tribes, Inc., an intertribal consortia located in Nashville, TN, as the Office of Environmental Resource Management Director for 8 years. She has a MS in Geology from Vanderbilt University and a BS in Geology from Smith College.



Dr. Suzie Boxman works at the US Environmental Protection Agency (EPA) in the Office of Resource Conservation and Recovery (ORCR) within the Office of Land and Emergency Management. Within ORCR she is on the sustainable materials management (SMM) team, which works to develop national policies and programs that encourage using and reusing materials more productively over their entire life cycles. Her focus area is the built environment which encompasses buildings and infrastructure. Prior to working at the EPA, Suzie completed a post-doc at the National Center for Mariculture in Israel where she studied land-based aquaculture systems that used plants to remove nutrients from aquaculture wastewater. She holds Ph.D. and M.S. degrees from the University of South Florida and a Bachelor's degree from the University of Florida.

Hans Bradley is the Brownfields Coordinator for the Standing Rock Sioux Tribe.

Alex Brauer serves as the Natural Resource Technician for the Stockbridge-Munsee Community. His main duties include running the solid waste and recycling program, composting program, performing baseline monitoring on tribal streams and wetlands, delineating wetland boundaries for the SMC forestry department, carrying out various grant related projects, among other duties. Alex received his Bachelor of Science degree from the University of Wisconsin Stevens Point, majoring in biology as well as fisheries and limnology. He has completed basic and advanced wetland delineation training through UW-LaCrosse Continuing Education. Alex also has extensive master's coursework in Geographic Informational Systems from UW-Stevens Point. His professional experience includes 5 years of employment as an Aquatic Ecologist with an independent environmental consultant in northeast Wisconsin and has been in his current position with the Tribe since April of 2014. Alex is also co-owner and operator of a modern apple orchard near his home in Wittenberg, WI.

Meaghan Bresnahan is the Tribal Drinking Water Manager in EPA Region 6, based in Dallas, TX. She has oversight of about 90 tribal water systems, which serve water to nearly a quarter million Native Americans. She trains federal agencies and EPA regions how to perform sanitary surveys of drinking water systems and is taking part in Region 6's lead in tribal schools and daycares project. She has a B.S. in Environmental Biology from Georgetown University.

Aaron Brignull is an Environmental Scientist for Campbell Environmental Group and has been working with Tribal partners since 2007. He has experience in a wide variety of environmental projects including assisting on more than 60 Brownfields Sites in the State of Maine. He regularly conducts Phase I and II Environmental Site Assessments, develops quality assurance project plans, and prepares technical reports. He has worked closely with the Passamaquoddy Tribe and the Houlton Band of Maliseet Indians to develop, sup-

port, and implement their 128 (a) Tribal Response Grants and the Passamaquoddy 104 (k) Community Wide Hazardous Substances Assessment Grants.

Joy Britt is a Senior Program Manager at the Alaska Native Tribal Health Consortium. She manages the Contamination Support Program, which includes the Brownfields/Tribal Response Program, Tribal Technical Assistance to Brownfields, and the Rural Alaska Monitoring Program.

Mike Brook is a software developer with the Alaska Native Tribal Health Consortium, and the lead developer for the Tribal Brownfields Forum and the Local Environmental Observer Network. His interests are at the intersection of technology and health, especially environmental health.

Heidi Brow has been the Water Resource Specialist for the Pala Band of Mission Indians (San Diego, CA) since 2005. She oversees the tribe's water resource program, including water quality monitoring and drinking water programs, grant management, developing water-related reports for the tribe, conducting regular outreach to both the tribal community and watershed-wide outreach, works on tribal youth science programming, and a variety of different water-conservation implementation programs. Additionally, she has worked on several of the tribe's climate change efforts, including: reports, planning, and outreach with the Climate Science Alliance. She has also served as a board member (Secretary/Treasurer) for the San Luis Rey Watershed Council since 2009. She currently oversees most of their reporting, social media/website and general outreach, and helps with their grant management.

Steve Calanog has been with the USEPA in Region 9 since 1992 working as a Federal On-Scene Coordinator for most of his career. His primary responsibilities include responding to large chemical and oil spills, as well as natural disasters. Steve has served as EPA's Incident Commander for numerous wildfire cleanups, oil spills, and hurricane responses. When not responding to emergencies Steve also oversees time-critical clean-ups of hazardous waste contamination. Steve is a Department of Homeland Security certified Incident Commander and Incident Command System instructor.

Rich Campbell is a geologist for Campbell Environmental Group. He has provided support on over 100 Brownfields Sites. He has assisted Tribal Brownfields Programs in EPA Regions 1, 2, 4, 5, and 10. He has been conducting environmental investigation and remediation projects since 1988. He holds a Master of Science Degree in Geology from the University of Idaho and a Bachelor of Science Degree in Geology from the State University of New York at Stony Brook.

Lisa Castilone, Tribal Program Manager & Community Development, at GRID Alternatives (GRID), Inland Empire (IE) office. Over the past 9 years, Lisa has been responsible for direct outreach in designated disadvantaged communities,



building GRID brand, expanding GRID services and promoting GRID programs. Over the years, Lisa has been responsible for establishing formal relationships within Riverside, San Bernardino and Inyo counties, cities, non-profits and Native American governments. Lisa has coordinated over 800 single-family solar installations, more than 350 being on Tribal reservations throughout the IE. Lisa is an experienced program manager, grant writer and a hands-on person, with a strong sense of advocacy in effecting change within the IE. Lisa is a forward thinking environmentalist, who loves dogs and the outdoors. Lisa is committed to creating a healthier tomorrow for future generations by implementing the three R's: Renew, Reuse and Recycle!

Michael Chacón is the Technical Reviewer/Quality Assurance Manager for the Pueblo de San Ildefonso Department of Environmental and Cultural Preservation. He has over 25 years of experience in the environmental field, including RCRA Subtitle C Hazardous Waste regulation; Quality Assurance /Quality Control; and Natural Resource Damage Assessment and Restoration, with the Pueblo, the New Mexico Environment Department, the New Mexico Department of Military Affairs, and in private industry.

Dino Chavarria is the Environment Director for Santa Clara Pueblo in New Mexico. He oversees programs in various environmental media such as Superfund, Water Quality, Solid Waste and Air Quality.

Margaret Chavez is from Santo Domingo Pueblo, one of nineteen in New Mexico. She is a graduate of the University of New Mexico with a Bachelor of Business Administration. She has been working in the environmental field for over 23 years starting with the Superfund Program as the Community Relations Coordinator. Over the years she has worked in various capacities including Solid Waste, Brownfields, Superfund, Pesticides, and Hazardous Waste, but her passion is working with tribal governments and tribal communities. She enjoys interacting with youth and talking with elders. Under the Eight Northern Indian Pueblos Council, Inc. she helps organize and coordinate the annual Tribal Youth Environmental Summer Camp for high school students. She leads many solid waste efforts (trainings, events, projects) amongst New Mexico pueblos and tribes.

