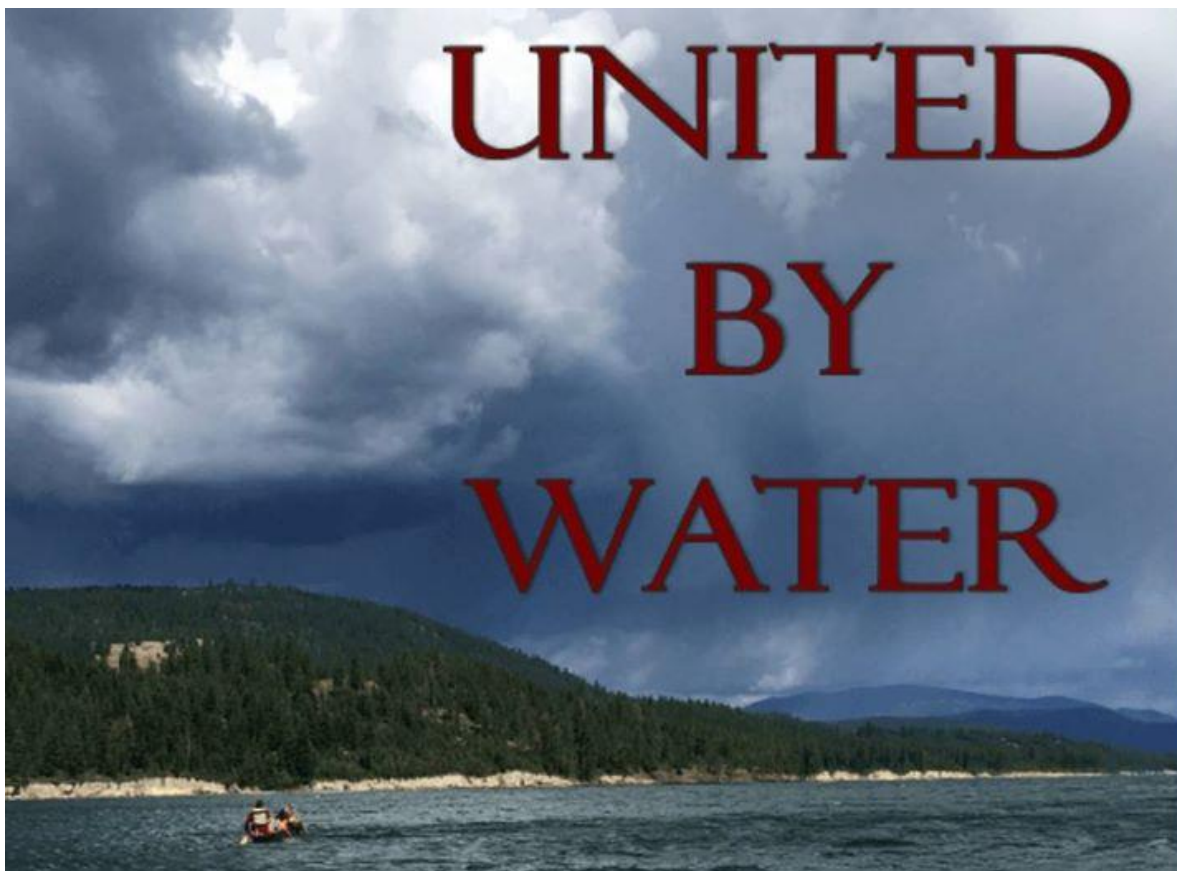


Tribal Lands and Environment Forum: A National Conversation on Tribal Land and Water Resources

August 13-16, 2018

Spokane, Washington



Promotional poster for the Upper Columbia United Tribe's film "United By Water," which will be screened Wednesday evening.

Conference Booklet



The Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Waste and Response (TWAR) Steering Committee are proud to bring you the 2018 Tribal Lands and Environment: A National Conversation on Tribal Land and Water Resources. This event is made possible by a grant from the US Environmental Protection Agency's Office of Land and Emergency Management (OLEM) and Office of Water (OW).

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

The Tribal Lands and Environment Forum Team would like to sincerely thank the Spokane Tribe, Coeur d'Alene Tribe, Nez Perce Tribe, the Confederated Tribes of the Colville Reservation, and the Upper Columbia United Tribes 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, participating in special evening events, and participating during the opening and closing plenary, as well as the Multi Media Meetup. Their generosity and knowledge have added a great deal to this year's TLEF. We sincerely appreciate their warm hospitality!





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About the Tribal Lands and Environment Forum

The 2018 Tribal Lands and Environment Forum: A National Conversation on Tribal Land and Water Resources is a joint effort between the Institute for Tribal Environmental Professionals (ITEP), the National Tribal Waste and Response (TWAR) Steering Committee, US EPA's Office of Land and Emergency Management (OLEM) and US EPA's Office of Water (OW). This is the eighth 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. Opportunities for discussion of budget and policy issues as well as technical updates and information will be available throughout the conference. Additionally, training sessions, tribe-to-tribe sharing, educational outreach projects, and many more sessions will enhance both learning and networking among attendees. The Tribal Lands and Environment Forum is made possible by funding from the US Environmental Protection Agency.

Forum Staff

On-site support staff are available to assist you during the Forum and will be available at the registration table located in the Riverside Lobby (Hall D).

Registration

The Forum Registration table is available Sunday from 4:00pm to 6:00pm, Monday 6:30am to 6:00pm, and Tuesday from 7:00am to 1:30pm, in the Riverside Lobby (Hall D). 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 vendors in Exhibit Hall B.

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 will be taken during this publicly-sponsored event. Photos will be used for outreach by ITEP in the form of publications, websites, brochures, and other media. We also have a videographer on our team this year who will be making a special video of the event.

Website for Conference Materials

After the conference, please visit ITEP's Tribal Lands and Environment Forum website to download pictures, presentations, handouts and other materials from the conference. A networking list of all attendees will also be available at nau.edu/itep/main/conferences/confr_tlef.

Evaluations

Evaluations will be conducted online after the forum. Requests to complete evaluations will be emailed to all participants. You will also be able to access the evaluation through the Tribal Lands and Environment Forum website at nau.edu/itep/main/conferences/confr_tlef.

Upper Columbia United Tribes



The Upper Columbia United Tribes (UCUT) takes a proactive, collaborative, and science-based approach to promoting fish, water, wildlife, diverse habitat, and Indian culture in the Northwest.

Together, we manage and influence nearly two million acres of reservation land, and we influence at least 14 million acres of aboriginal territories, 500 miles of waterways, 40 interior lakes, and 30 dams and reservoirs. Formed in 1982, we came together to ensure a healthy future for the traditional territorial lands of our ancestors. As sovereign nations, we are charged with the protection and enhancement of our natural resources.

Member Tribes

We provide a common voice for our region through the collaboration of five area tribes: the Coeur d'Alene Tribe, the Confederated Tribes of the Colville Reservation, the Kalispel Tribe of Indians, the Kootenai Tribe of Idaho and the Spokane Tribe of Indians.

Mission

Unite for the protection, preservation, and enhancement of Treaty/Executive Order Rights, Sovereignty, Culture, Fish, Water, Wildlife, Habitat, and other interests and issues of common concern in our respective territories through a structured process of cooperation and coordination for the benefit of all.

Past, Current, and Future Projects and Collaborations

- Habitat restoration and preservation for terrestrial and aquatic ecosystems
- Hydro-systems management
- Recovery of native fish harvesting through protecting salmon passage, implementing hatchery projects, and non-native fish removal
- Monitoring wildlife and habitat by conducting surveys with member Tribes
- Protecting and incorporating cultural and ceremonial uses of resources provided by the Columbia River Watershed.

The Lake Roosevelt Artificial Production Program



The Spokane Tribal Hatchery has worked to release thousands of rainbow trout and kokanee salmon to recover populations diminished from the creation of Lake Roosevelt and the Coulee Dam. The Tribe has also evaluated the recovery from releases along with native fish community quality through the Fisheries Evaluation Program. (Photos: UCUT's 20 year report).





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.

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.

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.

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 eighth 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. To learn more about onsite mentoring visit our website at: http://www7.nau.edu/itep/main/Waste/waste_mentors.

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
- Mark Junker, Sac and Fox Nation of Missouri in Kansas and Nebraska (vice-chair)
- Virginia LeClere, Prairie Band Potawatomi Nation
- Cynthia Naha, Santo Domingo Tribe
- Arvind Patel, Pueblo of Acoma (chair)
- Rob Roy, La Jolla Band of Luiseno Indians
- Rebecca Stevens, Coeur d'Alene Tribe
- John Wheaton, Nez Perce Tribe
- Ann Wyatt, Klawock Native Village





Agenda ~ At a Glance

Monday, August 13: Training Sessions and Field Trips

Room 302 AB	8:00 am to 12:00 pm: US EPA Spill Prevention Control & Countermeasures Regulation (SPCC) Inspector Short Course 1:00 pm to 5:00 pm: National Incident Management System (NIMS – ICS/Unified Command) Short Course
Room 303 AB	8:00 am to 12:00 pm: Establishing and Enhancing the Brownfields 128(a) Tribal Response Program 1:00 pm to 5:00 pm: Approaching Community Engagement & Brownfields Redevelopment through Indigenous Planning & Interdisciplinary Partnerships
Room 401 AB	1:00 pm to 3:00 pm: Digital Storytelling Strategies for Tribal Environmental Programs 3:00 pm to 5:00 pm: Hazardous Waste Identification & Minimization
Room 402 AB	1:00 pm to 5:00 pm: Addressing Meth Problems in Indian Country
Room 402 C	1:00 pm to 5:00 pm: Strengthening Tribal Self-Determination and Self-Governance through the Administration of Environmental Protection Programs
Room 300 C	8:00 am to 5:00 pm: One-on-One Assistance with WQX Submission
Room 300 D	10:00 am to 12:00 pm: Hydrologic and Water Quality System (HAWQS) Modeling 1:00 pm to 5:00 pm: Unmanned Aircraft Systems Flight Training & Part 107 Prep Course
Field Trips: Meet hosts in Riverside Lobby 15 minutes before your trip	8:30 am to 5:00 pm: Visit to the Confederated Tribes of Colville's Recycling Facilities 8:00 am to 5:00 pm: Tour of the Coeur d'Alene Tribe's work on the Bunker Hill Superfund Site 8:00 am to 5:00 pm: Tour of the Spokane Tribe's Water and Habitat Projects 8:00 am to 11:00 am: Visit the Spokane Master Composter Demonstration Site

Tuesday Morning, August 14: Training Sessions and Field Trips

Room 302 AB	8:00 am to 9:45 am: Updates from the ITF & Addressing Open Dumps in Partnership with IHS and US EPA 10:00 am to 12:00 pm: Waste Needs Assessment & Technical Assistance Discussion with US EPA (R 9, 10)
Room 303 AB	8:00 am to 12:00 pm: ATSDR Tools to Engage the Community and Evaluate Hazardous Sites
Room 401 AB	9:00 am to 10:00 am: Emergency Response: FEMA & US EPA Roles & Responsibilities 10:00 am to 11:00 am: US EPA Office of Emergency Management/Nez Perce Oil & Chemical Spills 101 11:00 am to 12:00 pm: BNSF Railway Specialized Resources & Training
Room 402 AB	8:00 am to 12:00 pm: Conducting Effective Compliance Assistance Inspections for UST Owner/ Operator NOTE: Attendees will travel off-site to a Spokane Tribe gas station for a mock inspection
Room 402 C	10:00 am to 12:00 pm: Building a Tribal Mining Program through Collaborations
Room 300 C	8:00 am to 5:00 pm: One-on-One Assistance with WQX Submissions
Room 300 D	8:30 am to 9:45 am: Lights...Camera...Success Stories! The GAP National Pilot 10:00 am to 12:00 pm: Available Tools for Calculating Hydrologic Budget Components on Tribal Lands
Field Trips: Meet hosts in Riverside Lobby 15 minutes before your trip	8:30 am to 11:30 am: A tour of Spokane's Materials and Recycling Technology Center & the Waste-to-Energy Facility 8:00 am to 12:00 pm: A visit to Spokane's Inland Paper Company 8:00 am to 12:00 pm: A walking tour of multiple Brownfields projects along the Spokane River

Agenda ~ At a Glance



Tuesday Afternoon, August 14: Opening Plenary

1:30 PM-3:00 PM

Exhibit Hall C

Spokane Nation Color Guard, VFW Post 10711

Invocation by Pat Moses, Spokane Tribe

Welcoming remarks by Spokane Tribe Council

Ann Marie Chischilly, Executive Director of ITEP

Arvind Patel, Pueblo of Acoma and Chair of the TWAR Steering Committee

Ken Norton, Hoopa Valley Tribe and Chair of the National Tribal Water Council

Peter Wright, Senior Advisor to the Administrator, US EPA

Plenary Presentation by the Upper Colombia United Tribes

Tuesday Afternoon, August 14: Breakout Sessions

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

Room 302 AB	Self-Evaluation Tools: Judging Your Own Waste Management Practices AND Enhancing Tribal Solid Waste Activities
Room 303 AB	Successful 104(k) Brownfield Competitive Assessment/ Cleanup Grant Proposals AND E-Tools for Tribal Response Programs/ Brownfields and Other Environmental Programs
Room 401 AB	Total Community Engagement Through Conversation Mapping
Room 402 AB	Superfund Task Force Update
Room 402 C	Tank Talk: US EPA and Navajo Nation Oil Storage Programs
Room 300 C	Designing an Integrated, Comprehensive Tribal Water Program
Room 300 D	Water Quality Standards, Fish Consumption Rates and Tribal Seafood Risk Assessment AND Indigenous Resource Management the Tolowa Dee-ni' Way

Wednesday Morning, August 15: Breakout Sessions

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

Room 302 AB	SMM: Upstream Solutions for Impact! AND Landfills/Transfer Stations 101
Room 303 AB	2018 BUILD Act Changes to CERCLA and the Brownfields Program AND Financial Literacy and Reporting
Room 401 AB	How Tribes Can Develop the Capacity to Implement and Enforce Environmental Programs to Protect Their Natural Resources Under Tribal Law and Federal Law
Room 402 AB	Integrating TEK in Cleanup and Response Programs: Successes, Cautions, and Lessons Learned
Room 402 C	Getting Ready for the October 2018 UST Compliance Deadline
Room 300 C	ATTAINS Tribal Water Quality Reporting Tool AND Identifying/Addressing PFAS in Your Community
Room 300 D	Radionuclides in Drinking Water – the Spokane Tribe's Approach

SPECIAL EVENING EVENTS

Tuesday evening there will be a special drumming and dancing gathering on the Riverside Lawn at 5:30 pm, and on Wednesday evening there will be a screening of **United By Water** as well as an expo of local tribal artists in Exhibit Hall C, from 5:00 to 7:30 pm. See page 38 for more information.



Agenda ~ At a Glance

Wednesday Morning, August 15: Breakout Sessions

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

Room 302 AB	Education and Outreach– Talking Trash
Room 303 AB	Tribes and Non-Tribal Partnerships for Environmental Response and Brownfields
Room 401 AB	How Tribes Can Use Citizen Suits and Other Laws to Preserve and Protect the Health and Quality of the Reservation
Room 402 AB	Cultural Perspectives and Resources in Superfund Work: An Open Discussion
Room 402 C	Compliance and Enforcement of UST Regulatory Requirements
Room 300 C	A National Tribal Water Council Listening Session AND Tribal Listening Session: Proposal to Revise the Definition of Waters of the US
Room 300 D	Major Industry Changes in Operator Certification: Is State Certification Suitable to Protecting your Tribe's Public Health and Sovereignty

Wednesday Afternoon, August 15: Breakout Sessions

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

Room 302 AB	Building a Hazardous Waste Program AND Our First Household Hazardous Waste Collection Event: Highlights and Lessons Learned
Room 303 AB	Coeur d'Alene Tribe's Brownfields Response Program AND Tribal Sustainable Environmental Planning – NEPA and HUD Requirements
Room 401 AB	Assisting Community Sustainability in Small and Rural Populations through the DISC Tool AND Exchange Network and E-Enterprise for the Environment: Updates for Tribes
Room 402 AB	Remedial Investigation Feasibility Study 101
Room 402 C	Do I Really Have to Test That? AND Secondary Containment for USTs– Requirements and Selection
Room 300 C	The Community Engagement Process for Responding to the Gold King Mine Spill
Room 300 D	Brainstorming Ways to Recycle Old Fishing Gear

Wednesday Afternoon, August 15: Multi Media Meetup

3:30 PM-5:00 PM : Exhibit Hall B1/B2

Join us in Exhibit Hall B1/B2 during this breakout period for the Multi Media Meetup. Numerous information tables, demonstrations, and poster presentations will be available for you during this special networking and educational event. See page 27 for more information.

Thursday Morning, August 16: Breakout Sessions

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

Room 302 AB	Trench Composting at Blue Lake Rancheria AND Maximizing Energy from Waste while Minimizing Life Cycle Environmental Burdens and Cost
Room 303 AB	Contracting for Environmental Services
Room 401 AB	Health Issues and Exposure to Environmental Changes AND Lead Awareness in Indian Country: Keeping Our Children Healthy!
Room 402 AB	Preserving Resources While Protecting Tribal Use at Tar Creek Superfund Site AND Cultivating Capacity at Tribal Superfund Sites by Streamlining Human Health Risk Assessment and Natural Resource Damage Assessment and Restoration
Room 402 C	Biofuels and UST Equipment Compatibility
Room 300 C	Oil Transport through the Puget Sound, Columbia River, and Other Inland Waterways AND Yakama Nation HazMat Spill Response Program and Mosier Oil Train Derailment
Room 300 D	Stream Restoration Project: Lessons Learned from Implementing Four Types of Stream Restoration Projects AND Moving Past Planning: Permitting and Implementation of River Restoration with Mixed Jurisdictions

Agenda ~ At a Glance



Thursday Morning, August 16: Breakout Sessions

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

Room 302 AB	Choctaw Nation Recycling Facility Case Study AND Tire Recycling at Comanche Nation
Room 303 AB	Brightfields on Tribal Lands
Room 401 AB	Building Understanding: Developing Tribal Sovereignty Workshops for Internal and External Partners
Room 402 AB	Superfund Cleanup and Munitions at Federal Facilities
Room 402 C	An Introduction to Cleaning Up Leaking UST Sites AND Tribal Case Study of a UST Cleanup
Room 300 C	Tribal Water Quality and Cyanotoxins: Leading a Multi-Jurisdictional Monitoring Program
Room 300 D	Managing and Financing Septic Systems AND Water Harvesting at Pala Band of Mission Indians

Thursday Afternoon, August 16: Breakout Sessions

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

Room 302 AB	Building for the Environment– Sustainable Materials Management in Building and Deconstruction Projects AND Deconstruction and Green Building: Growing Tribal Communities of Practice
Room 303 AB	Planning for Natural Disaster Debris on Tribal Lands
Room 401 AB	Addressing Risks to Tribal Resources from the Toxics that are Released from Consumer Products AND Pesticides in Tribal Communities: Strategies for Assessing and Reducing Risks
Room 402 AB	Lake Superior Barrels Project: Addressing Environmental Threats in Sacred Waters AND Jackpile Uranium Mine: Updates and Community Involvement
Room 402 C	UST Financial Responsibility Examples
Room 300 C	Tribal Health Impact Assessment for Wild Rice Rule Revisions AND Tribal Conservation Districts
Room 300 D	Incorporating Swinomish Cultural Values into Wetland Assessment and Management AND Swinomish Water Quality Standards, Code Development, and US EPA Approval Process AND Swinomish Water Quality Data– Long Term Trends

Thursday Afternoon, August 16: Closing Plenary

3:30 PM-5:00 PM: Exhibit Hall C

3:30 – 4:00 pm	Final raffle, closing remarks, refreshments
4:00 – 5:00 pm	Special presentation by Casey Mitchell, Nez Perce Tribe Performance by the Rose Creek Drummers





Detailed Agenda ~ Monday, August 13

Time

Topic

Location

8:00 am – 12:00 pm Establishing and Enhancing the Brownfields 128(a)

Tribal Response Program

Room 303 AB

Details: Establishing and Enhancing the Brownfields/128(a) Tribal Response Program (TRP)

An overview of how to Establish the 128(a) TRP-Brownfields program and also how to enhance an established program. A discussion of the issues and problems encountered by tribes and how to implement a successful program for the benefit of the Tribe (s). What technical assistance and training is available to the TRP Coordinators. This is intended for tribal staff with little Brownfield experience as well as those with experience. Outcome will be information sharing and improvements in all TRP program implementation.