Dr. Jubin Cheruvilil is a behavioral ecologist who addresses issues at the intersection of human health and the natural environment. In his role as an Specialist with Michigan State University Extension - Health and Nutrition Institute, he serves the community health needs through assessment, development, planning, implementation, and evaluation of health solutions (programs, curriculum, research). He seeks to 1) advance scientific understanding that informs the biobehavioral basis of health, 2) connect patterns through health and behavioral studies with processes understood through analysis of large datasets, modeling, and simulation, and 3) elucidate

the roles and effects of social determinants of health for underserved and vulnerable communities.

Jennifer Clancey is collaborating with Kansas State University Technical Assistance to Brownfields (TAB) on tribal initiatives. With years of experience in community revitalization and brownfields redevelopment, she takes great pride in working with communities that have been historically underserved by assisting them with realizing their community vision and working to implement this vision in order to bring about meaningful and beneficial change.

Nikki Cooley is the co-manager for ITEP's Tribal Climate Change Program. She is of the Diné Nation by way of Shonto and Blue Gap, AZ, and is of the Towering House Clan, born for the Reed People Clan, maternal grandfathers are of the Water that Flows Together Clan, and paternal grandfathers are of the Manygoats Clan. Her undergraduate and Masters studies includes extensive work with the Cherokee Tribe of North Carolina, and has worked with various tribes including the Kaibab Paiute tribe. Nikki's current work takes her all over the country working with regional, national, tribal and federal partners to address climate change impacts on tribal culture and resources.

Fred Corey has served as Environmental Director for the Aroostook Band of Micmacs (northern Maine) since 1996, and is responsible for the development and management of all Tribal natural resource programs. In addition to his work with the Aroostook Band of Micmacs, Fred has served on the Tribal Superfund Working Group, has served as co-chair of EPA's Forum on State and Tribal Toxics Action (FOSTTA) Tribal Affairs Project, and currently serves as chairman of EPA's Tribal Pesticide Program Council (TPPC), and as vice-chairman of EPA's National Tribal Toxics Council (NTTC). Fred's professional interests include environmental chemistry, Tribal risk assessment, and Tribal environmental law.

Vivian Craig is a Sr. Environmental Specialist for the Navajo Nation EPA Superfund Program. Vivian loves her job working for her Diné on the great Navajo Nation. Her work on the Contaminated Structure Project has many rewards, and she enjoys sharing her expertise and challenges with other tribal programs.

Brian Crossley is currently the interim Midnite Mine support contact for the Spokane Tribe. He has been involved with the mine for 20 years related to water quality, fisheries and wildlife issues. He is the Water and Fish Program Manager, implementing water quality standards, non-point source pollution projects and conducting water quality and quantity monitoring across the Reservation. Brian was educated at University of Idaho and worked in both Oregon and Idaho before coming to the Tribe.

Ignacio Dayrit directs the Center for Creative Land Recy-



clinger's (CCLR) technical assistance program for redevelopment projects. At the City of Emeryville's Redevelopment Agency, he directed the city's Brownfield Program which led to the redevelopment of hundreds of acres of blighted property. For CCLR, he has assisted states, cities and tribes obtain more than \$50M in EPA grants and technical assistance. He has over 30 years of experience in public sector development including: fiscal and financial analysis, public debt financing, feasibility analyses, and design in urban and rural settings.

Damon Dunbar, M.S., Community Development Director and Environmental Agency (Tribal) Director with the Cheyenne-Arapaho Tribes in Oklahoma. Through his leadership, the Tribe has successfully secured and implemented myriad EPA, HUD, BIA and other grants and contracts toward better quality of life for the community.

Larry Dunn has a BAS degree, has sat on review boards for Washington Department of Ecology, and worked with EPA on the Washington fish consumption issues, while working as the cleanup manager for the Lower Elwha Tribe on an ex-superfund, state led site for over 9 years until retirement.

Helen Duteau is the Chief of the Community Involvement and Program Initiatives Branch in the Office of Superfund Remediation and Technology Innovation at US EPA.

My name is **Cornelia Farley-Widow**, of the Navajo Nation. My job title is Water Quality Technician for Santee Sioux Tribe Office of Environmental Protection. I have been with OEP since June of 2018. Started as an Intern and now have found my place among the team. I attend college at Nebraska Indian Community College and received my Associate of Science in 2018. Married with two daughters, ages, 14 and 13, a son that is 7 years old. Love working with the team that Ali-sha has built.

Victoria Flowers works for the Oneida Nation as an Environmental Compliance Coordinator. She has worked for the Nation for 15 years and with her colleague have developed a UST Boot Camp Workshop that has trained over 400 individuals representing over 100 Tribal Nation.

Suzanne M Fluharty received her PhD in Environmental Sciences from Oregon State University's College of Science with dual majors in Applied Anthropology; Botany and Plant Pathology with a focus on Native American Natural Resources. Honors include being a recipient of the National Association for the Advancement of Colored Peoples, Corvallis Oregon Branch Volunteer of the Year Award for 2001 for her community involvement and mediation between the city and regional Tribes regarding the removal of a derogatory name for a local creek. She has been an instructor at both the University and Community College level and has over two decades experience working with various Native Ameri-

can Tribes whose ancestral territories include the coastal regions of the Pacific Northwest. Currently Suzanne is the manager for the Community and Ecosystem Health Division of the Yurok Tribe Environmental Program. Primary roles with the Yurok Tribe include: Principal Investigator of US EPA, National Center for Environmental Research Science to Achieve Results Grant: Climate Change Impacts to Yurok Resources: Identifying, Assessing and Adapting to Changes in Water and Aquatic Resources, Food Security and Tribal Health Impacts; and Co-Principal Investigator and Project Field manager of US EPA, National Center for Environmental Research Science to Achieve Results Grant, Understanding the Cumulative Affects of Environmental and Psycho-social Stressors that Threaten the Pohlik-lah and Ner-er-ner Life-way: The Yurok Tribe's Approach. Other select papers and presentations include: Cumulative Assessments and Tribal Subsistence (2010), co-authored with Dr. Kathleen Sloan and presented at National Tribal Science Forum, National EPA-Tribal Science Council and the Grand Traverse Band of Ottawa and Chippewa Indians; Practical Applications for Botanical Education in Native American Traditional Ecological Knowledge (2007), Society of Economic Botany 49th Annual Meeting, Duke University, Durham, NC; , Native American Estuarine Resources 2006, with Dr. Roberta Hall, Mark Hatfield Marine Science Center, Newport, OR; and One Tribe and Its Environment: What can an investigation of culture add to resource planning? (2006) Crossing Boundaries: The 9th Annual Environmental Joint Campus Conference.

Whitney Fraser is an environmental scientist specializing in representation of communities dealing with hazardous sites, Ms. Fraser has worked with the Colville Confederated Tribes since 2006. Her company is Lodestone Environmental Consulting LLC.