Instructor: Mickey Hartnett, KSU-MAP

1:00 pm – 5:00 pm Community Engagement & Brownfields Redevelopment through Indigenous Planning & Interdisciplinary Partnerships

Room 303 AB

Details: This session is part of the National Tribal TAB initiative led by Kansas State University. Specifically, it will introduce participants to key concepts of Indigenous Planning and its role in Brownfields Reuse and Redevelopment. Additionally, there will be hands-on demographic training focused on utilizing U.S. Census information to create population pyramids. This session is comprised of an interdisciplinary team including the University of New Mexico's Indigenous Design + Planning Institute, Kansas State University's Tribal TAB, Eight Northern Indian Pueblo Council, and KSU TAB-affiliated partners as collaborators. The goal of this session is to develop capacity in tribal community engagement, in a neutral setting, using Indigenous participatory techniques that can leverage Tribal Response Programs (TRP) resources and tools. For example, the approach can help stakeholders scope, plan, and implement land re-use decisions based on an agreed set of principles and input from all generations. This and other values-based methods can generate consensus in meeting environmental, economic, cultural, and social needs with brownfields sites involving existing infrastructure, greenspace, and strategic visioning. NOTE: the hands-on training requires a laptop with Microsoft Excel.

Instructors: Michaela Paulette Shirley and Theodora Jojola, UNM; Margaret Chavez, ENIPC; Eugene Goldfarb, UIC; Blase Leven, KSU-TAB

1:00 pm – 3:00 pm Digital Storytelling Strategies for Tribal Environmental Programs

Room 401 AB

Details: Digital storytelling is an approach used in communities worldwide that allows storytellers to produce brief (2-3 minutes) videos blending their own voices, photographs, video clips or music. They are told in the first person about an issue of importance to the storyteller- Your story told and shown from your unique perspective. Illegal dumping continues to plague New Mexico and through a FY2018 NM Recycling and Illegal Dumping Grant, the Santo Domingo Tribe's Natural Resources Department (SDT NRD) is looking for new and innovative ways to help with cleanup and prevention. This funding seeks to gather a collection of short movies from participants that will assist in the sharing of ideas and experiences as the SDT NRD collaborates with Creative Narrations to conduct two (2) digital storytelling workshops for the twenty-two Pueblos and Tribes in NM with a focus on curbing illegal dumping within our homelands. Each participant will create their own 2-3 minute video during the workshop.

Instructor: Cynthia Naha, Santo Domingo Tribe

Moderator: Mansel Nelson, ITEP

3:00 pm – 5:00 pm Hazardous Waste Identification & Minimization

Room 401 AB

Details: Hazardous waste poses a significant threat in tribal communities, especially if the hazardous waste remains unidentified. Recent hazardous waste improvement rules now require generators of waste to perform accurate waste identifications. US EPA has established a strong framework for identifying wastes and determining if they are hazardous. Attendees will participate in hands-on waste identification activities using this framework with commonly used cleaning products which will allow people to identify common wastes in their homes and businesses. Waste minimization efforts will be discussed in order to reduce the regulatory and pollution burden on Tribal Nations, such as that through making safer purchasing choices. Pollution prevention options will be presented to support these efforts.

Instructors: Liz Blackburn, US EPA Region 7

Moderator: Mansel Nelson, ITEP

Detailed Agenda ~ Monday, August 13



Time	Topic	Location
1:00 pm – 5:00 pm	Addressing Meth Problems in Indian Country Details: The use of “Meth” and other drugs in Indian Country has become epidemic and the impacts on tribal communities, health and housing is very serious. This training session will provide information on the problems resulting from the production and use of “Meth” on tribal communities, health issues and impacts on residential structures. The methods and resources available to assess and cleanup the impacts on housing structures and related materials will be discussed to include use of the Tribal Brownfields/Tribal Response Programs and other tribal and federal resources. An Interdisciplinary approach and the coordinated efforts of many tribal programs is critical in addressing the many problems associated with Meth use and production on tribal lands especially coordination between tribal housing, environmental and law enforcement programs. The Outcome of this session is intended to be a better understanding of the problems and the cooperation and interdisciplinary approach needed to address them. Instructors: Jody Ground, Choke Cherry Consulting LLC and Mickey Hartnett, KSU-TAB Moderator: Ann Wyatt, Klawok Tribe and TWAR Steering Committee	Room 402 AB
1:00 pm – 5:00 pm	Strengthening Tribal Self-Determination and Self-Governance through the Administration of Environmental Protection Programs 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 US EPA in its work with tribes and help US 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: James M. Grijalva, University of North Dakota School of Law Moderator: Ann Marie Chischilly, ITEP Executive Director	Room 402 C
8:00 am - 12:00 pm	EPA Spill Prevention Control & Countermeasures Regulation (SPCC) Inspector Course Details: The purpose of the SPCC rule is to help facilities prevent a discharge of oil into navigable waters or adjoining shorelines. The SPCC rule requires facilities to develop, maintain, and implement an oil spill prevention plan, called an SPCC Plan. Instructor will use a combination of lecture, case study examples, and interactive discussions to acquaint participants with the tools and resources available that will assist them in inspecting (oil storage) SPCC facilities for compliance with rule requirements. This class is a shorter version (and does not substitute for) the 40-hour course which is a program-specific training requirement for oil inspectors, other US EPA personnel, grantees, or contractors conducting compliance monitoring activities associated with 40 CFR part 112 (such as oil inspections or exercises). Instructor: Mark Howard, US EPA	Room 302 AB
1:00 pm – 5:00 pm	National Incident Management System (NIMS - ICS/Unified Command) Short Course Details: Participants will learn the basics of emergency response operations and organization from EPA and FEMA. Discussion of how local, state, tribal, and federal agencies respond to incidents and how partners fit into Unified Command with participant input will be encouraged. Class will follow FEMA NIMS on-line training but will allow for additional material from all representatives/instructors. Instructors: Nick Nichols, US EPA and FEMA representative	Room 302 AB
8:00 am– 5:00 pm	One-on-one Assistance with WQX Submission Details: One-on-one appointments can be made to receive both WQX Web and WQX/Node submitting assistance. Each appointment will review the Tribe’s data, identify submission challenges and work to submit data and/or set up a plan to follow-up with the Tribe to resolve any outstanding issues. We also welcome other non-appointment visits, as we can still discuss data questions and set up a plan for follow-up as well. To schedule an individual appointment please email STORET@epa.gov . In the subject line write WQX Appointment Request . Include in your email message the following information: Tribe’s Name; Primary Contact Name; Primary Contact Phone; Primary Contact Email; Your 1st, 2nd, & 3rd time preferences for appointments; If you know your Org ID & User ID, please include that information as well; a summary of the assistance you will require. Instructor: Laura Shumway, US EPA	Room 300 C



Detailed Agenda ~ Monday, August 13

Time

Topic

Location

10:00 am– 12:00 pm Hydrologic and Water Quality System (HAWQS) Modeling Room 300 D

Details: The Hydrologic and Water Quality System (HAWQS) is a web-based interactive water quantity and quality modeling system that employs as its core modeling engine the Soil and Water Assessment Tool (SWAT). The session will walk users through HAWQS' interactive web interfaces and maps; pre-loaded input data; outputs that include tables, charts, and raw output data; a user guide, and online development, execution, and storage of a user's modeling projects. Participants should have some water quality modeling experience or familiarity of the process of development of models. The participants will be guided through an example project allowing users to understand the workflows of projects in HAWQS.

Instructors: Arndt Gossel and Stephen Muela, ORISE Fellows

Moderator: Elaine Wilson, ITEP

1:00 pm– 5:00 pm Unmanned Aircraft Systems Flight Training & Part 107 Course Room 300 D

Details: This is an introduction to the use of the tools, resources and information to achieve 40 hours training and certification goals how to fly professional-grade UAS manually and autonomously. Students will gain industry knowledge, real time demonstration of an actual drone in operation. In a real world experience aides in conducting search & rescue missions, inspection/assessments in extreme hazardous conditions, data collections and GIS data processing, real time aerial photographing, deploying sensors in remote areas. Assisting other local agencies, Tribal Resources, THPO, and Law Enforcement.

Instructor: Quinton Jacket, Ute Mountain Ute Tribe

Moderator: Riley Smith, Makah Tribe

8:00 am – 5:00 pm FIELD TRIP Tour of the Coeur d'Alene Tribe's work on the Bunker Hill Superfund Site Riverside Lobby

Details: The Bunker Hill Mining and Metallurgical Complex Site in North Idaho was listed on the National Priorities List as a Superfund Site in 1983., and as the site lies within the heart of the Coeur d'Alene Tribe's aboriginal homeland, the Tribe has been actively involved in the technical and leadership level in both EPA's remedial process and Natural Resource Damage Assessment. Please wear close toed shoes, and bring water, camera, bagged lunch or money to eat at the legendary Snakepit!

8:00 am – 5:00 pm FIELD TRIP: Tour of Spokane Tribe's Water and Habitat Projects Riverside Lobby

Details: Employees of the Tribe's Water and Fish Program developed a special field trip highlighting their work to protect Tribal waters – and all that rely on this vital source of life. Four different stops will allow attendees to visit the Tribe's creek restoration projects, fish hatchery, oxygen monitoring activities in lakes, evaluations of tributaries to the Spokane and Columbia Rivers, and native vegetation work. Please bring comfortable walking attire, a hat, sunscreen, and plenty of water.

8:00 am – 10:00 am FIELD TRIP and TRAINING at the Spokane Master Composter Demonstration Site Riverside Lobby

Details: The City of Spokane offers the Master Composter Certification for community members. This successful Master Composter and Recycler Program has been in effect since 1988. Volunteer Master Composters and Recyclers play an active role in Spokane County's Regional Solid Waste System by teaching citizens how to reduce waste through recycling and home composting. On this tour you will learn about the program through a presentation, hear from the community master composters, and tour the green zone, the home composting demonstration area. You may even be asked to turn a compost pile! Please make sure to bring comfortable walking attire, a hat, sunscreen, and plenty of water.

8:30 am – 5:00 pm FIELD TRIP Visit to the Confederated Tribes of Colville's Recycling Facilities Riverside Lobby

Details: The Colville Confederated Tribes established a recycling center in 2008 which has continued to grow and evolve, becoming an exceptional resource for the Tribes (diverting significant amounts of recyclables from the waste stream, providing good employment for Tribal members, generating revenues through proactive market research, and protecting Mother Earth). Attendees will tour an extremely successful recycling operation, learn about equipment and staffing needs, and have a chance to talk with Tribal recycling specialists about how they can develop or expand their own recycling operations. Please wear close toed shoes, and bring water, camera, bagged lunch or money to eat at the Tribe's casino restaurant.

Detailed Agenda ~ Tuesday, August 14



Time	Topic	Location
8:00 am – 9:45 am	Updates from the ITF & Addressing Open Dumps in Partnership with IHS	Room 302 AB
	<p>Details: In the first part of this training attendees will learn about the multi-agency tribal Infrastructure Task Force's (ITF) work to develop and coordinate federal activities in delivering water infrastructure, wastewater infrastructure and solid waste management services to tribal communities. The ITF created a Waste Programs Sub-workgroup to identify and address programs, initiatives, and other issues that will improve planning construction, operation, and maintenance of sustainable infrastructure on tribal lands. Three Work Teams worked on the following issues: Team 1: "Barriers and Potential Resources to Solid Waste Implementation in Indian Country," Team 2: "Community Engagement Strategy," and Team 3: "Proposed Approach to Improve Open Dumps Data and Solid Waste Projects and Programs in Indian Country." A representative from each Work Teams will present on the work that is being completed or that has been achieved thus far. The second part will focus on how the Indian Health Service and the US EPA have entered a partnership through a Memorandum of Understanding to better coordinate their efforts in the areas of solid waste projects, programs, and open dump data. This discussion will cover the current state of implementation of this MOU on open dump data and solid waste projects and programs. Attendees will also be provide with an understanding of how Tribes can seek funding for open dump and solid waste projects through the Sanitation Deficiency System (SDS) process; how the SDS scores and ranking criteria are determined; how Tribes can best work with IHS to update, delete, or add new projects to SDS.</p> <p>Instructors: Rob Roy, La Jolla Band of Luiseno Indians; Kami Snowden, TSWAN; Kim Katonica and Charles Reddoor, US EPA; Ben Shuman, IHS</p> <p>Moderator: Rob Roy, La Jolla Band of Luiseno Indians and TWAR Steering Committee</p>	
10:00 am – 12:00 pm	Waste Needs Assessment & Technical Assistance Discussion with EPA Regions 9 and 10	Room 302 AB
	<p>Details: The focus of this interactive listening session will be for Tribal representatives to provide feedback to Tribal Waste program staff at EPA on what technical assistance means to Tribes, their past experiences with EPA technical assistance, and what types of technical assistance that they would like to receive from EPA. Staff from the EPA's Tribal Waste programs in Regions 9 and 10 will facilitate this session, listen to feedback, and provide information on their Region's approaches on technical assistance on solid and hazardous waste management. This information exchange will allow EPA staff to learn where technical assistance and programmatic interventions have been and/or could be the most useful. These conversations will help to ensure that EPA's technical assistance on solid and hazardous waste management is meeting the needs of Tribes and for Tribes to give feedback to inform future work.</p> <p>Instructors: Kristy Fry, Angel Ip, Ted Jacobson, Rick McMonagle, US EPA Region 10; Deirdre Nurre, US EPA</p> <p>Moderator: Rob Roy, La Jolla Band of Luiseno Indians and TWAR Steering Committee</p>	
9:00 am – 10:00 am	Emergency Response: FEMA & EPA Roles & Responsibilities	Room 401 AB
	<p>Details: Federal Program representatives will explain how FEMA and US EPA respond to natural events and accidental releases and spills. Similarities and differences in how tribes interact with US EPA and FEMA will be discussed. Update on FEMA and EPA emergency management operations and regulations.</p> <p>Instructors: Nick Nichols, US EPA and FEMA representative</p>	
10:00 am – 11:00 am	US EPA Office of Emergency Management/Nez Perce Tribe Oil & Chemical Spills 101	Room 401 AB
	<p>Details: Presenters will explain how the Nez Perce Tribe and US EPA prevent, plan, and respond to oil and chemical releases and spills. Notification, area planning, Unified Command, and tribal roles and responsibilities when emergencies occur will be discussed. Presentation will include how the National Response Team and National Response System utilize preparedness and response authorities, resources, and the capabilities of the System and the member agencies.</p> <p>Instructors: John Wheaton, Nez Perce Tribe and TWAR Steering Committee; Nick Nichols, US EPA</p>	
11:00 am – 12:00 pm	BNSF Railway Specialized Resources & Training	Room 401 AB
	<p>Details: Participants will be introduced to Response Resources provided by BNSF for Planning, Preparedness and Response along with Specialized Training offered to First Responders.</p> <p>Instructor: James Farner, BNSF Railway</p> <p>Moderator: Cynthia Naha, Santo Domingo Tribe and TWAR Steering Committee</p>	



Detailed Agenda ~ Tuesday, August 14

Time	Topic	Location
8:00 am – 12:00 pm	ATSDR Tools to Engage the Community and Evaluate Hazardous Sites	Room 303 AB
<p>Details: In this interactive session, participants will learn about tools and resources created by the Agency for Toxic Substances and Disease Registry (ATSDR) Brownfields/Land Reuse Program. Community health is an important part of land revitalization. To encourage healthy redevelopment ATSDR creates resources to help communities consider health in revitalization plans. In this session, Captain Gary Perlman, an integral member of the ATSDR Land Reuse Team, will demonstrate and describe four ATSDR resources designed to improve community health and engage communities in land reuse plans. The first resource is the ATSDR Brownfields/Land Revitalization Action Model, a four-step framework to engage communities in land reuse planning. Through brainstorming, the Development Community -all those with a vested interest in revitalization, work through four steps: 1. Identify community issues, 2. suggest revitalization strategies to address issues, 3. discuss corresponding health benefits, and 4. create indicators to measure changes in overall community health status over time. Over 20 communities have used the Action Model, leading to what ATSDR believes is one of the first sets of public health indicators associated with redevelopment.</p> <p>Instructor: Gary Perlman, ATSDR</p> <p>Moderator: Ann Wyatt, Klawok Tribe and TWAR Steering Committee</p>		
8:00 am – 12:00 pm	Conducting Effective Compliance Assistance Inspections for UST Owner/ Operator	Room 402 AB
<p>Details: This special training will provide a hands-on training for tribal professionals interested in providing compliance assistance to their UST owner/operators, especially as the deadline for new regulations is coming up in October of this year. Attendees will meet in training room 402AB, and then depart at 9:00 am for a local UST facility, where they will walk through a compliance assistance inspection, learn useful strategies on how to effectively conduct these inspections, and share their own approaches with colleagues. <u>Please note</u> you will need to sign up in advance for this training and site visit. All attendees should wear close toed shoes. Safety vests will be provided but attendees are encouraged to bring theirs if they have them.</p> <p>Instructors: Ben Thomas, UST Training, and Victoria Flowers and Mike Arce, Oneida Nation</p>		
8:30 am – 9:45 pm	Lights...Camera...Success Stories! GAP National Pilot	Room 300 D
<p>Details: The Indian Environmental General Assistance Program (GAP) helps tribes develop a range of environmental program capacities – from water quality monitoring to emergency response. One way of demonstrating the breadth and value of GAP funding is through tribal success stories. This session will focus on the recent pilot conducted by EPA's American Indian Environmental Office with tribal and regional staff to support development of a new, national system for collecting and sharing GAP success stories. Session attendees will hear from pilot participants, learn about next steps, and have the opportunity to share suggestions with AIEO leadership.</p> <p>Instructors: Felicia Wright and Lisa Berrios, US EPA</p> <p>Moderator: Rebecca Stevens, Coeur d'Alene Tribe and TWAR Steering Committee</p>		
10:00 am – 12:00 pm	Available Tools for Calculating Hydrologic Budget Components on Tribal Lands	Room 300 D
<p>Details: Using existing national-scale data and models, the USGS and Salish Kootenai College recently estimated mean annual precipitation, evapotranspiration, excess precipitation, streamflow, and water use for the period 1971-2000 for all tribal lands in the conterminous US. This session will introduce the datasets used for this analysis, how budget components were calculated, results of the analysis, and how the results may be used in water resources management. Participants will be shown additional USGS tools that may be used to manage water resources, especially streamflow, for items such as infrastructure protection and tracing the source of water that flows onto or adjacent to Tribal lands.</p> <p>Presenter: Stephen Hundt, US Geological Survey Idaho Water Science Center</p> <p>Moderator: Rebecca Stevens, Coeur d'Alene Tribe and TWAR Steering Committee</p>		
8:00 am – 12:00 pm	One-on-one Assistance with WQX Submission	Room 300 C
<p>Details: Please see details on page 12</p>		



Detailed Agenda ~ Tuesday, August 14



10:00 am – 12:00 pm Building a Tribal Mining Program through Collaborations Room 402 C

Details: Back by popular demand! This presentation will provide an overview of tribal mining issues, using hands on activities, and provide perspective and examples of collaboration and partnerships (internally and externally) which have helped shape the Tohono O'odham Mining program, as well as to take a look at potential future cooperative opportunities, including workgroups, funding, outreach, and education. As part of this course you will come to understand basic mining information including life cycle of a mine; learn some history related to mining on tribal lands; be able to differentiate between modern and legacy mining practices; understand some positive and negative impacts of mining unique to tribal communities; and have the chance to discuss ideas about partnering and collaboration, as well as participate in hands-on activities.

Instructor: Laurie Suter, Tohono O'odham Nation

Moderator: Christine Poore, USEPA Headquarters

8:30 am – 12:00 pm FIELD TRIP A tour of Spokane's Materials and Recycling Technology Center & the Waste-to-Energy Facility Riverside Lobby

Details: Tour Spokane's Materials and Recycling Technology Center and Spokane's Waste to Energy (WTE) Facility, which can process 100,000 tons of recyclables per year and is the centerpiece of a regional strategy aimed at dramatically reducing waste and boosting recycling in the area. On this tour participants will learn the environmental reasons Spokane County turned to WTE to process its trash 27 years ago and how it has remained the principal means of disposal since. All visitors are required to wear close toed shoes and should dress for the weather. Hard hats and safety glass will be provided. Expect some moderate walking and standing on hard surfaces.

8:00 am – 12:00 pm FIELD TRIP Visit to Spokane's Inland Paper Company Riverside Lobby

Details: Field trip participants will be guided through the entire system starting with the warehouse that houses recycled materials in raw form, describing how they get the materials, what contaminants are present, and the research and development processes they have used to discover new technologies for tertiary treatment of the effluent. The tour will also include a viewing of the effluent system and the chip yard followed by a tour of the paper machine where pulp is made into sheets, dried and cut into printer size rolls. Field trip participants must wear long pants and closed toed shoes (no sandals or flip flops).

8:00 am – 12:00 pm FIELD TRIP A walking tour of brownfields projects along the Spokane River Riverside Lobby

Details: This walking tour will take you along the Spokane River to visit the Kendall Yards business and residential district, the university district, and the riverfront park brownfields redevelopment. After crossing the river a presentation on Spokane's brownfields program, local Tribal involvement, and brownfields funding sources will be given. This fieldtrip will take place on Tuesday morning from 8:00am-12:00pm. Please make sure to bring comfortable walking attire, a hat, sunscreen, and plenty of water (~2 miles of walking). Accommodations are available; please let us know in advance.

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

1:30 - 1:45 pm Spokane Nation Color Guard Exhibit Hall C

1:45 - 2:25 pm Welcoming Remarks and Invocation
Pat Moses, Spokane Tribe
Representative from the Spokane Tribe
Ann Marie Chischilly, ITEP Executive Director
Arvind Patel, Pueblo of Acoma and Chair of the TWRAP Steering Committee
Ken Norton, Hoopa Valley Tribe and Chair of the National Tribal Water Council
Peter Wright, Senior Advisor to the Administrator, US EPA

2:25 - 3:00 pm Featured Presentation
Upper Columbia United Tribes (UCUT)



Detailed Agenda ~ Tuesday, August 14

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

Self-evaluation Tools: Judging Your Own Waste Management Practices AND Enhancing Tribal Solid Waste Activities ~ Room 302 AB ~

Details: This presentation will explain the Waste Indexes that the Alaska Department of Environmental Conservation Developed for scoring the landfill (all Types) in Alaska with number values and easily understandable scoring criteria. This makes it easy to see what steps to take to improve conditions and improve public health by minimizing solid waste issues in a step by step manor. This will cover multiple categories of waste handling and infrastructure. This should be very interesting and FUN...

Presenter: Ted Jacobson, US EPA/SEE

Details: Participants will learn of the initiatives the Pueblo of Acoma Solid Waste Management Department is taking to improve operations and the facilities for solid waste collection, transport and disposal of solid waste. We will discuss the recent operational enhancements we have undertaken as well as the plans for the development of a new community transfer station using a combination of EPA Gap funds, Tribal funds and private funds/partnerships for the facility development.

Presenter: Arvind Patel, Pueblo of Acoma

Moderator: Arvind Patel, Pueblo of Acoma and TWAR Steering Committee

Total Community Engagement Through Conversation Mapping ~ Room 401 AB ~

Details: This session includes a short teaching element coupled with hands-on work. Participants will prepare Conversation Maps working in groups of 8-10. They will complete the session by analyzing their own Maps so they understand how to use them within their own Tribal context. Conversation Mapping is a tool that teaches participants how to quickly gather ideas and identify barriers and unspoken concerns. It is a new way of approaching difficult issues. This tool helps break through hierarchies and gives even the quietest an equal voice. The Conversation Map is triggered with a topic of concern and will be most productive when worked on by a diverse and interdisciplinary group. Conversation Maps promote civil disagreements and debate, but remember, your pen is your voice: no talking.

Presenters: Sarah Diefendorf, EFCWest

Moderator: Cynthia Naha, Santo Domingo Tribe and TWAR Steering Committee

Successful 104(k) Brownfield Competitive Assessment/ Cleanup Grant Proposals AND E-Tools for TRP/ Brownfields and Other Environmental Programs ~ Room 303 AB~

Details: US EPA provides several types of annual Brownfield grants for assessment or cleanup of Brownfield sites under 104(k) of CERCLA. These are very competitive grants and are awarded to tribes, communities and non-profits across the country. This session will provide hints on how to craft a competitive proposal and successful tribes will share their experience in obtaining these grants. The intended outcome is for more tribes to be successful in obtaining these grants.

Presenters: Mickey Hartnett and Blase Leven, KSU-TAB

Details: The Kansas State University Technical Assistance to Brownfields program is developing several internet-computer based tools for Tribal Response Programs (and other tribal environmental programs) to enhance their program capabilities and capacity. These include: Enhancing the Brownfield Information Toolbox (BIT) with EPA ACREs interface; A Tribal Brownfields Forum for online discussion of brownfield and other TRP issues; A TRP/Brownfields App for gathering and downloading information from the field and other enhancements for mapping, information gathering and management. Participants will learn how to utilize computer and other electronic media to enhance and increase the capacity of their program.

Presenters: Dr. Cynthia Annett and Blase Leven, KSU-TAB

Moderator: Mickey Hartnett, KSU-TAB

Tank Talk: US EPA and Navajo Nation Oil Storage Programs ~ Room 402 C ~

Details: A presentation and discussion of the US EPA Office of Emergency Management Spill Prevention Control and Countermeasures Program and the Office of Land and Emergency Management's Underground Storage Tank regulations, policies, and inspection programs. Navajo Nation's Leaking Storage Tank Program will discuss their unique aboveground and underground tank program. You will learn the major differences between federal oil spill prevention and remediation regulatory programs. Be prepared to learn, ask questions, and engage in a discussion.

Presenters: Warren Roan and Tanya Yazzie, Navajo Nation; Nick Nichols and Mark Barolo, US EPA

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee

Detailed Agenda ~ Tuesday, August 14



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

Designing an Integrated, Comprehensive Tribal Water Program

~ Room 300 C~

Details: The Prairie Band Potawatomi Nation has a captivating story about integrating its wetlands, 106 monitoring, and 319 watershed programs into a comprehensive water program. EPA Region 7 has developed a series of tools to help tribal partners efficiently meet program needs and water quality goals with increasingly limited EPA funding. These tools include the cross-program funding matrix, ESTP Tiering Chart, and grants/communication best practices. After this session, participants will be able to use the Prairie Band Potawatomi Nation's example and the Region 7 tools to brainstorm ways to integrate Enhancing State and Tribal Programs (ESTP) with their water 106, water 319, and wetlands programs into a comprehensive water program.

Presenters: Verna Potts and Ma'Ko'Quah Jones, Prairie Band Potawatomi Nation; Heather Duncan and Eliodora Chamberlain, US EPA Region 7

Moderator: Rob Roy, La Jolla Band of Luiseno Indians and TWAR Steering Committee

Superfund Task Force Update

~ Room 402 AB~

Details: On July 25, 2017, US EPA's Superfund Task Force released its list of 42 recommendations. The recommendations address: expediting cleanup and remediation process; reducing financial burden on all parties involved in the entire cleanup process; encouraging private investment; promoting redevelopment and community revitalization; and, building and strengthening partnerships. The Office of Superfund Remediation and Technology Innovation (OSRTI) is directly involved in a number of recommendations and related initiatives such as creating the Administrator's Emphasis List, broadening the use of Adaptive Management, ensuring national consistency, and clarifying the principles of groundwater restoration. This session will provide a broad update on OSRTI-led recommendations as well as an update on how OSRTI will be engaging tribes on the recommendations.

Presenters: Christine Poore and Amanda Van Epps, US EPA

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

Water Quality Standards, Fish Consumptions Rates and Tribal Seafood Risk Assessment AND Indigenous Resource Management the Tolowa Dee-ni' Way

~ Room 300 D~

Details: For tribes and tribal members, consumption of fish, and in particular salmon, is an important aspect of tribal economies, culture, spirituality, and society. Water quality affects the health of fish populations, the level of contaminants in fish, and the consequent health risks posed by these contaminants to tribal members when they consume fish. This session will discuss: the role of fish consumption rates (FCRs) in the development of ambient water quality criteria (AWQC) for the protection of human health; fish consumption surveys and the derivation of appropriate FCRs; and risk assessment of the hazards high fish consuming populations may face.

Presenters: Lon Kissinger and Mary Lou Soscia, US EPA Region 10

Details: This presentation will focus on Tolowa Dee-ni' Nation's newly drafted Harvest Title (a unique governing document for the management marine resources based on cultural practices, traditional stewardship, and restorative justice), our Traditional Knowledge Database (a database we created to house all traditional knowledge in geospatial and aspatial formats), and our marine monitoring efforts that inform both the Title and Database (monitoring includes: biotoxins, smelt habitat, sea star health & abundance, biodiversity and perch populations).

Presenters: Rosa Laucci and Megan Van Pelt, Tolowa Dee-ni' Nation

Moderator: Elaine Wilson, ITEP





Detailed Agenda ~ Wednesday, August 15

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

SMM: Upstream Solutions for Impact! AND Landfills/Transfer Stations 101 ~ Room 302 AB~

Details: Sustainable Materials Management looks at the downstream benefits of upstream materials solutions; by asking questions about the types of materials we use and how they impact our waste streams we can create government policy to drive down the impacts of those materials. Something as simple as conducting a waste audit and discovering a high volume of a problematic material, like plastic film; then using that data to create a policy to reduce the amount of that material through ordinances, and outreach. Presenter(s) will share a presentation about Sustainable Materials Management and success stories of tribes and local governments who have utilized Sustainable Materials Management to lessen the burden of materials in their end of life.

Presenters: Kristy Fry, US EPA Region 10 and Deirdre Nurre, US EPA Region 9

Details: The objective of this session is to provide information that will assist tribal communities with a basic understanding of Municipal Solid Waste Landfills and Transfer Stations. The Landfills section topics will cover: What types of landfills are there? Why would I want a landfill on tribal lands? What are the benefits and risks of a tribal landfill; and how do we maximize landfill profits? The Transfer Station section will cover the following topics: What is a transfer station? Why use a transfer station? How do I estimate the size of a transfer station? What are the benefits of having a transfer station on tribal lands, tribal transfer station success stories, and how can we afford a transfer station?

Presenters: Craig Dufficy, US EPA

Moderator: Cynthia Naha, Santo Domingo Tribe and TWAR Steering Committee



Integrating TEK in Cleanup and Response Programs: Successes, Cautions, and Lessons Learned ~ Room 402 AB~

Details: This session will explore how TEK can be incorporated into EPA cleanup and response projects and actions, in the event a tribe chooses to share this information with EPA. Presenters will discuss the sensitivities around provision of TEK as well as the important benefits this knowledge can bring to a decision, program or action. Panel members will discuss real examples of how TEK was considered during cleanup and response actions. Region 10 TEK workgroup members will discuss the multi-year process they undertook to develop a culturally sensitive training to introduce the concept of TEK to Region 10 staff, including key issues related to the handling of TEK and how to develop an informed and transparent process that benefits both EPA and the tribe. Participants are invited to join a dialogue about the implementation of the Office of Land and Emergency Management (OLEM) TEK Memo (signed in January 2017) and provide feedback about how TEK is considered in their Region, describe lessons learned and best practices, discuss opportunities to replicate successful programs, and identify what resources are needed to help tribes, EPA Regions and EPA HQ successfully integrate TEK in cleanup and response programs.

Presenters: Elizabeth Sanchez, Yakama Nation; Kent Benjamin, US EPA; Wenona Wilson, and Joanne Moore, US EPA Region 10; Rick Eichstaedt, Region 10 RTOC

Moderator: Ann Wyatt, Klawok Tribe and TWAR Steering Committee

How Tribes can Develop the Capacity to Implement and Enforce Environmental Programs to Protect their Natural Resources under Tribal Law and Federal Law ~ Room 401 AB~

Details: The session will describe how Tribes can build capacity to successfully assert claims to protect their natural resources under federal and tribal law.

Presenters: Richard Du Bey and Brian Epley, Ogden Murphy Wallace, PLLC

Moderator: Elana Zana, Ogden Murphy Wallace, PLLC

Detailed Agenda ~ Wednesday, August 15



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

2018 BUILD Act Changes to CERCLA and the Brownfields Program AND Financial Literacy and Reporting ~ Room 303 AB~

Details: This session will inform attendees of the 2018 statutory amendments to CERCLA that provide additional opportunities and incentives for states, tribes, local governments, and non-profits to acquire, assess, and cleanup brownfields properties and promote economic development and community revitalization.

Presenter: Patricia Overmeyer, US EPA

Details: This session will discuss rules and regulations, work plans, grant terms and conditions, how to get reimbursed, keep your files audit proof, what files to maintain, team work, ACRES, quarterly reporting, final reports.

Presenters: Dale Mitchell, Passamaquoddy Tribe; Sean O'Brien Penobscot Indian Nation; AmyJean McKeown, US EPA Region I

Moderator: Mark Junker, Sac and Fox Nation of Missouri in Kansas and Nebraska and TWAR Steering Committee


Getting Ready for the October 2018 UST Compliance Deadline ~ Room 402 C~

Details: This presentation will get UST operators and inspectors prepared for the new EPA UST regulations deadline of October 13, 2018. Learn about operator training, sump and spill bucket testing, leak detection certification, biofuel compatibility and more. Also hear suggested compliance strategies to avoid common pitfalls from speaker Ben Thomas who will share his 30 years experience in the UST world.

Presenter: Ben Thomas, UST Training

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee





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Detailed Agenda ~ Wednesday, August 15

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

Radionuclides in Drinking Water – the Spokane Tribe's Approach ~ Room 300 D~

Details: This session will discuss the history of addressing contamination in drinking water from unregulated sources on the Spokane Reservation. The presentation will include methodology and findings from a recent water testing collaboration between the Spokane Water and Fish Program, the National Tribal Water Center and the Centers for Disease Control. Participants will gain insight on developing a plan to assess water quality, carrying out a testing project and applying the acquired data to develop a strategy to mitigate contamination.

Presenters: Brian Crossley, Spokane Tribe; James Temte and Bailey Gamble, ANTHC

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

ATTAINS Tribal Water Quality Reporting Tool AND Identifying and Addressing PFAS in Your Community ~ Room 300 C~

Details: The session will start with a review of the ATTAINS pilot project status, a brief demo of ATTAINS, current water quality results from the pilot and will wrap up with a testimonial from Micah Issacs from Citizen of Potawatomi Nation on his experience with ATTAINS.

Presenter: Laura Shumway, US EPA

Details: This session will provide an overview of EPA's current activities addressing per- and polyfluoroalkyl substances (PFAS) and include a brief discussion on PFAS-related issues, including identifying PFAS, solutions for addressing PFAS, and communicating PFAS.

Presenter: Jennifer McLain, US EPA

Moderator: Lydia Scheer, ITEP

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Detailed Agenda ~ Wednesday, August 15



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

Education and Outreach– Talking Trash ~ Room 302 AB ~

Details: Tribal solid waste managers have the task of reducing litter and open dumping, and promoting recycling, reuse, and source reduction activities. Each one of these activities requires some behavioral change by tribal members. The primary mechanism for achieving this change is environmental education that leads to action. This presentation will review a variety of education resources available for planning education and outreach activities for schools and communities.

Presenter: Mansel Nelson, ITEP

Moderator: Ann Wyatt, Klawok Tribe and TWAR Steering Committee

How Tribes Can Use Citizen Suits and Other Laws to Preserve and Protect the Health and Quality of the Reservation ~ Room 401 AB ~

Details: Nick Thomas and Andrew Fuller, of Ogden Murphy Wallace, PLC and members of the Tribal Government Practice Group will be presenting during this participatory session. Following the presentation, attendees will be asked to participate and role play in an effort to allow them to apply the information presented in this session. Other members of the Tribal Government Practice Group will participate in this workshop.