Amity Furr is a graduate of New Mexico State University with her Bachelor of Science in Environmental Science. She has worked with the Eight Northern Indian Pueblos Council for two and a half years. Amity wears many hats managing the Pesticide and HHW programs as well as working under the Brownfields Program and GAP. Before coming to ENIPC-OETA, Amity performed compliance inspections on sewage interceptors for the City of Houston Health Department.

José García joined EPA Region 9's Brownfields Program in 2013 and has worked at EPA since 2006. He is the team lead for grants in Arizona, the 128a State and Tribal Response Program, and is the Tribal lead for Region 9's Brownfields Program. Prior to joining Brownfields, he worked in Region 9's US-Mexico Border Program and as a Community Involvement Coordinator in the Superfund Program. He received a Bachelor's degree of Political Science and a Bachelor's degree of Sociology from the University of California, Santa Barbara and a Masters of Public Policy and Master of Natural Resources and the Environment from the University of Michigan. During his spare time he likes undertaking home im-



provement projects, vegetable gardening and wrangling his two young boys.

Thomas “Tom” Gardner has been with the Standards and Health Protection Division in the EPA Office of Water since 1997. Prior to coming to Washington, he served 2 years with the Ecosystem Protection Branch at EPA Region 6 in Dallas and 4 years with the NPDES Permits Branch. On Detail to the Nevada Division of Environmental Protection in 1994, he revised water quality standards for Lake Tahoe streams. He received his Master’s Degree from Miami University in Oxford Ohio, and his Ph.D. from the University of Texas at Dallas. He did Postdoctoral work at the University of Oklahoma, where he conducted research into the effect of grazing fish on stream ecosystems.

Lisa Gover (Pawnee/Comanche) is the Director of the Campo Band of Mission Indians Environmental Protection Agency which is one of the oldest Tribal Environmental Agencies in the nation. Campo EPA administers a 103 Clean Air Act Program, Clean Water Act 319 and 106 Programs, GAP and a BIA funded Climate Change Program. Lisa is Campo’s delegate to the Region 9 RTOC, the National Tribal Air Association, the Western Regional Air Partnership, and is Region 9’s designee to the EPA E-Enterprise Leadership Council. Campo lands border the US/Mexico Border in the Eastern part of San Diego County in California – a fraction of the historic Kumeyaay territory. Campo is one of 12 Bands of the Kumeeyay.

Jill E. Grant is the founding member of Jill Grant & Associates, LLC in Washington, D.C. Her work focuses on the development, implementation, and enforcement of tribal environmental laws and programs and associated administrative and appellate litigation. She has assisted tribes with obtaining “treatment as a state” and primacy for many tribal environmental programs, including the first delegated tribal Clean Air Act Title V permit program and the first tribal public water systems supervision program. She also works with tribes to develop water quality standards and to obtain proper remediation at Superfund sites and leaking storage tank sites. Ms. Grant previously worked in the Office of General Counsel at EPA, where she was on the team that drafted the Clean Air Act Amendments of 1990 and assisted in developing the acid rain program. Ms. Grant earned her BA from Yale College and her JD from Harvard Law School.

Professor James Grijalva teaches courses related to Indian Country Environmental Law, Environmental Law, Administrative Law and Property. Since 1996, he has worked with the governments and grassroots organizations of over 50 Indian tribes across the country as the Director of the Tribal Environmental Law Project, which he founded as a component of the Northern Plains Indian Law Center. Professor Grijalva has written numerous journal articles on environmental issues affecting Indian country, including a book entitled CLOS-

ING THE CIRCLE: ENVIRONMENTAL JUSTICE IN INDIAN COUNTY. He has served as a technical services contractor for the American Indian Environmental Office of the U.S. Environmental Protection Agency, and as an environmental law dispute resolution trainer for EPA’s Office of Environmental Justice. He was the Senior Fulbright Scholar for Aboriginal Legal and Resource Rights at the University of Alberta, Canada in 2009.

Robert Gutierrez started in 2019 as the Water Quality Coordinator for the Santa Clara Pueblo Office of Environmental Affairs. Robert conducts surface water monitoring and data management of the information collected under the water quality program

Susan T. Hanson is an environmental scientist and has served the Shoshone-Bannock Tribes in her current position since 2004. Her responsibilities include work on National Priority List Superfund Sites, Resource Conservation and Recovery Act sites and mining reclamation sites. She works to ensure toxic and hazardous contaminants are identified and remediated, minimizing exposure to the Tribal communities and ecological receptors. She continues to work to ensure Native American Risk Scenarios are factored into clean-up decisions. Ms. Hanson has more than 26 years experience as an environmental professional including work in the private sector, state, federal and tribal governments. She holds a BS in biology and a MS in hazardous waste management, biology and engineering from Idaho State University and has completed postgraduate studies in toxicology and risk assessment. Susan participates in national workgroups to further the rights of tribal nations to protect their land, resources and health. She is a member of the National Tribal Toxics Council (NTTC), the CDC National Tribal Environmental Health Think Tank and a former member of the Department of Defense Native Policy Steering Group, EPA’s Superfund Enhanced State and Tribal Role Initiative, CDC’s National Conversation’s Public Health and Chemical Exposure workgroup. **Frank Harjo** has over 12 years of GIS/GPS experience and has managed the Muscogee (Creek) Nation’s GIS activities since 2009. His experience with the EPA Exchange Network dates back to 2006 when he started EN activities with the Cherokee Nation. The Muscogee (Creek) Nation recently developed the Open Waters database to begin flowing water quality data through the WQX data exchange. Currently, the tribe is in the process of developing an Emergency Response application using existing data flows and collaborating with other tribal partners. Frank began participation with the Tribal Governance Group (TGG) in 2010 and also began serving on the Network Operations Board as part of the Exchange Network Governance. Frank currently serves on the Exchange Network Leadership Council (ENLC) as one of the tribal representatives. Frank has given various presentations on the Exchange Network at the Tribal EN conference, National EN Conference, and NCAI Annual Conference.



Mickey Hartnett is a Kansas State University Tribal Technical Assistance to Brownfields (KSU-Tribal TAB) Co-Director to provide technical assistance to tribes and tribal communities on 128(a) Tribal Response Programs and other brownfield issues. Served as a tribal circuit rider for the US EPA Region 8 from 2004 to 2014 provide technical assistance and training to tribes for Tribal Response Programs - Brownfields, solid waste and emergency response. Prior experience includes 25 years with the US EPA in the hazardous wastes, Superfund and Brownfields programs. He has diverse and extensive experience in assessment, remediation and redevelopment/reuse of contaminated sites and properties, including Brownfields and Superfund Sites. He is a graduate of the University of Florida with a B.S.E. in Environmental Engineering.