Presenters: Andrew Fuller and Nick Thomas, Ogden Murphy Wallace, PLLC

Moderator: Richard Du Bey, Ogden Murphy Wallace, PLLC

Tribes and Non-Tribal Partnerships for Environmental Response and Brownfields ~ Room 303 AB ~

Details: Tribes that work with nontribal entities, such as state programs, nonprofits, cities, technical assistance providers, and Federal agencies will yield the best results in the implementation of environmental programs, as well as conservation, preservation, public safety, cultural heritage and economic development. This beginner's session highlights successful partnerships across the West.

Presenter: Mike Henry, Lily Bermejo, Joy Britt, and Ignacio Dayrit, CCLR

Cultural Perspectives and Resources in Superfund Work: An Open Discussion ~ Room 402 AB ~

Details: How do you, or how does your Tribe, ensure cultural values, protect cultural resources, incorporate cultural knowledge, in your monitoring, remediation, or restoration activities at your contaminated site? Have you had any particular successes, faced any particular obstacles, or developed any particular strategies you want to share? Members of the Tribal Superfund Working Group advisory council will begin this special Talking Circle session with stories from their work at their sites, and then all attendees are invited to share their own stories. It will be moderated by members of the Tribal Superfund Working Group advisory council and staff from ITEP.

Moderator: Tribal Superfund Working Group Advisory Council members and ITEP staff





Detailed Agenda ~ Wednesday, August 15

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

Major Industry Changes in Operator Certification: Is State Certification Suitable to Protecting Your Tribe's Public Health and Sovereignty? ~ Room 300 D ~

Details: The Safe Drinking Water Act (SDWA) sets the minimum federal baseline rules and regulations a public water system must meet. In 2017, the national standardized exams for water and wastewater operator certification were revised. These new standardized certification exams no longer test for operator knowledge of the applicable public health rules and regulations. Some state operator certification agencies are transitioning to the new 2017 standardized exams by requiring candidates to take state-specific regulatory training as a condition of certification eligibility (in-lieu of testing for operator knowledge of applicable public health regulations and rules). In this session, participants will learn how these major changes affect Tribal utilities and how the ITCA National Tribal Operator Certification Program is responding in order to protect Tribal sovereignty.

Presenter: Brian Bennon, ITCA

Moderator: Mansel Nelson, ITEP

Compliance and Enforcement of UST Regulatory Requirements ~ Room 402 C~

Details: This session will provide an overview of common compliance challenges at UST facilities in Indian country, what's required for the upcoming October 13, 2018 deadline, available tools to help with compliance, and what happens when there is noncompliance at an UST facility.

Presenter: Susan O'Keefe and Tony Raia, US EPA; Mallory Miller, US EPA Region 4

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee



A National Tribal Water Council Listening Session AND Tribal Listening Session: Proposal to Revise the Definition of Waters of the US ~ Room 300 C~

Details: The National Tribal Water Council will provide a summary of current water related issues that have the potential to affect Tribes and Alaska Native Tribes and Villages, such as, overall US EPA budget for STAG, Drinking Water Set Aside; "Waters of the United States" (WOTUS); Baseline Water Quality Standards; and GAP Guidance revisions. More importantly, the Water Council wishes to hear and listen to the concerns and issues in Indian Country related to these topics and others.

Presenters: Ken Norton, Nancy Schuldt, Kathleen Brosemer, Alex Cabillo, and Micco Emarthla – Members of the National Tribal Water Council

Details: EPA and the Department of Army are following a two-step rulemaking process to develop a revised definition of "waters of the United States." A February 2017 Presidential Executive Order directed the agencies to review and rescind or revise the 2015 Rule. In step 1, the agencies proposed to recodify the previous, longstanding regulatory definition. In step 2, the agencies plan to propose a new definition. The agencies are aware that the scope of CWA jurisdiction is of interest to tribes and, therefore, want to provide time for appropriate consideration and deliberations on the ultimate regulation. Tribal staff and officials are invited to participate in this session to learn more about the agencies' actions and to provide feedback on how different rulemaking options might affect tribes.

Presenters: Rose Kwok, US EPA

Moderator: Elaine Wilson, ITEP

NOTES:

Detailed Agenda ~ Wednesday, August 15



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

Building a Hazardous Waste Program AND Out First Household Hazardous Waste Collec- tion Event: Highlights and Lessons Learned ~ Room 302 AB~

Details: Tribal nations face major environmental challenges associated with hazardous waste. The hazards present in wastes can harm tribal communities and the environment if not managed properly. While tribes face significant challenges in this area, there are also opportunities. Tribal governments recognize the need for tribal governance over hazardous waste generation, management, and disposal. Each tribal nation has a unique need for hazardous waste management. This session will share the experiences of the Santee Sioux Nation as it begins to develop a hazardous waste management program. The session will focus on tribal enforcement authority, inspection programs, inspector credentialing, and other resources. Attendees will discuss options and challenges to developing their own program. Presenters will discuss how US EPA can partner with tribal governments to help build tribal capacity.

Presenters: Liz Blackburn and Jane Kloeckner, US EPA Region 7; Alisha Bartling and Page Hingst, Santee Sioux Nation of Nebraska

Details: Sessions at past TLEFs have focused on several issues relating to hazardous wastes, including inspections, emergency response, safety, storage, management, recycling, and program funding sources. However, few conference discussions have highlighted the challenges and successes of tribally-sponsored household hazardous waste (HHW) collection events. During this session, participants will learn about recent expansion of the solid and hazardous waste program managed by the Confederated Salish and Kootenai Tribes (CSKT) of western Montana. The CSKT have planned and are preparing to host the first-ever tribally-sponsored HHW collection event on the Flathead Indian Reservation in August 2018. The CSKT are partnering with several organizations to ensure the success of the event, including the tribal college, the CSKT Housing Authority, the local non-tribal government, a non-profit organization, event sponsors, fire departments, and the regional waste management company. In addition to the waste collection event, we will highlight other important components of our EPA-funded program, including 1) development of a tribal hazardous waste ordinance; 2) preparation of educational products to improve public awareness; 3) refinement of our hazardous materials/wastes inventory; and 4) completion of a feasibility study to evaluate potential long-term funding sources for an annual collection event. We will also provide tips on how to write effective grant proposals and potential sources of funding for developing or expanding tribal hazardous waste programs.

Presenters: Willie Keenan, Confederated Salish and Kootenai Tribes and Adam Johnson, NewFields

Moderator: Rob Roy, La Jolla Band of Luiseno Indians and TWAR Steering Committee

Assisting Community Sustainability in Small and Rural Populations through the DISC Tool AND Exchange Network and E-Enterprise for the Environment: Updates for Tribes ~ Room 401 AB~

Details: The EPA is developing an application named DISC (Decisions Integration for Strong Communities) to assist communities in meeting their coordinated economic, social, and environmental goals. We are conducting research to help determine the usefulness of this tool for smaller communities and, potentially, local tribal units. The key to success for this tool is garnering support from these types of communities. We encourage collaboration among communities, US EPA, and other sustainability groups. DISC encourages smart growth through equitable development, and assists communities in making financially sound decisions that diminish disparities, strengthens existing communities. Initially, seven goal areas will serve as discussion topics for describing the sustainability of a community within the DISC tool: Local economy, environmental resource management, built environment, public health, community involvement, society, and resilience.

Presenters: Kristi Swisher, US EPA/ORISE Fellow

Details: This session will provide updates on current activities for the Exchange Network (EN) and E-Enterprise for the Environment (EE) that are relevant to tribes. Presenters will share highlights and review current activities to assess tribal needs and capacity regarding environmental data management, and related efforts to craft an updated technology architecture roadmap for the future. An update on the EE QAPP streamlining effort, and other current initiatives, such as the EE Community Inventory Platform, will also be provided.

Presenters: Frank Harjo, Micco Emarthla, Kristen Durance, Owen McAleer, Lydia Scheer

Moderator: Lydia Scheer, ITEP





Detailed Agenda ~ Wednesday, August 15

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

Remedial Investigation Feasibility Study 101

~ Room 402 AB~

Details: This session will focus on the remedial investigation/feasibility study (RI/FS) process from start to finish focusing on Tribal involvement in the process. I'd like to discuss Tribal research permit process, cultural monitoring for studies provided by the Tribes, Tribal standards (water, sediment, hazardous waste, etc...), cooperative agreements, and general involvement in the process by Tribes and why it is important to not just have a contractor. We will also discuss funding sources provided with this process (Tribal vs. Government). This session will be beneficial to the beginner all the way to Tribes currently involved with a CERCLA site.

Presenter: Cindy Marchand, Confederated Tribes of Colville

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

Do I Really Have to Test That? AND Secondary Containment for USTs– Requirements and Selection ~Room 402 C ~

Details: Despite the three year phase in period for many of the 2015 UST regulation revisions, a great deal of confusion remains on the new equipment testing requirements for release prevention/release detection equipment, 40CFR 280.35 in particular. In this session, we'll clarify the requirements using specific examples for what does and doesn't require the annual and tri-annual testing. Many facilities are scheduling expensive tests they aren't required to have such as integrity testing for sumps not used for interstitial monitoring of piping. Many contractors are advising facilities they need to conduct these expensive tests when they aren't actually required for compliance. We will explain new equipment testing requirements and ways to advise facility operators how to comply without doing unnecessary testing.

Presenter: John LeBlanc, Red Lake Band of Chippewa

Details: The new UST regulations require secondary containment that is compatible with the fuels stored and that they are inspected and tested. The new regulations require integrity testing or interstitial monitoring. The participant will learn about accepted methods, challenges with each and how to ensure that UST systems are compliant with the new regulations.

Presenter: Jeff Dzierzanowski, SourceNA

Moderator: Victoria Flowers, Oneida Nation

Coeur d'Alene Tribe's Brownfields Response Program AND Tribal Sustainable Environmental Planning – NEPA & HUD Requirements

~ Room 303 AB ~

Details: This session will share the Coeur d'Alene Tribe's experiences with its first two years of its Brownfields Response Program. The Tribe will share the steps it has taken to build its program, accomplishments and results to date and future plans for the program.

Presenter: Tiffany Allgood, Coeur d'Alene Tribe

Details: In this session we'll explore promoting (sustainable) environmental planning by: Talking about comprehensive planning & how it fits into tribal decision making; Going over some of the pertinent mechanics of NEPA and other federal environmental laws; Pointing out how tribes can use the procedures set up by federal environmental authorities such as NEPA to impact federal decision making. We will also discuss how planning can promote collaboration among different arms of tribal government.

Presenter: Eugene Goldfarb, KSU-TAB

Moderator: Mark Junker, Sac and Fox Nation of Missouri in Kansas and Nebraska and TWAR Steering Committee

Brainstorming Ways to Recycle Old Fishing Gear ~Room 300 D ~

Details: This session will focus on listening to members of coastal states to (1) identify challenges in disposing of or recycling fishing gear and (2) brainstorm solutions that might be shared across/within regions. Net Your Problem is working on developing economically sustainable gear recycling programs around the United States, and every port has a different solution. This session aligns directly with ITEP's mission to share what solid waste programs work and which don't, and to share that information across regions. Participants should be familiar with solid waste disposal options and preferentially have contacts in the fishing or shipping industries. At the end of the session, regional groups will be formed to continue the discussion, with Net Your Problem serving as a consultant to all groups.

Presenters: Nicole Baker, Net Your Problem, and Scott Anderson, Native Village of Port Heiden

Detailed Agenda ~ Wednesday, August 15



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

The Community Engagement Process for Responding to the Gold King Mine Spill

~Room 300 C ~

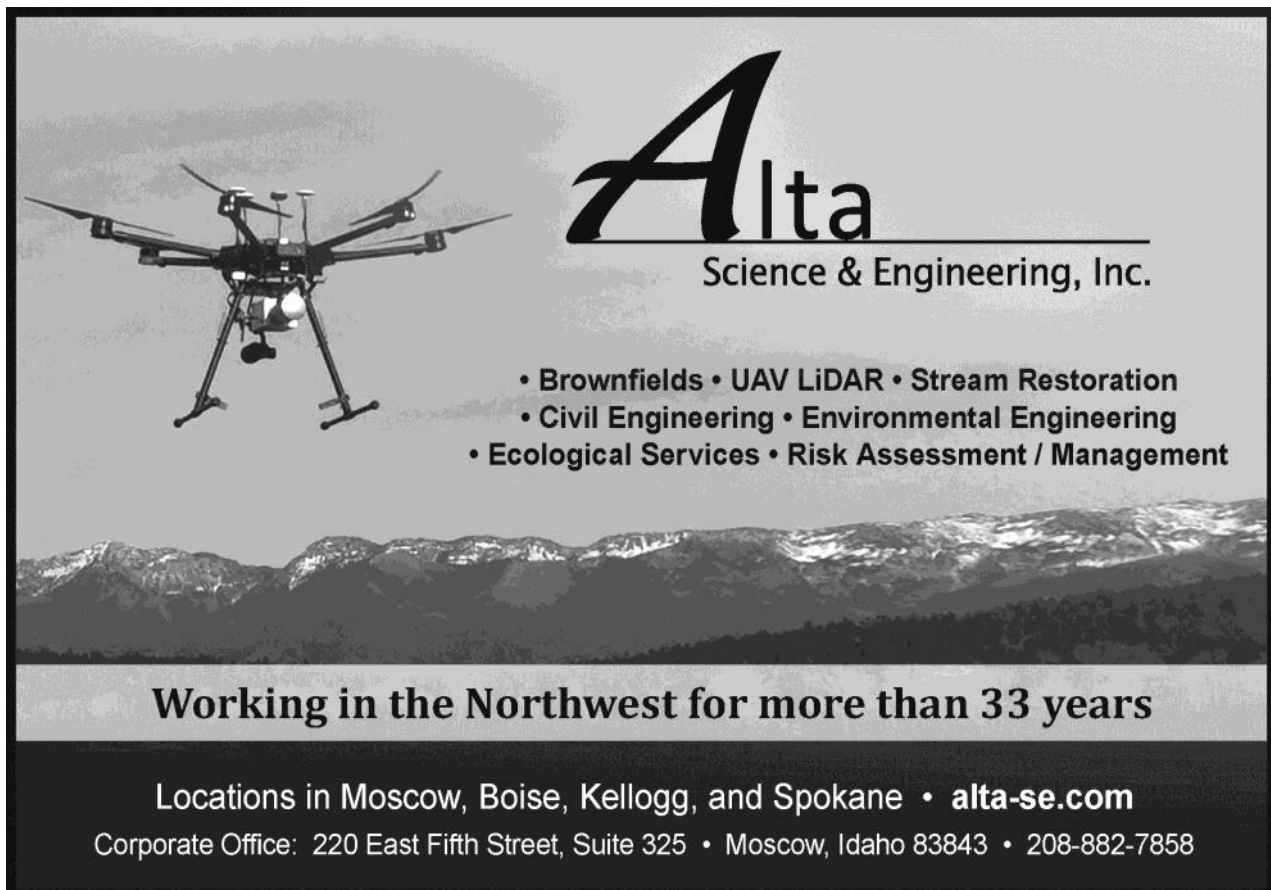
Details: In August 2015, 3 million gallons of acid mine drainage were accidentally released from the Gold King Mine, eventually reaching the San Juan River. The Diné (Navajo) people rely heavily on the San Juan River for agricultural, spiritual and cultural practices. An interdisciplinary group of researchers, community partners, and governmental agencies rapidly mobilized to respond to the needs of the Diné. This session will highlight the environmental and biomonitoring monitoring methods used to respond to the Gold King Mine Spill. Participants will become proficient with environmental water and soil sampling methods. Session attendees will learn to engage with academic and community partners to develop and implement a biomonitoring and environmental sampling plan.

Presenter: Yoshira Ornelas Van Horne, University of Arizona, Gold King Mine Spill Diné Exposure Project

Moderator: Amanda Van Epps, USEPA Headquarters

NOTES:

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Detailed Agenda ~ Wednesday, August 15

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

Exhibit Hall B 1 / B 2

Join us for our third 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 RIDLFI/EcoChem, Backflow Management Inc., New Fields, Abt Associates, USTTraining, and AWQMS/Gold Systems. Following are just some of the groups participating this year!

- Pueblo of Acoma: The Pueblo is working to form a sovereign electric company where the Pueblo, providing retail sale and service of electricity to the community – the first Pueblo to do so. Information will also be shared on efforts to establish utility scale renewable energy on the Pueblo of Acoma.
- Coeur d'Alene Tribe: Coeur d'Alene Tribal Summer Youth experiences in STEM education by way of connecting Watershed Science with Culture, Outreach, and the 4 pillars: Membership, Guardianship, Scholarship, and Stewardship.
- Colville Confederated Tribes: The Tribe's Environmental Trust Department will highlight their work, including their climate change activities and response program.
- Fort Belknap Indian Community: Poster display of the Tribe's work on Climate Change and Wetlands. Displaying First Foods, Native Plants, and Native Crafts.
- Santo Domingo Tribe: Providing information on their Recycling and Illegal Dumping projects and their Digital Storytelling Workshops for the Pueblos and Tribes in New Mexico. Examples of Digital Storytelling will be on display .
- Tribal Waste and Response Steering Committee: Members of the TWAR SC will be on hand to talk with attendees about their priorities and issues.
- Tribal Superfund Working Group: Tribes will be displaying a wide variety of creative public outreach and engagement materials they have developed to support their work.
- National Tribal Water Council: Displaying information on current work and a chance to meet members.
- National Tribal Toxics Council: Displaying the work of the NTTC and Zender Environmental to increase awareness among tribes of toxic chemicals in everyday consumer products which are regulated under TSCA.
- Inter Tribal Council of Arizona: Information on National Tribal Water & Wastewater Operator Certification Program.
- National Tribal Caucus: Come learn about the history and origins of the NTC, EPA's first tribal partnership group, as we head into the 25th year of partnership with EPA! Attendees are invited to share their ideas and stories.
- US Dept. of the Interior/NRDAR: Providing information on Natural Resource Damage Assessment and Restoration.
- USGS: Display of the Digital Temperature Sensor, a one km long fiber optic cable capable of measuring water temperature flux at a one meter scale.
- US EPA OLEM: Staff from the Office of Superfund Remediation and Technology Innovation, Federal Facilities Restoration and Reuse Office, Office of Emergency Management, Office of Resource Conservation and Recovery, and Office of Brownfields and Land Revitalization will be on hand to talk about their various services and to answer questions.
- US EPA OUST: Demonstrating free, online compliance assistance tools to help UST owners and operators comply with the federal UST regulation. Participants can try EPA's online UST operator exam and inspector training.
- US EPA AIEO: Staff will answer questions and discuss their services/projects to assist Tribal environmental professionals.
- US EPA OPPT: Providing copies a new Toxics Release Inventory Tribal Fact Sheet and demonstrating a new online tool that displays maps, charts and graphs about toxic chemicals released by facilities located on or near tribal lands.
- US EPA Region 7: Representatives from water programs, wetlands, federal tribal law, and solid waste will be on hand to answer your questions, provide assistance, AND point you to great contacts in your home Region!

Detailed Agenda ~ Thursday, August 16



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

Trench Composting at Blue Lake Rancheria AND Maximizing Energy from Waste while Minimizing Life Cycle Environmental Burdens and Cost ~ Room 302 AB ~

Details: Food waste diversion that provides healthy benefits for the land and people.

Presenters: Jacob Pounds and Suzanne Alvernaz, Blue Lake Rancheria

Details: Discussion of a soon to be released guidance document for tribal and island communities that are exploring options for more sustainable management of materials with in the Municipal Solid Waste (MSW) stream. The presentation will cover the cost and environmental life cycle aspects of alternative MSW management options including: source reduction, reuse, recycling, composting, mass burn combustion, of other conversion technologies, anaerobic digestion, pyrolysis and gasification and landfill disposal. A simple decision tree diagram and key questions for decision makers to ask conversion technology purveyors. Outcome will be to assist the community in developing knowledge of the tools for long short and long term management of solid waste. Presentation will also include information on the different management options.

Presenter: Carol Staniec, US EPA Region 5

Moderator: Rick McMonagle, US EPA Region 10

Contracting for Environmental Services ~ Room 303 AB ~

Details: Contracting for Environmental Services: Services such as Brownfields ASTM Site Assessments, Brownfield or other contaminated Site Cleanups, Emergency Response, legal assistance, community outreach assistance, environmental sampling and/or laboratory analysis, information/data management or report writing. A panel discussion of the best practices for development of Request for Proposals/ Quotes (RFP/RFQs), Contractor selection, Contract negotiations, contractor oversight and customer-contractor working relationships for environmental tasks. Requirements specifically for contracting when using federal grant funds. Outcome should result in better contracting procedures and contractor relationships for improved results and cost effectiveness. No contracting experience required.

Presenters: Mickey Hartnett, KSU-TAB; Jody Ground, Choke Cherry Consulting; Rich Campbell, Campbell Environmental

Health Issues and Exposure to Environmental Changes AND Lead Awareness in Indian Country: Keeping our Children Healthy! ~ Room 401 AB ~

Details: Social determinants of health do not sufficiently explain high rates of poor health outcomes in U.S. Indigenous communities, which has led scholars to include environmental changes and historical trauma to examine intergenerational transmissions of health disparities. Previous studies found relationships between poor mental health and discrimination with exposure to environmental changes among tribal members. Environmental grief is felt at the same depth as for human loss grief. This presentation will demonstrate the development of an adaptation as an intervention to reduce health impacts from environmental changes. Participants will learn community led methods to empower Indigenous youth to break the cycle of intergenerational transmission of historical trauma by leading their communities to reconnecting with the environment as a pathway to relearn healthy behaviors of their ancestors.

Presenter: Shanondora Billiot, United Houma Nation/ University of Illinois

Details: The National Tribal Toxics Council, National Tribal Science Council and several EPA offices are working together to develop an education curriculum on lead, titled: Lead Awareness in Indian Country: Keeping our Children Healthy! The purpose of the lead education and prevention curriculum is to increase understanding and awareness of childhood lead exposures, health effects, and preventative actions. The target audience for instructors includes Tribal community/ youth leaders and environmental health providers. The target audience for participants includes tribal leaders, parents, grandparents, students, teachers, adults and community leaders. Currently, the team is working on the modules of the curriculum which include: Understanding Lead, Personal Hygiene and Nutrition, Cleaning Techniques, Hiring Lead Professionals, and Engaging the Community. A pilot testing of the curriculum this year will refine and validate the curriculum's applicability for tribal needs.

Presenters: Dianne Barton, Columbia River Inter-Tribal Fish Commission and NTTC, and Amanda Hauff, US EPA

Moderator: Mansel Nelson, ITEP



Detailed Agenda ~ Thursday, August 16

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

Biofuels and UST Equipment Compatibility ~ Room 402 C ~

Details: A discussion about emerging trends in gasoline and diesel formulation including the addition of renewable fuels and their impact on gasoline stations and infrastructure. The participant will also learn about how regulations have mandated the increasing percentages of renewable fuels in our national fuel supply.

Presenters: Victoria Flowers, Oneida Nation and TWAR Steering Committee Member and Jeff Dzierzanowski, SourceNA

Oil Transport through the Puget Sound, Columbia River, and Other Inland Waterways AND Yakama Nation HazMat Spill Response Program and Mosier Oil Train Derailment ~Room 300 C ~

Details: Twenty billion gallons of oil are transported through Puget Sound, the Columbia River and many other inland river waters annually by vessel, rail, and pipeline. This transport of oil and the risk of major oil spills pose a threat to tribal resources, natural, cultural and economic. The Regional Response Team X/Northwest Area Committee develops plans for responding to spills in a rapid, aggressive and well-coordinated way, including tribes in the response process. Recently the plan was changed to include a Tribal Coordination Specialist position to help tribes navigate the Incident Command System to best leverage their limited staff and protect their interests, Sovereignty and make decisions effectively. This panel can address the questions of best practices for tribes to leverage limited resources to improve emergency response outcomes; developing tools and training to use ICS during a response to both small and large spills; opportunities for involving tribes in the planning process such as development of geographic response plans to pre-identify tribal resources that could be at risk of damage from oil spills

Presenters: Linda Pilkey-Jarvis, Washington State Department of Ecology and Tribal Presenters

Details: A presentation on the Mosier train derailment and involvement by the Yakama Nation response program.

Presenters: Wil Badonie and Elizabeth Sanchez, Yakama Nation

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

Preserving Resources while Protecting Tribal Use at Tar Creek Superfund Site AND Cultivating Capacity at Tribal Superfund Sites by Streamlining Human Health Risk Assessment and Natural Resource Damage Assessment and Restoration ~Room 402 AB ~

Details: Tribe's efforts to minimize disposal of topsoil by raising cleanup goals, while still being protective of tribal uses at the Tar Creek Superfund Site

Presenters: Tim Kent and Summer King, Quapaw Tribe

Details: Remediation and restoration at Superfund sites occur through regulatory programs with many parallel steps, but different objectives, and are typically implemented independently of one another. The objective of remediation is to reduce risk to human health and the environment, while that of restoration is to return natural resources and services to baseline conditions that existed prior to the contamination. Despite differences in objectives, environmental practitioners have begun to recognize efficiencies that may be gained by combining aspects of Ecological Risk Assessment (ERA) and Natural Resource Damage Assessment Restoration (NRDAR). However, there may also be more uniquely Tribal synergies to be gained between Human Health Risk Assessment (HHRA) and NRDAR. In this breakout session we describe a tribal cultural capacity-building approach to streamlining HHRA and NRDAR, using a Tar Creek Superfund Site case study.

Presenters: Kaylene Ritter and Jennifer Peers, Abt Associates; Brian Cleary, Cleary Law Group

Moderator: Rebecca Stevens, Couer d'Alene Tribe and TWAR Steering Committee Member



Detailed Agenda ~ Thursday, August 16



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

Stream Restoration Project Lessons Learned from Implementing 4 Different Types of Stream Restoration Projects

AND

Moving Past Planning and Implementation of River Restoration with Mixed Jurisdictions

~Room 300 D ~

Details: This presentation is on the planning and implementation of four different stream restoration projects; working in the middle of nowhere versus in an urban setting, fish passage projects versus in stream habitat projects. I will share what I have learned after 15 years regarding funding, planning, permitting, construction, and monitoring of the projects.

Presenter: Jim Snitgen, Oneida Nation

Details: What to expect with the permitting process when you have multiple agencies and jurisdictions. Monitoring and following permit requirements through implementation, and implementing phases on a large scale restoration project.

Presenter: Emily Luscombe, Coyote Valley Band of Pomo Indians

Moderator: Ann Wyatt, Klawok Tribe and TWAR Steering Committee

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Detailed Agenda ~ Thursday, August 16

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

Superfund Cleanup and Munitions at Federal Facilities ~ Room 402 AB ~

Details: This first part of this session will focus on providing an overview of federal facility cleanups under Superfund. The roles of federal agencies and tribal governments in federal facility Superfund cleanups, EPA's Federal Facility Tribal Program, and approach to developing partnerships will be discussed. For the second part, the EPA HQ munitions program manager will give an overview of the munitions response process including the latest guidance, policy issues, and technical developments. EPA will also discuss tools developed to assist regulators and stakeholders overseeing munitions cleanups. Emphasis will be placed on QA/QC efforts for effective implementation of advanced geophysical classification.

Presenter: Emerald Laija, Mary Cooke, and Doug Maddox, US EPA

Building Understanding: Developing Tribal Sovereignty Workshops for Internal and External Partners ~ Room 401 AB ~

Details: Though research and education related to tribes have historically been fields fraught with tension, given their use as means for assimilation and degradation of tribal cultures, they also are critical tools for strengthening sovereignty. This workshop will describe how the Coeur d'Alene Tribe is working to strengthen research and education, both internally and with outside partners, by providing sovereignty workshops that emphasize the history of Federal Indian Policy, research protocols, and frameworks for equitable partnerships. The results have been overwhelmingly positive, as both tribal staff and partners have reported a deeper understanding of how historical forces continue to impact their work today. A survey of the curriculum, including evaluation results from Idaho workshops, will be shared.

Presenter: Laura Laumatia, Caj Matheson, and Shawna Daniels, Coeur d'Alene Tribe

Moderator: Rob Roy, La Jolla Band of Luiseno Indians and TWAR Steering Committee

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Detailed Agenda ~ Thursday, August 16



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

Choctaw Nation Recycling Facility Case Study AND Tire Recycling at the Comanche Nation ~ Room 302 AB ~

Details: This session will introduce attendees to the Choctaw Nation's recycling program, and operations at our recycling facilities.

Presenter: Jason Lilley, Choctaw Nation

Details: Our session will be focusing on the benefits of recycling tires and how to prevent tires from ending up river banks, lakes and so on. We will also give a brief summary of our annual tire & battery drive and how it helps our community with recycling tires. Participants will learn where the tires go and how they are recycled and the benefits of keeping the land, waters clean from tires and how to reduce the amount of natural resources we recycle tires. The expected outcome is that after the session participants will have a better understanding on how to recycle tires and where to take tires. Also, where the recycled rubber goes and what it can be made into.

Presenters: Sean Cable and Michael Craig, Comanche Nation

Moderator: Cynthia Naha, Santo Domingo Tribe and TWAR Steering Committee

Brightfields on Tribal Lands ~ Room 303 AB ~

Details: Solar energy comes in all sizes, different markets, complicated regulations, and evolving technologies. And that's for nontribal lands. This panel will uncover the possibilities for development of solar installations appropriate for all scales of development.

Presenters: Ignacio Dayrit, Center for Creative Land Recycling; Chris Deschene and Douglas MacCourt, Rosette Law



Tribal Case Study of a UST Cleanup AND An Introduction to Assessing and Cleaning Up Leaking UST Sites ~ Room 402 C ~

Details: I will present on the gas station clean-up that we are currently doing. This will start with how we identified the release, what we did as soon as we discovered the release (calling in the release and why its important), the assessment we did and what was found, coordination with EPA, funding the clean-up, finding a consultant, writing the work plan, and what work that has been done and results that we have up to the date of the presentation. Participants will learn a way to identify possible UST releases, what should be done when a release is discovered, and possible other sources for clean-up funds.

Presenters: Troy Techlin, Saginaw Chippewa Tribe of Michigan

Details: This interactive session will outline the process of leaking underground storage tank (LUST) site investigation and cleanup beginning with site discovery through site assessment including high resolution site characterization, cleanup, and eventual closure. Discussion topics include project planning, regulatory requirements, developing a scope of work and a conceptual site model, contracting, sampling design and methodology, sample analysis, cleanup strategies and technologies, and clean vs. risk-based site closures.

Presenters: Janice Pearson, US EPA Region 8 and Rob Rau, US EPA Region 10

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee

NOTES:



Detailed Agenda ~ Thursday, August 16

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

Tribal Water Quality and Cyanotoxins: Leading a Multi- Jurisdictional Monitoring Program

~ Room 300 C ~

Details: During this session, participants will hear how Tribes (Big Valley Band of Pomo Indians and Elem Indian Colony) started a critical public health water monitoring program on Clear Lake, the largest natural lake in California. The Tribal efforts led to collaborative drinking water safety projects and increased transparency in communication from the lake managers. The Tribes also utilized data to participate in Clean Water Act regulatory framework (nutrient TMDL and establishing Tribal designated/beneficial uses). Participants should expect to learn about the challenges and impacts of cyanobacteria and cyanotoxins in waters that have traditional Tribal uses as well as tools and resources for Tribal water monitoring programs.

Presenters: Sarah Ryan, Big Valley Band of Pomo Indians and Karola Kennedy, Elem Indian Colony

Moderator: Elaine Wilson, ITEP

NOTES:

Managing and Financing Septic Systems AND

Water Harvesting at Pala Band of Mission Indians

~ Room 300 D ~

Details: Septic system maintenance is critical since poorly maintained systems can result in sewage backup into homes and/or pollution of nearby waters. Proper maintenance saves money, protects property values, human health, and the environment. SepticSmart Week is a national education campaign led by the US EPA to promote proper septic system maintenance by residents. EPA outreach material on septic system maintenance will be presented, specific to tribal communities. In addition, funding opportunities for decentralized systems on tribal lands will be highlighted from EPA's Water Finance Clearinghouse. The Water Finance Clearinghouse is a searchable database of available funding and resources for water infrastructure needs that includes a search filter for tribes. Case studies will be shown from EPA's Financing Decentralized Wastewater Systems Learning Module. The learning module is an interactive portal for residents to learn how their system works and provides information on financing options.

Presenter: Gaida Mahgoub, ORISE Fellow

Details: Tribal collaboration with a local watershed council helped to install a number of water harvesting projects (greywater laundry-to-landscape, rain gardens, rain cisterns) on tribal homes in our watershed, as well as some agricultural irrigation efficiency projects (soil moisture sensors & a weather station) on one of the Pala Tribe's agricultural groves. All of these projects help the tribes to conserve water resources and build a relationship for future grant projects. This session will aim to (1) provide some real-world examples of successful partnerships with on-the-ground results, and (2) to provide some general instruction on a variety of water conservation projects that can be done on tribal lands, and how they can help protect tribal water resources.

Presenter: Heidi Brow, Pala Band of Mission Indians



Detailed Agenda ~ Thursday, August 16



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

Planning for Natural Disaster Debris on Tribal Lands ~ Room 303 AB ~

Details: Natural disasters challenge tribal communities yearly and are expected to increase in frequency and intensity. In addition to addressing the loss of homes, lives, and power from natural disasters, communities are tasked with the difficult job of managing large amounts of natural disaster debris that may be generated. Debris may damage necessary infrastructure, block access to roads, and pose threats to human health and the environment. This session will highlight debris management planning and available resources. Tribal members will discuss elements of their disaster debris programs, such as partnering to build a landfill on tribal lands and implementing a debris management plan. Attendees will leave with a strong foundation to prepare for future debris, including the knowledge to prepare or update their own debris management plans.

Presenter: Melissa Kaps, US EPA

Moderator: Ann Wyatt, Klawok Tribe and TWAR Steering Committee

Lake Superior Barrels Project: Addressing Environmental Threats in Sacred Waters AND Jackpile Uranium Mine: Updates and Community Involvement ~ Room 402 AB ~

Details: This session will introduce you to the Lake Superior Barrels Project that has been managed by the Red Cliff Band of Lake Superior Chippewa under the U.S. Department of Defense Native American Lands Mitigation Program. Presenters will provide historical background, military waste context, and a summary of findings of underwater barrel surveys conducted within the scope of tribal treaty rights and sovereignty. Project aspects include gathering cross-jurisdictional support in the Lake Superior basin, hazardous waste permitting, community engagement, data collection, data interpretation & mapping, and working with federal agencies in tribally ceded territories.

Presenters: Linda Nguyen, Red Cliff Band of Lake Superior Chippewa and Bruno Ridolfi, RIDOLFI Environmental

Details: We will update participants on the current status of the mine and some of the current work being performed. Also talk about some of the challenges in protecting pristine waters and getting the community to get involved.

Presenters: Greg Jojola and Erin "Nikki" Woodward, Pueblo of Laguna

Moderator: Rebeca Stevens, Coeur d'Alene and TWAR Steering Committee

Building for the Environment- Sustainable Materials Management in Building and Deconstruction Projects AND Deconstruction and Green Building: Growing Tribal Communities of Practice ~ Room 302 AB ~

Details: Tribes are beginning to incorporate Sustainable Materials Management principles into how they manage their materials and waste. Participants will hear about how tribes are putting these principles into practice in construction and deconstruction projects. Timonie Hood will kick off the session with a description of SMM. Christopher Bedeau of Miigwech Aki will then provide information about their unique business plan, their successes and some of the challenges in their social enterprise that aims to put the greatest amount of building materials back to a useful purpose instead of sending it to a landfill. Miigwech Aki also provided construction training, financial literacy, and work readiness programs for their employees. Finally, Julia Jacobs will talk about how they are addressing the almost 150 abandoned structures and mobile homes on their lands from an SMM perspective.

Presenters: Timonie Hood, US EPA Region 9; Chris Bedeau, Northwest Indian Community Development Center; Julia Jacobs, Saint Regis Mohawk Tribe

Details: This session will focus on deconstruction of abandoned mobile homes and healthier tribal housing. Presenters will cover health impacts from our built environment, focusing on issues with the aging mobile homes so numerous on tribal lands. We will hear about Hopland Band of Pomo Indians' efforts to inform tribal residents of concerns and to develop a departmental program of deconstructing abandoned mobile homes and reusing salvaged materials. We will describe two tribal mobile home deconstruction trainings held in California last year, overview the process and identify key lessons. We'll touch upon the budgetary and regulatory challenges involved. EPA's Tribal Green Building toolkit will be shared with case studies from green building efforts with tribes in Arizona and California.