Amanda Hauff is the National Tribal Program Manager for EPA's Office of Chemical Safety and Pollution Prevention. Amanda has worked closely with tribes throughout her EPA career. Today, she works with tribes on toxics exposures, pesticides, pollution prevention and more. She collaborates closely with the National Tribal Toxics Council, the Tribal Pesticide Program Council, and the National Tribal Science Council. Currently, she is focused on: 1) identifying tribal life-way exposure scenarios that may be considered for the Agency's TSCA and FIFRA risk assessment processes; and 2) acting to reduce childhood lead exposures in Indian country.

Mike Henry, Environmental Specialist, leads the Tohono O'odham Nation EPA Brownfields Program. Mike has used Tribal Response Program 128(a) and Targeted Brownfields Assessment resources to perform much needed environmental sampling and cleanup planning for sites throughout TON; he also works closely with EPA Region 9 Project Officers to conduct training, workshops, and peer learning for other tribes in the Pacific Southwest.

Russell Hepfer, a Lower Elwha Klallam Tribal member, grew up on the Lower Elwha Klallam Reservation located near Port Angeles, Washington. He has exercised his treaty harvest rights since 1977, harvesting fish and shellfish, including commercial diving for geoduck. He taught himself to fish and then passed those skills on to his sons and a nephew. Russell started in natural resources as a water quality technician in 1995, then soon was delegated to serve as a representative for his tribe as a commissioner on the Northwest Indian Fisheries Commission. He states that for most of his life he has taking from our resource, now he is proud to give back to it by his ongoing policy representation and working on environmental issues. While serving the Northwest Indian Fisheries Commission for 22 years, he also served on the Lower Elwha Tribal Council for 20 years, formerly as Chair, Secretary/Treasurer and currently as Vice Chair. Since 2005 he has served as his tribe's delegate to the Indian Policy Advisory Committee for the Washington State Department of Social and Health Services. Governor Inslee appointed him to the Puget Sound Leadership Council on November 21, 2014. He is currently serving on that council. He also serves on the

National Tribal Toxics Council. He also serves as an alternate to the National Tribal Caucus for EPA Region 10.

Ira Hight works for EPA Region 6 in the Office of Communities, Tribes, and Environmental Assessment. For the past ten years, Mr. Hight has served as a Project Officer and Tribal Liaison for tribal and consortia grantees in Oklahoma and New Mexico. Mr. Hight led the Region's efforts in working with both tribal partners and Regional staff in the development of EPA-Tribal Environmental Plans (ETEP). The Region's first signed ETEP was on July 7, 2015. Prior to joining EPA Region 6, Mr. Hight worked for the Wichita and Affiliated Tribes in Oklahoma for 11 years.

Page Hingst is the 128(a) Tribal Response Program Manager for the Santee Sioux Nation of Nebraska. She has worked in her capacity for 4 years and for the Santee for 2 years. Mrs. Hingst is responsible for brownfields, UST's, solid and hazardous waste and emergency response. She is a member of the TWAR Steering Committee, Region 7 LEPC Planning Committee and Program Subcommittee, Region 7 TRP Workgroup, RTOC alternate rep, Tribal Science Council Region 7 Rep, KSU TAB/BIT partner, Siouxland Sub-Area (Emergency Response) and the Santee Sioux Nation's Tribal Cultural Rejuvenation Coalition. She has a Bachelor's of Science degree from Wayne State College in Biology and Psychology. Mrs. Hingst is highly passionate about the environment and committed to ensuring the health of the people and the community in which they live.

Tracy Horst is the Environmental Compliance Director for the Choctaw Nation of Oklahoma and has been with the tribe for over 12 years. In her current position she is assisting in creating a compliance program to assure the tribe is following all EPA and ODEQ regulations regarding all things environmental. Tracy has helped to establish a recycling program and set up two recycling centers for the tribe along with assisting rural communities in southeastern Oklahoma to learn and understand more about what recycling is, how to start recycling, and options for recycling. Tracy currently serves on the Tribal Waste and Response Steering Committee for ITEP and has been active with the Oklahoma Recycling Association including serving on the Board of Directors, as Vice President, President and currently as the Past President. Tracy has degrees in Biology and Chemistry from Southwestern College in Winfield, Kansas.

Carolyn Hoskinson has served as Director of U.S. EPA's Office of Underground Storage Tanks (OUST) since February 2009, and before that was the Deputy Office Director, beginning in August 2006. She started her career at EPA when she was fresh out of college in 1991 and has served in several programs at EPA. She has a Bachelor of Arts Degree in Communications, Law, Economics and Government from The American University in Washington, DC. She grew up in the suburbs of New Haven, Connecticut and still returns home to visit family, and to enjoy her favorite New



Haven-style pizza and birch beer. She is married to her high school sweetheart, Jim, and lives with him, and their two sons, Jack and Ryan, in Silver Spring, Maryland.

Heather Hosterman, MEM, Associate Scientist at Abt Associates, has over 10 years of experience in natural resource economics and policy analysis. She works with tribes on natural resource damage assessments and climate change resiliency planning. Ms. Hosterman recently conducted interviews with Tribal elders and cultural resource specialists to elicit information on cultural use losses associated with contamination in Oklahoma and New Mexico. She is currently providing technical support on climate resiliency planning, including developing participatory workshops to evaluate climate change impacts, vulnerabilities, and adaptation actions, and conducting vulnerability assessments. Prior to joining Abt, she was a researcher at an academic and environmental institute.

Nhi Irwin has been with Washington State Department of Ecology for 12 years and supervises a dynamic team of planners reviewing industry contingency plans and developing Geographic Response Plans. Nhi has been involved in the development of legislation, rule writing and implementation of many of the oil spill regulations in Washington State. She is involved in local, state and cross border issues as a member of the Northwest Area Committee and Pacific States/British Columbia Oil Spill Task Force. Nhi's education background includes degrees in political science and economics.

Rob Jacob has been the Elk Valley Tribe's environmental services lead for over 4 years and administers the Environmental Services Department's EPA grants.

Adam Johnson is a former environmental sciences faculty member at Salish Kootenai College. During his time at SKC, Adam worked with tribal elders, cultural leaders, educators, and others to develop a culturally-responsive geosciences curriculum that focuses on important Flathead Reservation places and landscapes. He has also worked for the USGS, the NPS, and the USFS. As a consulting hydrogeologist and environmental scientist, Adam specializes in projects relating to water resources, environmental assessments, brownfields, and waste management. He has helped develop NewFields' tribal environmental consulting practice in Montana, which involves projects with the Confederated Salish and Kootenai Tribes, the Northern Cheyenne Tribe, the Blackfeet Tribe, and the Fort Peck Tribes.

Loren Jojola is the Solid Waste Supervisor in the state of New Mexico for the Pueblo of Isleta. He has been working servicing his home pueblo in the solid waste industry for nine years. Along with providing curbside trash pick-up to the pueblo, the program recently have expanded services to provide curbside recycle pick-up services. Loren has an Associate's Degree in Transportation from CNM, is a certified Sus-

tainable Resource Manager, Transfer Station Operator, Recycle Operator, Heavy Equipment Operator and CDL Driver.

Theodore (Ted) Jojola, PhD, is a Distinguished Professor and Regents' Professor in the Community & Regional Planning Program, School of Architecture + Planning, University of New Mexico (UNM). Currently he is the founder and Director of the Indigenous Design + Planning Institute.

Mark Junker is the Tribal Response Coordinator for the Sac and Fox Nation of Missouri in Kansas and Nebraska. He serves on the TWAR Steering Committee, The Infrastructure Task Force and America Recycles Day.

Howard Kahan has worked for the US EPA for 13 years. During this time, Howard has provided financial assistance to tribes, cities, counties, non-profits, academic institutions, states, territories, and other federal agencies. Currently Howard is responsible for Clean Water Act funding to tribes in Riverside County, Santa Barbara County, Clear Lake, and the Owens Valley area. Howard received his B.A. in Economics and Environmental Studies from the University of California, Santa Barbara and a Masters in Environmental Science and Management from the Bren School of Environmental Science & Management at the University of California, Santa Barbara. In his spare time, Howard enjoys seeing live music and accomplished his goal of seeing 52 concerts in a year.

Lauren Kasparek is a Biologist at the U.S. Environmental Protection Agency, Office of Water. She leads tribal consultation and coordination on the efforts to revise the CWA section 401 regulations.

Summer King is the Environmental Scientist for the Quapaw Nation. She has been with the Environmental Department since May 2016, and works with the Superfund remediation projects. Summer brought a great deal of experience and knowledge to the Nation after working with the United Keetoowah Band Environmental Department for almost 13 years. She has a Masters of Science Degree from Northeastern State University in Tahlequah, OK.

Michelle Krasnec, PhD., Associate Scientist at Abt Associates, is an environmental biologist with more than 16 years of experience in research in the natural sciences. She works closely with Native American communities to characterize the impacts of contaminants to terrestrial communities, aquatic communities, and human health. Her work focuses on assessing contaminant fate and transport pathways; examining exposure and adverse effects to biota and human health; and Natural Resource Damage Assessments (NRDAs). She is experienced in conducting human health risk assessments that incorporate traditional tribal lifeways.

Rose Kwok is an Environmental Scientist at the U.S. Environ-



mental Protection Agency, Office of Water. She leads tribal consultation and coordination on the "waters of the United States" rulemaking efforts.

Marleah LaBelle is Sugpiaq and Iñupiaq and a proud tribal member of the Native Village of Port Graham, with family ties in Port Graham and Kotzebue. As a project manager for the National Tribal Water Center, she assists with program development and provides technical assistance for Tribes in Alaska and the Lower 48. Marleah has a passion for connecting with Tribes and ensuring they have a voice in project planning and development. Marleah has a master's degree in Rural Development from the University of Alaska Fairbanks and a bachelor's degree of business administration in 2004 from Alaska Pacific University.

Dylan Laird joined the Watershed Branch at the US EPA Headquarters Office in March of 2019, where he currently serves as the 303(d) program's tribal coordinator. In his previous position as an ORISE research participant, he worked on a range of topics including microplastics pollution, salmonid-use of Columbia River tributaries, and Tribal drinking water programs in the EPA's Seattle regional office.

Virginia LeClere is the Environmental Manager for the Prairie Band Potawatomi Nation (PBPB) in Kansas. She has served the Tribe's Division of Planning and Environmental Protection in several capacities over the past 19 years. Prior to her management role, Virginia worked in the areas of environmental education/outreach, land use inventory, solid waste, and air quality. She attended Haskell Indian Nations University before receiving a Master of Science Degree in Management from Baker University. Virginia is a delegate to the R7 EPA/Tribal Operations Committee and a delegate to the Tribal Waste and Response Steering Committee.

Bessie Lee is an Engineer that works in the Drinking Water Section of the US EPA, Region 9, in San Francisco. She has worked in the Region's Drinking Water Program since 2004 and presently oversees the drinking water primacy programs for American Samoa and the Navajo Nation, as well as regulates about 20 public water systems on the Navajo Nation for which the Navajo Nation were not awarded primacy. In the past, she has also regulated the public water systems on the Tohono O'odham Nation and the Hopi Tribe in Arizona.

Christin Lee is Planning and Natural Resources Director of the Department of the Environment, Wyandotte Nation. She manages the Tribe's EPA programs, NRDA program, water utilities, land management (including trust land acquisition and reality) and assists with construction projects. She has been with the Department of the Environment, Wyandotte Nation for 15 years.

Sarah Lehmann, U.S. EPA Office of Water – Sarah has worked at EPA for 24 years. She is the Team Leader for the

National Aquatic Resource Surveys program which addresses coastal, lakes, rivers and streams, and wetlands. Previously, Sarah served as the Regional Monitoring Coordinator in EPA's Chicago office.

Rachel Lentz is the State and Tribal Lead in the Office of Brownfields and Land Revitalization (OBLR) at US EPA. Rachel has worked in OBLR for a decade and held many positions before assuming the State and Tribal Lead in February 2015. She received her undergraduate degree from the University of Michigan in 2002, and a law degree from American University in 2010.

Blase Leven, Director of the KSU TAB Program. KSU TAB assistance is tailored to the specific needs of a community and is usually coordinated through the city, tribal or non-profit brownfields project manager.

Jason Lilley is the Recycling Manager for the Choctaw Nation of Oklahoma and has been with the tribe for nearly seven years. Jason maintains two recycling centers, and collects, sorts and sells materials from 14 counties within SE Oklahoma and two counties in neighboring North Texas. He works tirelessly to assist rural schools, businesses and communities to understand recycling and decrease the amount of material that goes to the landfill. He is a volunteer firefighter for the small community of Philadelphia and is active in his church.

David Lloyd, US EPA - David Lloyd is the Director of the Office of Brownfields & Land Revitalization in the EPA Office of Land and Emergency Management.

Cindy Marchand is a member of the Colville Confederated Tribes. Ms. Marchand has worked in the Tribal Superfund program in the CCT Environmental Trust Department since 2009.

Janette Marsh – Nonpoint Source Technical Program Manager States and Tribes, US EPA Region 5 Water Division. Janette has worked for EPA Region 5 for 28 years, the last dozen years in the water division as part of the Nonpoint Source Program. She works with both state and tribal programs and previously worked on the international Great Lakes Baltic Sea Partnership.

Raymond Martinez - I am a Tribal member and Tribal Council Representative of the Pueblo de San Ildefonso. I have studied both Environmental Science and Resource Management. I have called the Department of Environmental and Cultural Preservation home for 16 years in various capacities, from Tribal Risk Assessment Technician to Director. As the current, Director of the Environment Department one of our top priorities is continued monitoring of Chromium groundwater contamination and providing accurate and frequent communications to Pueblo residents and Tribal Council.