Presenters: Terri McCartney and Tyrone Mitchell, Hopland Band of Pomo Indians; Deirdre Nurre and Timonie Hood, US EPA Region 9

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



Detailed Agenda ~ Thursday, August 16

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

Tribal Health Impact Assessment for Wild Rice Rule Revisions AND Tribal Conservation Districts

~ Room 300 C ~

Details: For millennia, Minnesota tribes have been sustained by their harvest and consumption of wild rice, known as *ma-noomin* to the Ojibwe and *Psin* to the Sioux or Dakota people. Manoomin is considered sacred, a gift from the Creator; it is essential to tribal subsistence culture, diet, and traditions. Many tribes are zealously working to protect and restore remaining stands of wild rice on their reservations and within their ceded territories, but for other tribes in this region, the resource has already disappeared, along with the cultural connections and traditional knowledge. Minnesota and two tribes currently have in their water quality standards a federally approved sulfate criterion of 10 mg/l to protect natural wild rice stands from adverse effects of excess sulfate. The state has proposed changes to not only the sulfate criterion, but also to broader CWA protections for wild rice. The end result of these proposed rule revisions is that manoomin will be less protected under state regulations, and further declines in this critical cultural and natural resource will disproportionately affect tribal communities' health and well-being. At the same time, the Fond du Lac Band is undergoing a triennial review of our water quality standards. Based upon monitoring data and research results, we will be proposing to maintain our sulfate standard and include broader narrative standards to strengthen protection for reservation wild rice waters. A health impacts analysis (HIA) is an appropriate tool for evaluating and communicating some of these potential effects: impacts to community health, social cohesion, access to healthy food, equity; generally promoting health in policies and plans. We are investigating two pathways and associated tribal health outcomes: decreased protection and increased protection for wild rice through regulatory decisions.

Presenters: Nancy Shultz and Shannon Judd, Fond du Lac Band of Lake Superior Chippewa

Details: A Tribal conservation district provides a Tribal entity that focuses on learning about and utilizing the USDA and other federal agencies natural resource programs to help care for Mother Earth. Tribal conservation districts are essential if Indian Country is to ever achieve parity in access to federal conservation programs and to be able to manage their lands in a productive and healthy manner. To have Tribal needs met, it is critically important for Tribal Governments and farm/ranch producers to become involved in setting the goals and priorities of their Tribal District. A conservation district formed under tribal law or a tribal conservation advisory council established by the tribe serves as the focal point for grass-roots efforts and the coordinating point in working with other entities in solving concerns by building coalitions founded on common objectives. These other entities may be local, state or federal. Building strong coalitions is a key to solving many of the existing natural resource issues we are faced with today.

Presenter: Dick Gooby, Indian Nations Conservation Alliance

Incorporating Swinomish Cultural Values into Wetland Assessment and Management AND Swinomish Water Quality Standards, Code Development, and EPA Approval Process AND Swinomish Water Quality Data- Long Term Trends

~ Room 300 D ~

Details: In this three-part session, participants will learn how the Swinomish Tribe has developed water quality standards, collects water quality data in support of those standards, and has developed a methodology for incorporating cultural values into wetland management.

Presenter: Todd Mitchell, Swinomish Indian Tribal Community

Moderator: Elaine Wilson, ITEP

UST Financial Responsibility Examples

~ Room 402 C ~

Details: A panel discussion that includes representatives from various Tribes who have had a wide array of experiences obtaining and using their financial responsibility mechanisms.

Presenters: TBD

Moderator: Victoria Flowers, Oneida Nation and TWAR Steering Committee



Detailed Agenda ~ Thursday, August 16



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

Addressing Risks to Tribal Resources from the Toxics that are Released from Consumer Products AND Pesticides in Tribal Communities: Strategies for Assessing and Reducing Risks ~ Room 401 AB ~

Details: Many products that Tribal governments and Tribal people buy and use are made from or with regulated “chemicals in commerce.” Several of these are banned in other countries because they are highly toxic to people and their environment and are bio-persistent, meaning they stay in our environment for decades. Tribal leaders and tribal science staff can work to protect their resources and people by simply sharing how everyday consumer products are contributing to contamination and degradation of Tribal lifeways via water, fish, wildlife, plants, and air. Did you know that the levels set as “safe” by USEPA mean they are safe for the general population, but Tribal people’s traditional and or modern lifeways were not really considered in their analysis? For example, they still think that eating a serving of fish once per month, about the size of your fist is normal. You can strengthen Tribal Sovereignty when you assert that your tribal lifeways deserve protection. The National Tribal Toxics Council works to advance the prevention of toxic pollution and identify the environmental injustice of disproportionate harmful health effects to tribal members from increased exposure to toxic chemicals. We are working with USEPA to set a precedent for risk assessments of chemicals that will protect Tribes as well as the general population from the release into the environment of chemicals contained in commercial products.

Presenters: Members of the NTTC: Diane Barton, Suzanne Fluharty, Fred Corey, Russell Hepfer, Laurie Suter, Rick DuBois, Susan Hanson, Jubin Cheruvelil

Details: Nearly every Tribe and Alaskan Native Village is affected by pesticides, whether they are utilized on Tribal lands for agricultural crops, to protect Tribal homes and structures from pest damage, or as the result of off-Tribal land use that has resulted in the contamination of natural resources that are used by Tribal people for food, medicinal, spiritual, recreational, or artisanal use. This session will provide an overview of a process that Tribes can use to identify potential pesticide impacts in their communities, will describe resources that can be used to support Tribal pesticide program work, and Tribal and federal partners will share their Tribal pesticide perspectives, recommendations, and experiences. Additionally, this session will provide an introduction to the Tribal Pesticide Program Council (TPPC), an EPA Tribal partnership group that supports Tribes and Alaskan Native Villages who have pesticide issues and concerns.

Presenter: Fred Corey, Aroostook Band of Micmacs; Holly Thompson Duffy, IHS; Amanda Hauff, US EPA

Moderator: Leanna Begay, ITEP



tribaltoxics.org

National Tribal Toxics Council

The mission of the NTTC is to advance policies and programs for pollution prevention and toxics management, consistent with the needs, interests, and unique legal status of American Indian tribes, Alaska Natives, and Native Hawaiians.

Do you care that toxic chemicals end up in your beloved Native foods, water, plants, land, and air? Of course you do! Did you know that EPA OPPT regulates 98% of the 84,000+ chemicals in the marketplace? That includes all the products you buy for your homes and vehicles, supplies and toys for your babies and kids, your furniture, your computer, shampoo, and more!*



What can you do? The NTTC works directly with EPA leadership to bring a tribal voice “to the table” in decisions that affect us all. Join us. Download a membership application from tribaltoxics.org and submit it today.

Speak up! Your Tribe’s voice matters in EPA decisions! Get notified when it’s time to join formal Tribal consultations and submit comment letters to EPA. Go to tribaltoxics.org to sign up for notices about national calls, tribal letter templates, and chemical fact sheets.

Urgent! The EPA is deciding how and/or whether to include tribal health risks from product chemical exposure in evaluating whether a chemical should be regulated more strictly. Are you tired of cleaning up brownfields and want a future where you are simply planning for harvesting your traditional foods?

*EPA Office of Pollution Prevention and Toxics regulates about 82,000 industrial chemicals. The Office of Pesticides regulates about 2,000 chemicals. The Food & Drug Administration regulates about 2,000 chemicals for use in drugs, cosmetics, and food.





Closing Plenary ~ Thursday, August 16

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

Closing Plenary: Exhibit Hall C 3:30 pm - 5:00 pm

SPECIAL PRESENTATION BY THE NEZ PERCE TRIBE'S WILDLIFE PROGRAM

PERFORMANCE BY THE ROSE CREEK DRUMMERS

FINAL RAFFLE

Thank you all for joining us at this eighth 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.

Jennifer Williams, Program Coordinator Sr.
Riley Smith, Program Coordinator

Melinda Yaiva, Accountant
Lydia Scheer, EN Program Manager
Mansel Nelson, EEOP Project Director
Leanna Begay, Program Coordinator

Amanda Kapp, Videographer
Natasha Fulton, EN Research Specialist
Nikki Cooley, Climate Change Co-Manager
Elaine Wilson, NTWC Project Director



Tuesday: Tribal Drummer and Dancing Opportunity!

Please join the local Dancing Horses drumming group, as well as Tribal dancers outside the convention center on the Riverside Lawn from 5:30 to 6:30 pm.

This will be a wonderful opportunity to spend time with your fellow attendees, learn more about our host Tribes, and have a lot of fun!

Audience participation is very much encouraged!

Wednesday: Film Showing and Tribal Artists Exhibit

Following the day's breakout sessions, join us in Exhibit Hall C for a special screening of **United By Water**, a film that documents the journey of local Tribal communities to Kettle Falls, the fishing site of their ancestors, for the first time in 80 years. This film was developed by Upper Columbia United Tribes, and is narrated by Sherman Alexie. The film showing will begin at 6:00 pm. Before and after the film showing, there will be numerous local Tribal artists – of all types – displaying their amazing work.. You won't want to miss this terrific opportunity to learn more about our host Tribes.

5:00 to 6:00 pm visit with local Tribal Artists

6:00 to 7:00 pm: Film showing of "United By Water"

7:00 to 7:30 pm: More time to visit with Tribal Artists



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Annett, Cynthia: Cynthia Annett is a Research Associate Professor working with the Kansas State University's Tribal Technical Assistance for Brownfields (TAB) program. She holds a PhD from UC Berkeley and has over 30 years of experience in environmental science, aquatic ecology and fisheries. Dr. Annett provides assistance on database management, the use of e-tools for environmental and cultural resource inventories, and on using a variety of platforms for digital mapping in the field and collaborating with communities online. Her workshop materials can be found at CynthiaAnnett.org.

Baker, Nicole: Nicole Baker is a former North Pacific groundfish fisheries observer (2010-2015) who became actively involved in looking for a way to recycle fishing nets from Unalaska, Alaska. Her interest in this topic was inspired by Parley for the Oceans collaboration with Adidas to make a sneaker out of confiscated fishing nets and since 2015 has been looking for fisherman with nets to get rid of, and for recyclers who will take nets. She currently works at the University of Washington in Seattle, USA as a research scientist, and is the founder of Net Your Problem. She is focusing on expanding her footprint to other fishing ports, and is not restricted to working in the United States. She has lived on multiple islands and knows the limited options these types of communities have for waste disposal.

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

Barton, Dianne: Dianne is the Water Quality Coordinator at the Columbia River Inter-Tribal Fish Commission (CRITFC) where she provides technical expertise related to water quality, environmental toxics, regulatory processes, and fate and transport of contaminants. CRITFC is a technical support and coordinating agency for its member tribes' fisheries management programs that works to restore fish in the ancestral homeland of the CRITFC tribes which covers one-fourth of the entire Columbia River Basin. Salmon, water, and other natural and cultural resources are critical to tribal culture, religion, and economy but are threatened by the production and discharge of toxic contaminants and other pollutants into the environment. Consequently, CRITFC's tribal members whom rely upon their treaty fishing rights place them at a greater risk of exposure to toxic contaminants than members from non-

tribal communities. Dianne also serves as the Chairman of the National Tribal Toxics Council (NTTC) which is an EPA Tribal partnership group that advocates for tribal interests in toxic policy decisions. Key issues for the NTTC include advocacy for programs to minimize the disproportionate exposure of tribal members to toxic chemicals, increasing tribal capacity to monitor and assess foods and resources for toxic chemicals, and enhancing tribal consultation and coordination on national chemical risk management and pollution prevention policies and chemical regulation. Previously, Dianne was a Distinguished Member of Technical Staff at Sandia National Laboratories in Albuquerque, New Mexico and worked in their Environmental Restoration Technologies Department and in their Infrastructure Surety Department. She holds a Ph.D. in Geochemistry from the University of Arizona and is a member of the Bad River Band of Lake Superior Chippewa.

Bearfighter Reddoor, Charles: Charles Bearfighter Red-Door is the National Tribal Programs Coordinator for the Federal, State and Tribal Programs Branch, Permits and State Programs Division, EPA's Office of Resource Conservation and Recovery. He serves as a member of the Office of Resource Conservation and Recovery Tribal Team, works on solid and hazardous waste policy and guidance, and coordinates tribal solid waste activities, grants projects, and program measurement data with other federal agencies. Charles is an enrolled member of the Fort Peck Assiniboine & Sioux Tribes.

Bermejo, Lilly: Lily has a Bachelors in Ecological Restoration and a Masters in Environmental Management, and has been in the environmental protection profession since 2008. She worked for the Arizona Department of Environmental Quality in Waste Programs, and was involved in inspections and compliance, and providing outreach to citizens. She currently works for the Salt River Pima-Maricopa Indian Community as the Brownfields Program Manager, overseeing clean-up of contaminated land, outreach, and grants management.

Berrios, Lisa: Lisa Berrios began a one-year detail in January 2018 as the Acting Deputy Director of EPA's American Indian Environmental Office. Ms. Berrios is the Regional Indian Coordinator in EPA Region 4, based in Atlanta.

Britt, Joy: Joy has dedicated her career to Public Health in service to rural and native populations for the past six years. She is currently the Tribal Response Program Manager at ANTHC, the largest native-owned health consortium in the US, and the Director for the annual Alaska Tribal Conference on Environmental Management. Joy enjoys learning about new cultures, enjoying the great outdoors, and sampling worldly cuisines.



Brow, Heidi: 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 programing, and a variety of different water-conservation implementation programs. 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.

Cable, Sean: Sean Cable is the Solid Waste Technician for the Comanche Nation Office of Environmental Programs. Sean helps run the Solid Waste Division and Recycle Division for the CNOEP. Sean attended Arizona State University and received his Bachelors in American Indian Studies.

Chamberlain, Dr. Eliodora : Dr. Chamberlain currently works for EPA Region 7 in the Watershed Planning Implementation Branch/Watershed, Wetlands and Streams Protection Section as a Life Scientist working with the states and tribes on wetland program capacity building, wetland monitoring and assessment, and CWA 404 Regulatory. She graduated with a B.S. in Zoology from the University of California, Davis. She received her M.S. and Ph.D. in Wildlife Behavior and Physiological Ecology from the University of Missouri-Columbia in the Department of Fisheries and Wildlife Sciences and the USGS Fish and Wildlife Cooperative Research Extension Unit. She has worked for the US Fish and Wildlife Service and the U.S. Department of Agriculture's Forest Service in California, Michigan, Minnesota, and Wisconsin. After working 17 years in the field and research, she started working for the US EPA Region 7 in 2005. When she is not working for the EPA, she is a Canine Search Specialist with FEMA's Missouri Task Force I Urban Search and Rescue Canine Team, a FEMA K9 Evaluator, and a FEMA K9 Instructor. She trains her certified dogs, Phoenix and Gunner, and is in a constant state remodel with her 1955 mid-century modern home.

Cheruvellil, Jubin: Behavioral Ecologist who sees to understand the role of risk and uncertainty in food and health systems.

Christensen, Eileen: Eileen Christensen is the President, Principal Scientist, and founder of BEC Environmental, Inc. She has over 20 years of experience in environmental consulting, during which she had the opportunity to work on international projects in South Asia, Sub-Saharan Africa, and Europe. When she returned to the U.S. in 1999, she dedicated her career to

exploring the nexus between brownfields, infrastructure, clean energy, water quantity and quality, and socio-economics.

Clifford, Wayne: Wayne currently manages the Zoonotic Disease Program for the Washington State Department of Health. He has a B.S in Environmental Science from The Evergreen State College. He has 28 years of experience in Environmental Public Health at the state and local level. The majority of his career has involved designing and carrying out environmental sampling programs. He hikes, hunts, and fishes. He lives in Littlerock, Washington with his wife and cat Indi.

Cooke, Mary: Mary Cooke is a physical scientist in the Federal Facilities Restoration and Reuse Office (FFRRO) of EPA's Office of Land and Emergency Management. Mary has been working with FFRRO since October 2006 and has been the Subject Matter Expert for emerging contaminants (such as PFAS), NPL/Site Assessment and Base Realignment and Closure (BRAC). She joined the federal government in 1998 as an NPL and BRAC remedial project manager for EPA Region III in Philadelphia. She holds a Bachelor's degree in Earth Science with minor in Geography and Marine Science from Pennsylvania State University, and a Master's degree in Environmental Pollution Control, also from Penn State.

Corey, Fred: Fred 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.

Dayrit, Ignacio: Ignacio directs the Center for Creative Land Recycling's (CCLR) technical assistance program for redevelopment projects. Ignacio is a redevelopment expert having spent 20 years with the City of Emeryville's Redevelopment Agency, where he was responsible for the city's Brownfield Program and was instrumental in the City's redevelopment of hundreds of acres of blighted property. For CCLR, he has assisted states, cities and tribes obtain more than \$30M 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.



Diefendorf, Sarah: Sarah Diefendorf is the Executive Director of the Environmental Finance Center West, a program housed at Earth Island Institute in Berkeley, California. She has founded and managed numerous nonprofit organizations throughout her career and has specialized in building business, financial, communications and leadership capacity in the US and abroad. For the past three years Sarah has worked as a national trainer for USEPA and has delivered Leadership Through Communications workshops for small water systems for small and rural communities and Tribes throughout the United States. Sarah also has over ten years of experience working with multiple Tribes in California, Nevada, Arizona and New Mexico to support efforts to develop greener economies and self-sufficiency through recycling programs, transfer stations, compost operations, ecotourism and alternative energy. Sarah is an Expert Witness for the USEPA National Environmental Finance Advisory Board, serves on the Board of the California League of Women Voters, is the immediate past chair of the Carbon Cycle Institute and holds a BA in International Relations from San Francisco State University and an MS in Environmental Geography from Cambridge University.

Du Bey, Richard: Mr. Du Bey is chair of the Tribal Government Practice Group at Ogden Murphy Wallace PLLC in Seattle WA. He has represented Tribes in environmental and natural resource matters for 38 years.

Dubois, Rick: Director of Environmental Services, Seneca-Cayuga Nation. Certified Floodplain Manager with experience in GIS, Grant Writing/Administration and Hazard Mitigation Planning. BS in Recording Industry Management with Emphasis in Audio Engineering from Middle Tennessee State University; Minor in Electronics.

Dufficy, Craig: Craig Dufficy is the lead Environmental Engineer on the landfill development for the United States Environmental Protection Agency. He has been with the Agency for more than 15 years and is responsible for developing new Federal regulations on the design and operation of convention and bioreactor landfills in the United States. He oversees the development of training classes for landfill operators through non-profit organizations and has served on technical advisory panels relating to landfill design, construction, operation, and closure technologies. Mr. Dufficy is the chairperson of EPA's bioreactor landfill work group that is currently reviewing experimental bioreactor landfill results for future regulation revisions. He has been a team member for the National research Council of the National Academies on the Assessment of the Performance of Engineered Waste Containment Barriers and a panel member for technical guidelines for the Interstate Technology & Regulatory Council.