AmyJean McKeown is a Brownfields Project Officer for EPA Region I, New England. She is the Brownfield's Tribal Coordinator and the Historic Preservation Coordinator for the program. Ms. McKeown has been employed by the EPA for over 28 years and was an On-scene Coordinator in the Emergency Planning and Response Branch for 18 years before switching to the Brownfields Program.

Kimberly Miller is an Environmental Specialist for the Morongo Band of Mission Indians. She oversees the water program in the tribe's Environmental Protection Department. The water program monitors surface water quality, works to identify pollution sources, engages in pollution prevention activities, conducts nonpoint source pollution management, and provides education/outreach. Since joining Morongo in 2013, she has been an active member of the Southern California Tribal Stream Team and currently leads the group.

Dale Mitchell is the Passamaquoddy Pleasant Point Tribal Brownfields Coordinator. He is responsible for managing the Tribes 128 (a) Tribal Response Grant as well as two previous 104 (k) Community Wide Hazardous Substances Assessment Grants. He is committed to managing the natural resources with respect and as part of the Tribes cultural right. Mr. Mitchell was the former Water Resources Specialist monitoring the coastal waters for Red Tide. He assesses environmental impacts to Tribal lands and waters to ensure tribal concerns are addressed in permitting and regulatory processes. Mr. Mitchell's invaluable knowledge of the Tribes historical and cultural relationship to the land has benefited the department in developing environmental projects and goals.

Lisa Montgomery has served as the Environmental Director for Sac and Fox Nation of Missouri in KS and NE since 2015, with prior experience as the water quality coordinator for three years. She lives in St. Joseph, MO with her husband, and two teenage daughters. Lisa received bachelor's degrees in wildlife conservation and management, and biology with an emphasis in botany from Missouri Western State University. She serves as the EPA Region 7 RTOC Secretary, and Region 7 delegate for National Tribal Council.

Shawn Muir is the Environmental Coordinator for the Twenty-Nine Palms Band of Mission Indians. She works to develop programs under the Twenty-Nine Palms Tribal EPA, and coordinates Tribal environmental efforts with multiple federal, state, and local agencies. Learn more about the Tribal EPA at: www.29palmstribes.org/tribalepa

Scott Nightingale is Co-Director of the Kansas State University Tribal Technical Assistance to Brownfields (KSU Tribal TAB) Program. Through this program, he assists tribal communities with technical brownfields issues. Prior to joining KSU in 2018, Scott worked for the Kansas Department of

Health and Environment for 29 years, with experience in RCRA solid and hazardous waste, CERCLA site assessment and remediation, and Clean Air Act compliance and enforcement. He is a graduate of Kansas State University with a B.S. in Biology.

Ken Norton, Chair of the National Tribal Water Council, is an enrolled member of the Hoopa Valley Tribe, and serves as the Director of the Hoopa Valley Tribal Environmental Protection Agency (TEPA). Ken has expertise in water quality and the development of water quality standards. He is a fisheries expert, understanding the water quality needs of healthy salmon and other river life, and experienced in watershed restoration. As TEPA Director, Ken oversees tribal water programs and tribal environmental programs, such as superfund, brownfields, air, pesticides, lead and solid waste. In prior years (2004 and 2009), Ken served as the Vice-Chair of the National Tribal Operations Committee (NTOC) and as the NTOC Tribal Caucus lead for water issues.

Sean O'Brien is the Brownfields Program Coordinator under the Department of Natural Resources (DNR) for the Penobscot Indian Nation. As Brownfield Program Coordinator, he is responsible for the management of all aspects of the Penobscot Nation Brownfields Program. Sean is responsible for reducing potential exposures of harmful substances to the tribal community and the environment. His goal is to protect current and future generations from the carcinogenic impacts caused by hazardous substances that have been dumped into the waterways of the Penobscot Indian Nation and surrounding lands. He has worked on assessments and remedial projects to support this goal. Sean has a passion to protect and enhance our natural resources and his background includes working for the Water Resources Program here in DNR during the summer and fall of 2017. He is a graduate of the University of Maine where he attained a Bachelor's Degree in Physics and a Master's degree in Environmental Engineering with a focus on Water Resources.

Amanda Pease has been a Federal On-Scene Coordinator with USEPA Region 9 for 2 years, where she leads EPA's effort on the Navajo Contaminated Structures Project. Prior to becoming an On-Scene Coordinator, she worked exclusively on Navajo Abandoned Uranium Mine assessment and cleanup as a Remedial Project Manager in EPA Region 9's Superfund Division.

Marco Perez is an Environmental Technician with the Twenty-Nine Palms Band of Mission Indians since 2015. His primary areas of focus are Solid Waste, Brownfields, GIS, and Outreach. Learn more about the Twenty-Nine Palms Tribal EPA at: www.29palmstribes.org/tribalepa

Annie Perry, Western Washington University (B.A. 2002); Seattle University School of Law (J.D. 2012) Admitted to the Bar: Washington State (2013). Annie Perry graduated from



Western Washington University with a bachelor's degree in Anthropology in 2002. As an undergraduate, she researched and wrote on war and human rights, and she developed specific interests in international humanitarian law (the laws of war) and in sexual violence in warfare. After graduating from WWU, she joined the Peace Corps and served as a health volunteer in both Morocco and in Guinea, West Africa. After the Peace Corps, she worked for Planned Parenthood in Vermont and she interned at the Special Court for Santa Rosa Leone. In 2009, Annie returned to Washington to attend law school at Seattle University School of Law. While in law school, Annie interned for the government of Botswana investigating corruption cases, and she interned with the Northwest Justice Project in Bremerton, WA working on family law cases. As a law student, Annie discovered the link between Federal Indian Law and International Human Rights law, which allowed her to combine her interests in law, human rights, anthropology, social justice, and living in rural Washington. Annie currently works for the Port Gamble S'Klallam Tribe (PGST) in Kingston, Washington, as a contract tribal attorney. One of her main responsibilities with the tribe is writing and updating the tribal law and order code. She recently wrote and codified a new domestic violence code for the Tribe (under federal VAWA 2013), and PGST is now exercising special criminal jurisdiction over non-Indian offenders in Tribal Court domestic violence cases. Annie's published work includes an article in the Seattle Journal for Social Justice: Carrying a Piece of Congo in Our Pockets: Global Complicity to Congo's Sexual Violence and the Conflict Minerals Trade, and an article in Federal Lawyer: Conquering Injustice: An Analysis of Sexual Violence in Indian Country and the Oliphant Gap in Tribal Jurisdiction.

Linda Pilkey-Jarvis manages the oil spill preparedness program for the Washington State Department of Ecology, overseeing the approval of oil spill plans, state evaluation of industry spill drills and an active participant in the Northwest Area Contingency Plan. She is the co-author of *Useless Arithmetic*, a critical review of applied mathematical modeling. Linda is a graduate of the University of North Carolina at Chapel Hill. She is a recipient of the Washington State Governor's Distinguished Leadership in Management award.