Eichstaedt, Rick: Rick Eichstaedt serves as the policy analyst for the EPA Region 10 Tribal Operations Committee advising the tribal caucus on environmental matters related to EPA's environmental programs. Rick also serves as an attorney for the Wheat Law Offices representing the Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians and Spokane Tribe on a wide range of matters. Rick also serves as the director of Gonzaga University School of Law's environmental law and land use clinic. He started his legal career as a Staff Attorney for the Nez Perce Tribe where he worked on a wide variety of environmental, natural resource, cultural resource, and treaty-rights protection cases. Rick is licensed to practice law in Oregon, Washington, and Idaho, as well as federal courts in all three states, the Ninth Circuit Court of Appeals, and the U.S. Supreme Court. Rick has published articles on environmental and natural resources in various journals and legal publications, including articles on the exercise of the implementation of Clean Air Act rules in Indian Country and Federal Energy Regulation Commission dam relicensing proceedings.

Fluharty, Suzanne M: Suzanne M. Fluharty has been an active member of the National Tribal Toxics Council since 2014. Suzanne is the manager for the Community and Ecosystem Health Division of the Yurok Tribe Environmental Program. She served as Principal Investigator and Co-Principal Investigator and Project Field manager for two EPA National Center for Environmental Research Science to Achieve Results (STARS) Grants between 2009-2014. These grants studied Climate Change Impacts to Yurok Resources and Environmental and Psycho-social Stressors to Lifeways of Pohlik-lah and Ner-er-ner, members of the Yurok Tribe. She has co-authored papers on tribal subsistence, botanical education applications for TEK, Native American estuarine resources, and cultural information informing resource planning. Suzanne 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 American Tribes whose ancestral territories include the coastal regions of the Pacific Northwest.

Fry, Kristy: Kristy is a Tribal Coordinator in EPA's Region 10, she has been working with tribes to develop baseline environmental programs with an emphasis on sustainable materials management for the past six years. She has served as the regional lead on the sustainable management of food and is pas-



sionate about working with tribes to look for triple bottom line solutions to waste issues.

Garcia, Jose: José García joined Region 9's Brownfields Program in 2013 and has worked at EPA since 2006. He is the team lead for grants in Arizona and is the Tribal lead for the Program. Prior to joining the program he worked for the US-Mexico Border Program and as a Community Involvement Coordinator in the Superfund Program. During his spare time he likes undertaking home improvement projects and wrangling his two young boys.

Geyer, Rebecca: Becky has been with EPA for over 10 years. She started her career in Region 5 working on technical solid waste and emergency response issues with tribes and states, focusing on disaster debris. Last May, she transferred to Region 8's Emergency Response Preparedness unit and is currently the preparedness tribal coordinator. Becky holds a B.S. in Biology from Denison University.

Gossel, Arndt: Arndt Gossel is currently an ORISE participant at the USEPA working on HAWQS development, water quality modeling, and geospatial data management. He has his MS in Biological Engineering from University of Missouri.

Grant, Jill: 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 remediation at Superfund sites and various 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 she has worked in other private practice settings. Ms. Grant earned her BA from Yale College and her JD from Harvard Law School.

Grijalva, James: 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 CLOSING THE CIRCLE: ENVIRONMENTAL JUSTICE IN INDIAN COUNTRY. He has served as a technical services con-

tractor 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.

Ground, Jody: Chokecherry Consulting LLC is an environmental company working with tribes across the US to provide comprehensive training and service to tribes dealing with environmental issues, including Meth-Heroin remediation, meth awareness-remediation, air quality, water quality, mold, asbestos, EPA issues, Housing environmental issues. Our background is environmentally focused, and we have worked with Tribes, Federal, State agencies, and the Private Sector in several different Administrative rolls. We are a leader in Meth related issues in Indian country and are working to provide quality programming for tribes.

Hartnett, Mickey: Mickey Hartnett is a Kansas State University Tribal Technical Assistance to Brownfields (KSU-Tribal TAB) team member 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.

Hauff, Amanda: 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 lifeway exposure scenarios to be considered for the Agency's risk assessment processes; and 2) acting to reduce childhood lead exposures in Indian country.

Hingst, Page: Page Hingst is the Brownfields 128(a) Tribal Response Coordinator for the Santee Sioux Nation of Nebraska. She has worked in her capacity for 3 years and for the Santee for 1 year. Mrs. Hingst is responsible for brownfields, UST's, solid and hazardous waste and emergency response.



She is a member of the Region 7 LEPC Planning Committee and Program Subcommittee, Region 7 TRP Workgroup, RTOC alternate rep, Tribal Science Council Region 7 alternate, 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.

Hood, Timonie: Timonie Hood works for EPA Region 9 as a Zero Waste and Green Building Coordinator. For the past 7 years, she has worked with and learned from tribal leaders and communities developing tribal green building codes, building projects, and green manufactured housing procurements. She co-led the development of EPA's Tribal Green Building Toolkit and Green Building Tools for Tribes website.

Howard, Mark: Mark Howard is an Environmental Scientist with the Headquarters Office of the United States Environmental Protection Agency's Office of Emergency Management (OEM), Regulation Implementation Division in Washington D.C. He is the Spill Prevention Control and Countermeasure (SPCC) Technical Team Leader and national project manager for the Inspector's Training Program, the Oil Program Technical Guidance Workgroup, the Upstream (production) and Technical Workgroup. He is also the lead technical member of the SPCC rulemaking workgroup and is a principal author of the SPCC rule (40 CFR part 112). Mr. Howard served as the OEM lead for reviewing the Keystone Pipeline Environmental Impact Statement (EIS) and Agency Hydraulic Fracturing Study. Mr. Howard also was consulted by the National Academy of Sciences on their diluted bitumen paper. EPA has awarded Mr. Howard with several bronze and a silver medal. Prior to his Federal service he worked ten years as a State responder and AST inspector with the Commonwealth of Virginia's Department of Environmental Quality. Mr. Howard holds a Master of Science Degree in Biology (Specializing in Environmental Science and Policy) from George Mason University. He holds Virginia Emergency Services certifications as a Hazardous Materials Specialist and Incident Manager. He is most proud of his wife Christine and daughter Hope.

Hundt, Stephen: Stephen Hundt is currently working as a Hydrologist with the USGS Idaho Water Science Center. He obtained extensive experience working as a groundwater modeler in the state of California before coming to the USGS. He obtained his M.S from the University of Arizona's Department of Hydrology and Water Resources and a B.S. in Economics from University of California, Berkeley.

Hurst, Don: Don has worked for the Environmental Trust Department, Colville Confederated Tribes. Environmental consultant 1984-2004; CCT Response Program manager 2004-present. Mr. Hurst works and resides on Colville Reservation in north central Washington state. BS, MS Geology, University of Wyoming.

Ip, Angel: Angel Ip is a Tribal Waste Coordinator at EPA Region 10. She is part of EPA Region 10's Tribal Waste team, serving 271 federally recognized Tribes in Alaska, Idaho, Oregon, and Washington on addressing solid and hazardous waste issues. Angel is the program lead for solid and hazardous waste tools, trainings, technical assistance, data, research, coordination, and work on crosscutting topics, including addressing health impacts of waste in rural Alaska. She has prior experience at EPA and in research on children's health and public health impacts from climate change. Angel has also worked in multicultural environmental education and outreach, including work in facilitating discussions with teens on social and environmental justice issues, fostering youth led-projects, and bridging access to the arts and the outdoors. She continues to volunteer her time with local environmental justice organizations in Seattle. Angel earned graduate degrees from the University of Washington in Exposure Science and Public Administration.

Jacobs, Julie: Julie has been the Brownfields Redevelopment Specialist for the Saint Regis Mohawk Tribe Environment Division since 2015. Before becoming the Brownfields Redevelopment Specialist, she was the Outreach Coordinator for the SRMT Environment Division beginning in 2009, working with programs such as air quality, water quality and fish advisory, Brownfields, pesticides, climate change and solid waste. She is a retired teacher and elementary school principal, who holds degrees from SUNY Canton; a BA and Masters in Education from SUNY Potsdam; and a BA in History, Masters in Administration, and NYS Certification in Administration from St. Lawrence University. Recently completed Phase I and Phase II environmental assessments on local Brownfields sites.

Jacobson, Ted: Solid Waste Tribal Liaison; 30 years in the waste industry the last 12 assisting tribes with solid and hazardous waste management, also a presenter and trainer for best management practices. Helped to develop the RALO and RALA (Rural Alaska Landfill Operator/Administrator) Training's and developed the OHEL (Operating Heavy Equipment Landfill) Training. I love this work!

Johnson, Adam: Adam is a former environmental sciences faculty member at Salish Kootenai College (SKC). During his time at SKC, Adam worked with tribal elders, cultural leaders, educators, and others to develop a culturally-responsive geo-



sciences curriculum that focuses on important Flathead Reservation places and landscapes. He has also worked for the U.S. Geological Survey, the National Park Service, and the U.S. Forest Service. 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.

Judd, Shannon: Shannon Judd has worked as the Environmental Education and Outreach Coordinator (EEOC) for the Fond du Lac Band of Lake Superior Chippewa since 2007. As EEOC, she conducts projects and community outreach on natural resources, local foods, climate, waste reduction and recycling, renewable energy and other environmental issues.

Junker, Mark: Mark Junker has been the Tribal Response Coordinator for the Sac and Fox Nation of Missouri in Kansas and Nebraska since 2014. He holds a masters in curriculum with BA in History and Social Science from Peru State College. As a TRP he created both the Sac and Fox Emergency Response and Multi Hazard Mitigation Plan. Mark also serves on the Tribal Infrastructure Task (ITF) addressing barriers to sustainable solid waste programs, participates in the Tribal Superfund Working Group (TSFWG) and the Interstate Technology Regulatory Council (ITRC) as a member of the Advanced Site Characterization Tools team. He joined the TWAR steering committee in November of 2017. In his spare time he enjoys hunting mushrooms, camping, hiking and traveling.

Kaps, Melissa: Melissa Kaps began working in the USEPA's Office of Resource Conservation and Recovery in 2007. As a member of ORCR's Homeland Security Team, she provides support in the identification and characterization of waste generated from homeland security incidents and the management of that waste. Recently, her focus has been on promoting waste management-related planning and preparation for disasters, particularly natural disasters. Melissa graduated from Boston University in 2001, where she received a degree in Political Science with a minor in Environmental Analysis and Policy. In 2004, Melissa earned a law degree from The George Washington University Law School.

Katonica-Mule, Kim: Kim Katonica-Mule' is a Geologist with the United State Environmental Protection Agency, Office of Resource Conservation and Recovery (ORCR). Since 2006, she has been a member of the ORCR Tribal Waste Management Program Team which focuses on solid and hazardous waste management issues. Kim holds a Bachelor of Science in Geology from Syracuse University.

Kent, Tim: Mr. Kent is a Professional Geologist and has over 15 years working with the Quapaw Tribe as their Environmental Director and Remedial Project Manager on the Tar Creek Superfund Site.

King, Summer: Ms. King is the Environmental Scientist and provides essential quality control, sampling and analysis duties to the Tar Creek Superfund Site Remedial Action activities for the Quapaw Tribe. Summer has been with the Quapaw Tribe for two years, and has more than 15 years experience in the tribal environmental field.

Kissinger, Lon: Lon worked with the Washington State Department of Ecology from 1990 to 2001. There he worked on implementation of Washington State's Superfund regulation, air toxics regulations and risk assessments; regulation of contaminated sediment sites; and revision of Washington's sediment management standards. In 2001, Lon joined EPA Region 10's Office of Environmental Review and Assessment as a human health risk assessor. His focus has been on the human health risks posed by consumption of contaminants in fish, particularly for high fish consuming populations, such as Native Americans. Lon provides technical support for regional Superfund cleanup and water quality criteria efforts. Lon has also consulted with Washington and Alaska health departments in developing State fish consumption advisories. Recent work has included technical support of current and historic fish consumption surveys for Tribes in Idaho, water quality criteria development in Alaska, Idaho, and Washington, and review of EPA's revised national guidance on conducting fish and wildlife surveys.

Kloeckner, Jane: Jane Kloeckner is a Senior Assistant Regional Counsel for the US Environmental Protection Agency, Region 7 in Kansas City. In addition, Ms. Kloeckner teaches graduate students in environmental law, justice and indigenous studies at Kansas University, Adjunct Professor. She taught Environmental Law for 8 years as an Adjunct Professor of Law at the Kansas City School of Law, University of Missouri. She also taught Environment and Climate Change Law at University of Kansas Law School. At EPA Region 7, Jane serves as Senior Assistant Regional Counsel providing leadership and consultation for attorneys and clients in several practice areas including Federal Indian Law, Environmental Justice, Climate Change, National Environmental Policy Act, National Historic Preservation Act, Clean Water Act, Superfund and other statutes. She has received EPA honor awards including gold, silver and four bronze medals for service at Superfund Sites, children's health initiatives, and her work with Tribes. In addition, she has written and published numerous law review articles on Environmental and Federal Indian Law. Prior to coming to EPA, she was a practicing civil engineer in St. Louis. She received a Bachelor of Science degree in civil engineer-



ing from the University of Missouri Science & Technology, Juris Doctorate from St. Louis University School of Law and Masters of Law, LLM in Urban Law at the Kansas City School of Law, University of Missouri.

Kwok, Rose: Rose Kwok is an Environmental Scientist in the U.S. Environmental Protection Agency's Office of Water in Washington, D.C. Her primary focus is on Clean Water Act jurisdiction, including scientific support, GIS mapping, tribal consultation and engagement, and analytical support tools. She has a B.A. from Cornell University and a Master of Environmental Management from Duke University.

Laija, Emerald: Emerald Laija is an Environmental Scientist who assists in government cleanups of hazardous waste sites through the EPA Federal Facility Restoration and Reuse Office in Washington, DC. Her position includes implementing national policy, promoting consistency in cleanups, developing training materials, and developing relationships with other federal agencies and stakeholders. Before working DC, Emerald worked as a Remedial Project Manager for 8 years in EPA's Hanford Project Office in Richland, WA. She earned a Master's Degree focused in Environmental Studies from University of Nevada-Las Vegas and a Bachelor's Degree from the University of Texas at El Paso.

Luscombe, Emily: Emily Luscombe is the Environmental Director at Coyote Valley Band of Pomo Indians in Redwood Valley, CA. She graduated from Connecticut College with a BA in Environmental Studies and Anthropology and Flinders University of South Australia with a Masters in Environmental Management. Emily has worked in a variety of environmental media and is currently focusing much of her attention of the River bank stabilization and restoration project. This has led to exploration on restoration options and funding. Complex permitting processes have been navigated on this cross jurisdictional large scale restoration project.

MacCourt, Douglas: Mr. MacCourt has nearly 30 years of experience representing Native American tribes, tribal businesses and enterprises, Alaska Native Corporations, local governments and industry on all areas of environmental, energy and economic development activities on and off tribal lands across the United States. Doug has a national practice in environmental permitting, compliance and cleanup including Oregon water and land use laws, CERCLA and RCRA investigations, NEPA, Clean Water Act, Clean Air Act, Historic Preservation Act and other federal, state and tribal laws.

McCartney, Terri: Terri McCartney serves as the Environmental Director for the Hopland Band of Pomo Indians, where

she assists in implementing an array of environmental programs.

McLain, Jennifer: Jennifer McLain has 20 years of experience as a risk manager at the Environmental Protection Agency both in the Office of Water and in the Office of Pesticide Programs. She is currently the Acting Deputy Office Director of the Office of Ground Water and Drinking Water. Most recently, she led the assessment and registration of antimicrobial pesticides, including disinfectants. During her previous stint in the Office of Ground Water and Drinking Water, Jennifer led the development of national drinking water regulations for microbial pathogens, disinfectants and disinfection byproducts. Jennifer joined EPA after earning a Bachelor of Science degree from the University of Notre Dame and a Ph.D. in Chemistry from Princeton University.

McMonagle, Rick: Rick McMonagle is the Region 10 SEE/ Tribal Solid Waste Liaison . Rick works with tribes within Idaho, Oregon, and Washington to provide technical assistance and training on all facets of sustainable solid and hazardous waste management. He directly supports tribes with individual waste management concerns, provides information on resources, and assists with program development.

Mitchell, Tyrone (Earl): As an staff member for the Hopland Band of Pomo Indians tribal environmental office, Earl implements a full range of environmental responsibilities. He is developing in-house expertise and training tribal staff and members on sustainable tribal environmental practices including deconstruction, materials salvage, and mid-scale community composting.

Moore, Joanne: Joanne Moore has been the EPA R10 Tribal Coordinator for ten years and at the agency for 25 years. She serves as the R10 Tribal Representative for Brownfields, Site Assessment, CERCLA/Superfund and Emergency Management programs.

Muela, Stephen: Stephen Muela is currently an ORISE participant at the USEPA working on environmental assessments and hydrologic modelling projects. He has his MS in Water Management and Hydrologic Science (WMHS) from Texas A&M University.

Naha, Cynthia: Cynthia Naha is the Director of Natural Resources Department for the Santo Domingo Tribe and is an enrolled member of the Hopi Tribe and is Tewa and Iank-towan Dakota Oyate (Yankton Sioux). She has been involved in Tribal Environmental Programs since 2005 when she started working for the Inter Tribal Council of Arizona, Inc. (ITCA). Since that time, Cynthia has worked in various fields, including but not limited to: solid waste, recycling, Brownfields, emergency response and preparedness, water quality, climate



change, Unexploded Ordinances (UXO) and more. She has worked with a number of Tribes since leaving ITCA in 2008, including the Salt River Pima Maricopa Indian Community, Lone Pine Paiute Shoshone Reservation and a number of Pomo Indian Tribes in Northern California. Throughout the past 15 years, Cynthia has worked to build Tribal environmental capacity and seeks to ensure that the communities she works with and for, maintain a balance between environmental protection and public health and safety. She enjoys establishing partnerships with neighboring Tribes, Pueblos, Federal and State agencies and holds the Tribal Government seat on the New Mexico Recycling and Illegal Dumping Alliance (NM RAID) and is a Tribal Waste Response Advisory Program Steering Committee member, serving out her last term. Cynthia is a graduate of Arizona State University, where she obtained her BS in American Indian Studies. Since graduating from college in 2003, Cynthia has vowed to always work with and for Tribal Governments/Organizations in the area of environmental protection.

Nelson, Mansel: For twenty years Mansel A. Nelson, Project Director for Environmental Education, has served with the Institute for Tribal Environmental Professionals hosted at Northern Arizona University. Prior to his service with Northern Arizona University, Mansel taught community based chemistry on the Navajo Nation. Mansel helps tribal staff with environmental education leading to action.

Nichols, Nick: Born in Baltimore Maryland, Nick has been with EPA for 21 years. He is the Environmental Justice and Tribal Coordinator for the Office of Emergency Management. Nichols leads OEM tribal consultations and outreach efforts. Most of his EPA experience is with oil spill response techniques. He has worked on the BP Spill response and has served as a Community Involvement Coordinator during the Hurricane Maria response in Puerto Rico. Nick has worked on other persistent human health issues such as lead poisoning and water pollution prevention and detection. Nick's passions include helping tribes and overburdened communities to assess and mitigate their environmental hazards, riding on two wheels, and enjoying life with his teenage son.