Michael L. Pomes has worked as a UST regulator on the state and federal levels for over 20 years. He currently works as a Physical Scientist in the Tanks & Lead Section of the Tanks, Toxics & Pesticides Branch of the Land, Chemical & Redevelopment Division of EPA Region 7 in Lenexa, Kan. Much of Michael's work at EPA has involved inspecting USTs, pursuing UST enforcement cases, and supporting UST programs in the Region 7 states of Iowa, Kansas, Missouri, and Iowa, as well as, Tribal Partners who own USTs or have USTs located within tribal boundaries. Before coming to EPA in September of 2010, he supervised the Preventative UST Unit of the Storage Tank Section at the Kansas Department of Health and Environment for 10 years that ran the permitting

program for USTs and ASTs in Kansas. Michael received a Ph.D. in Geology from the University of Kansas, Lawrence, a M.S. degree in Geology from Fort Hays State University, Hays, Kan., and a B.S. degree in Geological Sciences from the University of Wisconsin-Milwaukee. He is a Kansas-licensed Professional Geologist, a NACE-Certified Cathodic Protection Technician (CP2), and a cathodic protection inspector certified by the Steel Tank Institute.

Tony Raia has served as the Director of the US EPA Office of Underground Storage Tanks (OUST) Release Prevention Division since January 2017. The division is primarily responsible for implementing the 2015 federal UST and state program approval regulations, which includes providing technical assistance, developing regulatory compliance assistance tools and resources, and disseminating national guidance. Tony started his career at US EPA in 1998 working in several programs including the Office of Enforcement and Compliance Assurance (OECA), Brownfields, RCRA Corrective Action, and in the congressional & intergovernmental affairs department. Prior to EPA Tony served as an officer in the US Army. He has a Bachelor of Science Degree from the US Military Academy at West Point, and a master's degree in Public Administration from New York University.

Mike Reyes currently serves as the Tribal Emergency Response / Safety Manager with the Twenty-Nine Palms Band of Mission Indians in Coachella, California, and has worked for the Tribe for the last 8 years. His current role includes emergency planning, writing and administering emergency preparedness grants, and overseeing disaster mitigation and recovery efforts.

Bailey Richards is the Program Coordinator for the ANTHC Contamination Support Program. She has been with ANTHC for 2.5 years and has degree in Environmental Studies and Sociology.

Kaylene Ritter, PhD., Principal Scientist at Abt Associates, is a geochemist with 20 years of experience in environmental consulting and research. Dr. Ritter works with Native American communities across the US, assessing the environmental, health and cultural impacts of contamination and climate change on Native American lands. She assists tribes with assessing contaminant fate and transport pathways; exposure and adverse effects to ecological receptors; human health risk assessments that incorporate traditional and subsistence exposure pathways; Natural Resource Damage Assessments and restoration planning; and the development of climate resiliency plans that take into account traditional tribal life-ways.

Rob Roy is the Environmental Director for the La Jolla Band of Luiseno Indians and has been employed by the Tribe for over 17



years. He is responsible for the Environmental Protection Office which employs a staff of seven people working on clean water, air quality, solid waste, wastewater, natural resources, and other critical environmental and human health issues, and also works closely with the Domestic Water and other Tribal Departments. His education is in Geographic Information Systems and he previously worked for the City of San Diego Environmental Services Department. Rob received the EPA Environmental Achievement Award in 2008 for his work with solid waste management including recycling, reducing illegal dumping, hazardous and electronic waste recycling, tire cleanup, and disaster recovery. Rob works hard to foster collaboration between groups to achieve common goals and increase the scope and impact of projects. He also serves as a member of the TWAR steering committee, as an RTOC rep and RTOC Solid Waste Workgroup lead, sits on the California Integrated Regional Water Management Regional Advisory Committee, and works with the Interagency Infrastructure Task Force Solid Waste Workgroup. Rob has a passion for the natural world and goes travelling, hiking and backpacking whenever he can.

Tasha Royal, Environmental Services Specialist. Tasha has been the Tribe's environmental specialist since 2017. She helps implement the Environmental Services Department programs and also assists the Cultural, Emergency Response, and Grant Departments.

Sarah Ryan -Deputy Tribal Administrator/Environmental Director, Big Valley Band of Pomo Indians. Sarah has worked for Big Valley Rancheria for over 17 years and has been active in all facets of tribal environmental programming.

Oral Saulters has extensive experience working with diverse communities, government agencies, and educational institutions in solving difficult environmental and redevelopment challenges. He collaborates with Kansas State University Technical Assistance to Brownfields on tribal initiatives.

Nancy Schuldt has served as the Fond du Lac Water Projects Coordinator since 1997. She has a BS in Biology from the University of Dayton, and a MA in Aquatic Ecology from the University of Kansas. She developed the Band's water quality standards and monitoring program, has directed research into fish contaminants and sediment chemistry to characterize mercury impacts to Fond du Lac Band members, collaborated on research into wild rice ecology and toxicity, as well as watershed hydrologic modeling to inform management and restoration efforts. She participates in numerous local, regional, national and binational working groups to ensure the tribal perspective is represented. She initiated the tribe's nonpoint source management program, and leads the Band's environmental review of mining and energy industry impacts to trust resources.

Eric Sheets, Kickapoo Tribe in Kansas, presently serves as a contractor with KSU TAB and as the Assistant General Manager of the Prairie Band Potawatomi Nation where he manages an array of departments focused on tribal infrastructure and lands.

Michaela Paulette Shirley (Diné), MCRP, is a program specialist for the Indigenous Design and Planning Institute at UNM. She plans and coordinates the development and implementation of sub-programs, special projects, and other initiatives to achieve the overall mission of iD+Pi.

Laura Shumway is a biologist at the US EPA. Her work focuses on data quality, training, user advocacy, and visioning for data systems in the Water Data Integration Branch. She holds a B.S. in Biology and an M.A. In Environmental Planning & Management and GIS.

Rebecca Stevens is the Program Manager for the Tribe's Lake Mgt. Department-Hazardous Waste Management Program. She also serves the role as the Restoration Coordinator with the Restoration Partnership. Rebecca has been working on water quality related issues for over 15 years and in 2009, she was co-author of the Coeur d'Alene Lake Management Plan. Rebecca represents the Tribe in the Bunker Hill Mining and Metallurgical Complex Superfund Site working with EPA while implementing their remedy for the Basin. She is also the Tribe's technical representative on the Restoration Partnership for which all Natural Resource Damage Assessment (NRDA) claims have been settled and on the ground restoration work will commence in 2019. Rebecca continues to work with other Tribes on NRDA issues while coordinating with the United States Department of the Interior. Rebecca is a proud member of the Tribal Waste and Response Steering Committee where she also serves on the Tribal Superfund Work Group and Advisory Council. Rebecca is very honored to work for the Coeur d'Alene Tribe and is proud to be a part of restoring natural resources in the Coeur d'Alene Basin.

Loribeth Tanner is a Drinking Water Physical Scientist working in the EPA Region 6 Water Quality Division where she leads the Region 6 Lead in Tribal Schools 3Ts Sampling Initiative and works in the implementation of the Safe Drinking Water Act. She holds a Master of Science degree from Johns Hopkins University in Environmental Science and Policy and has worked in environmental contaminant assessment and remediation, stream restoration, and mineralogy. Contact: 214-665-8153 or tanner.lori@epa.gov

Troy Techlin is the Environmental Response Program Specialist for the Saginaw Chippewa Indian Tribe of Michigan. He runs the 128(a) Brownfields program and has a background in environmental consulting, dealing with spill response, gas station clean-ups, pipeline spills and chemical facilities.



Ben Thomas has been working with tank operators, regulators, inspectors and service providers since 1986. He was first a regulator and now is an independent consultant and senior trainer with UST Training. Currently he provides UST operators with motivational training throughout the United States. Ben lives on Whidbey Island, near Seattle Washington.

Amanda Van Epps is an Environmental Engineer in the Office of Superfund Remediation and Technology Innovation at US EPA. In addition to her work on post construction policy for Superfund remedies, she is one of two Superfund Tribal Coordinators at EPA headquarters.

Alexis Wallick has been the Assistant Tribal Historic Preservation Officer (THPO) for the Pala Band of Mission Indians (San Diego, Ca) since 2009. She attends to the daily operation of the THPO program by responding to requests for cultural consultations and staying up to date on projects that are important to Pala. In 2017, she began managing the tribe's hazardous waste grant and implementing a curbside household hazardous waste collection program. She also acts as an environmental technician by helping out the other environmental programs when needed. Additionally, she regularly conducts outreach to the tribal community on a myriad of different environmental programs.

Ian Webster, Sc.D. is founder and president of solar developer PVNavigator. LLC (PVN) and sister environmental engineering and project management firm Project Navigator, Ltd. (PNL). PNL's work on landfills and environmentally impacted land tracts has driven the evolution of PVN, which conceives, plans, finances and develops utility, MW-scale solar power projects on closed landfill sites. PVN is at working at various stages in the development timeline on solar projects in the southwest and north east. For example, PVN's 3MW installation on the County of San Bernardino's Milliken Landfill in Ontario, CA is the first solar-on-landfill project in the Los Angeles basin. Ian is a native of Scotland, and holds a doctorate in chemical engineering from MIT.

Wenona Wilson is the Senior Tribal Policy Advisor for the Environmental Protection Agency, Region 10. This Executive Team position works directly with the Regional Administrator on policy, tribal consultation, and high-level projects involving tribes. Wenona joined EPA in 2000 and has served in numerous leadership positions in Regions 9 and 10, including as the manager of the tribal air and waste programs, diesel program, environmental justice and community involvement programs, and children's health program. Wenona is a member of the Colville Confederated Tribes, Chelan Band. Before joining EPA, she worked for her own tribe as the Land Use Administrator, as well as for several urban Native American non-profits. She holds a master's degree in city planning from the University of California at Berkeley, with emphasis in community development.

Felicia Wright is the Acting Director of EPA's American Indian Environmental Office, in the Office of International and Tribal Affairs, where she is responsible for working with tribal governments and EPA programs and Regions to ensure protection of human health and the environment in Indian country. Prior to this position, Felicia was in EPA's Office of Water for six years, where she served as senior advisor to the Assistant Administrator and Deputy Assistant Administrator on tribal policy and program implementation. For over ten years, Felicia served as the Tribal Program Manager for EPA's Office of Land and Emergency Management. She has an MS in Environmental Science and Engineering from Virginia Polytechnic and State University, and a BS in Geology from Kansas University.

Kelly C. Wright is the Environmental Waste Management Program Manager for the Shoshone-Bannock Tribes. Working for the Tribal government since 2003, his responsibilities include management of CERCLA, RCRA, Brownfields, Mining and Underground Storage Tank Sites. Kelly has overseen the Shoshone Bannock Tribes' Environmental Waste Management Program for the past fourteen years. Kelly has more than 30 years' experience as an Environmental Professional. Since 1986, he has served in scientific capacities for Department of Energy, State Environmental Regulatory agencies and the private sector. He holds a Bachelor of Science in Microbiology and a Master in Science in Environmental Studies from the University of Idaho.

Peter Wright is the Assistant Administrator for EPA's Office of Land and Emergency Management. Prior to this position, he served as Special Counsel to the Administrator when he joined the agency in July 2018. Prior to EPA, Peter worked for Dow Chemical Company as managing counsel for environmental, health and safety matters, including responsibility for Superfund sites, other federal and state-led remediation matters, and a broad array of other environmental regulatory matters. He also provided legal counsel on merger and acquisition and significant real estate transactions. Prior to joining Dow, Peter worked for Bryan Cave LLP and Monsanto in St. Louis, Missouri. He started his career as an environmental law associate with Baker & Daniels in Indianapolis, Indiana. Peter has been a leader of the American Bar Association's Section of Environment, Energy and Resources, the premier forum for environmental, energy and resource lawyers. He earned his J.D. from Indiana University and his A.B. from Wabash College.



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Meet Our Exhibitors and Artisans!



~ Renaissance Ballroom Foyer ~

We want to give our exhibitors and artisans a very big thank you for attending this year's TLEF. The following groups, businesses, and artists will have tables set up in the Renaissance Ballroom Foyer and Chino/Pueblo Foyer throughout the TLEF, and many will also participate in the Multi Media Meetup.

Silver Level Sponsors

- ACZ Laboratories, Inc.
- NewFields
- USTTraining
- RIDOLFI Environmental

Exhibitors

- Blue Tomorrow, Ltd.
- Cal-Bay Controls
- Easi File
- Geo Visions
- Kansas State University Tribal Technical Assistance to Brownfields
- Mecca Remediation Facility
- National Indian Carbon Coalition
- National Tribal Toxics Council and Tribal Pesticide Program Council
- Shipley Group
- Thermo Fisher Scientific and Thermo Fisher Scientific, WAI
- VW Project/ITEP

Native Artisans

- Crafty EdgeWater
- Lizio
- Michelle's Shellcraft
- Native Arts and Crafts
- Spirit Mountain Roasting Company
- Southwest Indian Jewelry

Special Thanks...

ITEP would like to extend a special thanks to the Tribal Waste and Response Steering Committee who helped plan, orchestrate and otherwise make this TLEF a success!



Institute for Tribal Environmental Professionals

Northern Arizona University

Box 15004

Flagstaff, AZ 86011

Ph: 928-523-9555

Fx: 928-523-1266

www.nau.edu/tlef

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