Nguyen, Linda: Linda Nguyen serves as the Environmental Director for the Red Cliff Band of Lake Superior Chippewa as of June 2016. She has a degree in Natural Resources Management and Native American Studies from Northland College. Prior to the directorship role, she served as the Red Cliff Water Resources Program Manager from 2012-2016. As the Environmental Director, her main duties include: supporting the development and oversight of core environmental programs, developing proposals for environmental grants, and fostering compliance with federal environmental statutes by developing

and managing appropriate tribal programs, tribal ordinances and permits, and solid/hazardous waste disposal services.

Nurre, Deirdre: Deirdre Nurre is a Tribal Materials Management Specialist for EPA Region 9. She has worked in EPA's Superfund, Brownfields, RCRA, and UST programs. She has also worked for the Executive Office of Management and Budget, the Defense Base Closure Commission, the James Irvine Foundation and the City of New York. She earned a BA at the University of California Riverside and a Master of Public Policy at Princeton University.

O'Keefe, Susan: Susan O'Keefe is a Senior Counsel in U.S. EPA's Office of Civil Enforcement, where she advises EPA senior managers and staff on the legal and policy issues involved in addressing noncompliance in Indian country. In this capacity, she advises Regions on tribal consultation in the context of addressing noncompliance at tribal facilities, the steps to be taken to work cooperatively with tribal governments to return tribal facilities to compliance, and when it may be appropriate to pursue enforcement for the protection of human health and the environment. Currently, Susan is leading a workgroup to develop an expedited approach to resolving violations at underground storage tanks (USTs) at tribal UST facilities. Prior to serving in this role, Susan managed the civil enforcement division responsible for developing and overseeing EPA's implementation of cross-media enforcement policies, including EPA's Audit Policy and the Supplemental Environmental Projects Policy. In addition, Susan served as Deputy Director of the enforcement policy office and the Director of the RCRA Enforcement Division. Susan is a 1980 graduate of George Washington University's National Law Center, and a member of the bars of the District of Columbia and the Commonwealth of Pennsylvania.

Overmeyer, Patricia: Patricia Overmeyer is the Acting Deputy Director of the U.S. Environmental Protection Agency's Office of Brownfields and Land Revitalization (OBLR). Ms. Overmeyer has worked in U.S. EPA's Brownfields Program since January of 2002 and was instrumental in developing the program's core policies and priorities since its inception. Previously, Ms. Overmeyer served as OBLR's Team Leader for the Brownfields Policy, Research and Outreach Team, which coordinates brownfields and land revitalization research, partnerships, policy development and communications. Ms. Overmeyer coordinates EPA's biannual National Brownfields Training Conference. Ms. Overmeyer is responsible for overseeing the implementation of EPA's regulations governing required standards and practices for conducting environmental site assessments or "All Appropriate Inquiries," under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). She coordinated the development of the regulation that establishes standards



and practices for conducting all appropriate inquiries and served as EPA's Designated Federal Official for the Agency's Federal Advisory Committee that was tasked with developing the proposed regulation on all appropriate inquiries. Prior to her tenure with OBLR, Ms. Overmeyer worked in U.S. EPA's Hazardous Waste Identification division where she was responsible for the development of regulations under the Resource Conservation and Recovery Act. Ms. Overmeyer earned her M.S. from Carnegie-Mellon's School of Urban and Public Affairs and has a B.A. in economics from Indiana University of Pennsylvania.

Pearson, Janice: Born and raised in Flint, Michigan, Janice has a B.S in Engineering and over 25 years' experience at EPA in corrective action at Leaking Underground Storage Tank Sites, RCRA Corrective Action Sites and Superfund Sites. She has 15 years of UST compliance and LUST remediation experience, 11 years in RCRA hazardous waste compliance and remediation and 2 years as a Superfund Remedial Program Manager. Janice Pearson is the Unit Chief for the Underground Storage Tank, Solid Waste and PCB Program for the United States Environmental Protection Agency in Region 8, Denver, Colorado.

Peers, Jennifer: Ms. Peers is a physical geographer with over 17 years of experience researching environmental impacts of contamination and climate change. Her work focuses on industrial contamination, impacts of mining and oil and gas production, aquatic and terrestrial toxicity, ecological services, restoration planning, ecological and human health impacts of climate change, and tribal natural resources.

Raia, Tony: Tony Raia has served as the Director of the U.S. EPA Office of Underground Storage Tank's (OUST) Release Prevention Division since January 2017. The Division is primarily responsible for implementing the 2015 Federal UST and State Program Approval regulations. This includes providing technical assistance, developing regulatory compliance assistance tools and resources, as well as disseminating national guidance. Tony started his career at EPA in 1998 working in various capacities in several programs including OECA, Brownfields, RCRA Corrective Action, and in the congressional & intergovernmental affairs department. Prior to EPA Tony served as an Officer in the U.S. Army. He has a Bachelor of Science Degree from the U.S. Military Academy at West Point, and a Master's Degree in Public Administration from New York University.

Rau, Rob: Born in St. Paul Minnesota and reared in White Plains New York, Rob has a Master's of Science in Geology and over 20 years of experience conducting contaminated site assessments and cleanups. Rob has been with the Indian Lands tanks program in EPA Region 10 since 2006.

Ridolfi, Bruno: Bruno is an environmental program manager with 40 years of experience in environmental and civil engineering, mining and construction, environmental cleanup and restoration, and policy and regulatory development. His projects include developing codes, standards, and regulations for environmental protection; developing integrated waste management programs for tribal communities in Alaska and Washington; providing technical project leadership for investigation, cleanup, restoration, and mitigation of impacts at former military and industrial sites; and crafting workable solutions for environmental remediation, mine reclamation, and waste management for tribal communities.

Ritter, Kaylene: Dr. Kaylene Ritter is an environmental scientist with more than 12 years of experience working with tribes on Superfund Remedial Investigation/Feasibility Study (RI/FS), Natural Resource Damage Assessment (NRDA), and other environmental issues at sites across the country. She has assisted tribes in assessing the environmental, health and cultural impacts of contamination at sites in the Northwest, Midwest, Central Plains, Southwest and Northeastern US. Her work ranges from assisting tribes with analyzing biological, physical and chemical data to assess impacts of contaminants to natural resources and to human health; to assessing tribal cultural and service losses associated with contamination, including impacts to hunting, fishing, gathering and traditional knowledge-transfer. In her other work, Dr. Ritter also supports tribes with evaluating the impacts of climate change and with adaptation planning. Dr. Ritter has a BS in Earth Sciences, an MS in Hydrogeology and a PhD in Geochemistry.

Roose, Rebecca: Rebecca is the Senior Advisor for the Tribal Capacity Development Team in the American Indian Environmental Office (AIEO) at US EPA Headquarters. Her work includes administering the Indian Environmental General Assistance Program (GAP) and supporting the development and implementation of EPA-Tribal Environmental Plans across all EPA regions. Prior to joining AIEO early in 2017, Rebecca spent 11 years working on Clean Water Act and Safe Drinking Water Act program development and implementation in EPA's Office of Enforcement and Compliance Assurance and the Office of Water. Rebecca earned her law degree from the University of New Mexico and her bachelor's degree in Geography, with a concentration in American Indian Studies, from Valparaiso University in Northwest Indiana. While studying at Valparaiso University, Rebecca spent a summer on the Menominee Indian Reservation as an intern providing support for the Tribal Legislature.

Roy, Rob: Rob Roy is the Environmental Director for the La Jolla Band of Luiseno Indians and has been employed by the



Tribe for over 16 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.

Schuldt, Nancy: 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.

Shannon, Anahma: Anahma Shannon is the Environmental Program Director for Nome, Alaska's Native non-profit, Kaverak, Inc. She has been part of a statewide group called the Solid Waste Alaska Taskforce since 2014 and has helped to develop the Backhaul Alaska Program

Shuman, Ben: Ben Shuman is a Senior Engineer in the Division of Sanitation Facilities Construction at the Headquarters of the Indian Health Service, where he has been since June 2017. Ben obtained his BS in Environmental Resources Engineering at Humboldt State University in Arcata, California and his MS in Engineering and Environmental Management from the Air Force Institute of Technology at Wright-Patterson Air

Force Base, Ohio. He has 24 years of Federal service including 19 years with Rural Development at the US Department of Agriculture. Ben is a licensed Professional Engineer in Maryland and is a certified Project Management Professional.

Snitgen, Jim: Jim received both his Bachelors in Biology and Masters in Aquatic Biology from Northern Michigan University. He has worked in the field of aquatic biology for 26 years as a consultant conducting fisheries research, a taxonomist identifying benthos from the Great Lakes and from streams across the country for the U.S. EPA. He was a regulatory biologist for the state of Florida and a researcher at the Lake Superior Research Institute. Jim has been with the Oneida Environmental, Health and Safety Division since 1999. He has published numerous peer reviewed publications in the area of aquatic macro-invertebrate community analysis and ecology, as well as presenting nationally on the comprehensive monitoring of restoration projects using biological indicators. Jim has successfully implemented nine stream restoration projects in the Green Bay watershed, including the removal of the Duck Creek Dams, the restoration and reintroduction of brook trout to Trout Creek, and the restoration of fish passage to Lancaster Brook. He takes advantage of the rewarding opportunity to both continue research but also implement restoration projects and interact with the community via outreach activities.

Soscia, Mary Lou: Mary Lou is the Columbia River Coordinator for the U.S. EPA Region 10 Office of Water and Watersheds. Mary Lou leads the Columbia River Toxics Reduction Strategy, the Columbia River Toxics Reduction Working Group, and the implementation of the 2010 Columbia River Basin Toxics Reduction Action Plan. She also led the collaboration for the Oregon Water Quality Standards human health criteria. Since 2013, Mary Lou has led the collaboration with Idaho Tribal Governments to address Idaho human health criteria revisions and develop the ID Tribal Fish Consumption Survey. Mary Lou is also the EPA workgroup manager for the Tribal Baseline Water Quality Standards work effort to promulgate federal water quality standards for tribal reservations without EPA approved standards.

Staniec, Carol: Carol has over thirty five years of experience with both State and Federal regulatory agencies. Has worked in all water programs, bio solids management, monitoring and inspections, multimedia programs, and currently works in RCRA, with renewable energy and waste diversion as a focus. Carol has worked with the native Indian tribes, on a number of different programs, including groundwater monitoring of old landfills, and waste audits at the reservation and the casinos.



Carol continues to work on national guidance involving anaerobic digestion and food reduction.

Stout, Sherry: Sherry is an engineer in the Integrated Applications Center at NREL. Much of Sherry's work at NREL focuses on energy development with American Indian Tribes and Alaska Native Villages, including energy and resilience planning, resource assessment, microgrid assessment, and energy development for economic development. Sherry also works on international programs where she focuses on grid integration of distributed renewable generation, energy/water nexus issues, energy system resilience, and interconnection processes. Sherry also works on resilience issues including distributed generation and microgrids for energy system resilience and development of resilience frameworks and best practices.

Suter, Laurie: Ms. Laurie Suter's background includes environmental laboratory administration, geology, minerals exploration, oil and gas, soils analysis, and biology. As the Mineral Resources Administrator of the Natural Resources Department for the Tohono O'odham Nation, a federally recognized tribe located in southern Arizona consisting of 2.8 million acres of desert terrain, her duties include monitoring all mining related activities. Ms. Suter has been a member of NTTCC since 2016.

Swisher, Kristi: Kristi Swisher, a U.S. Army veteran, is a University of Washington graduate with a BS in Biology. Her focus was on environmentalism and public health. She is now an ORISE Fellow with the EPA, working with a team as a community engagement researcher to develop a tool for improved sustainability in small and rural populations. Her approach to community engagement intersects environmental science with social justice to ensure inclusion of under-served communities in sustainability and public health efforts.

Techlin, Troy: As the Environmental Response Program Specialist for the Saginaw Chippewa Indian Tribe of Michigan, I run the 128(a) Brownfields program. I also have 5 year of environmental consulting experience dealing with spill response, gas station clean-ups, pipeline spills and chemical facilities.

Thomas, Ben: Ben 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.

Thomas, Nick: Nick is a partner with Ogden Murphy Wallace, PLLC in Seattle WA and a member of the Tribal Government Practice Group. Nick is an experienced litigator and has

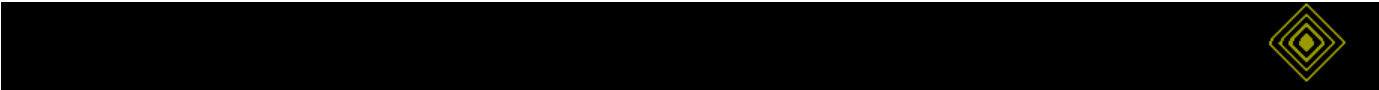
represented tribes in both administrative and judicial proceedings.

Thompson Duffy, Holly: Holly Thompson Duffy is an Environmental Protection Specialist for the Portland Area Indian Health Service. She serves the 43 federally recognized Tribes in WA, ID and OR through an Interagency Agreement with the U.S. EPA. Through this program she provides pest and pesticide risk reduction services to protect and enhance public health and the environment.

Wilson, Winona: Wenona Wilson is the acting Senior Tribal Policy Advisor for the Environmental Protection Agency, Region 10. She 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. She holds a Master's Degree in City Planning, with emphasis in community development.

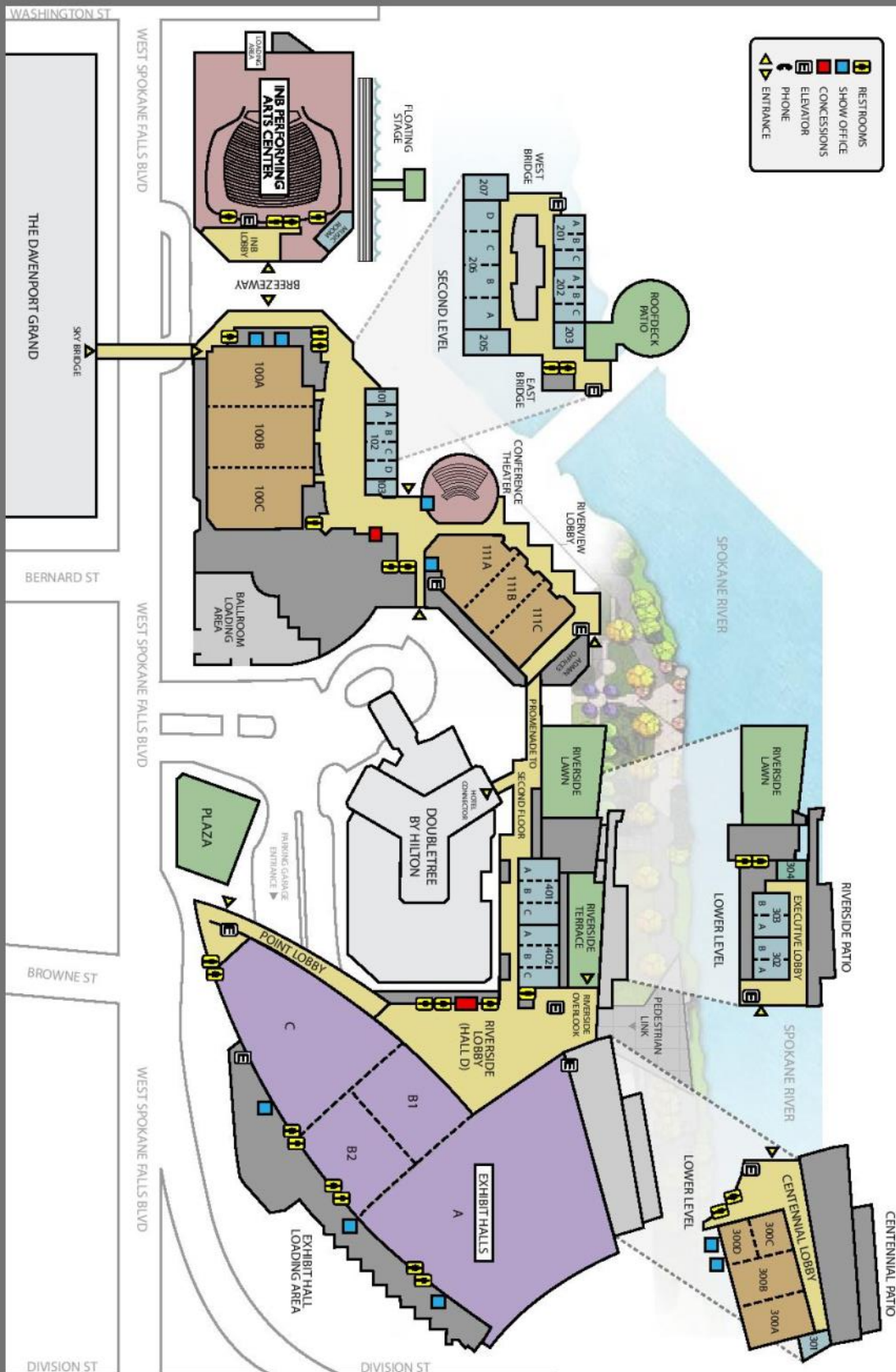
Wright, Felicia: Felicia Wright is the Acting Director of EPA's American Indian Environmental Office, in the Office of International and Tribal Affairs, where she is responsible for working with tribal governments and EPA programs and Regions to ensure protection of human health and the environment in Indian country. As Acting Director, Ms. Wright is responsible for managing EPA's largest tribal grant program, the Indian Environmental General Assistance Program (GAP), to support tribes building capacity to administer environmental programs, and ensuring EPA implementation of federal environmental laws consistent with the federal trust responsibility, the government-to-government relationship, and EPA's 1984 Indian Policy. 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.

Zender, Lynn: Dr. Lynn Zender has been working in the field of Tribal solid waste management since the mid-1990's when she conducted her Environmental Engineering doctoral work on the unique circumstances that Tribes face in carrying out environmental programs. She is the director of Zender Environmental Health and Research Group and the Rural Alaska Community Environmental Job Training Program. Proud to be a member of the Solid Waste Alaska Taskforce Executive Board, she lives in Anchorage with her family where they especially enjoy camping and hiking.



Notes

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Notes

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~Exhibit Hall B-I~

We want to give our exhibitors a very big thank you for attending this year's TLEF. The following groups and businesses will have tables set up in the Exhibit Hall B-I throughout the TLEF, and many will also participate in the Multi Media Meetup.

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- Mission Enterprises
- National Indian Carbon Coalition
- NRDAR, Dept. of Interior
- Region 10 Tribal Operations Committee
- RIDOLFI/EcoChem
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- Soaring Eagle Gallery
- Southwest Jewelry
- Spirit Dancer
- TK Authentic Gifts
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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! Thanks also goes out to the Upper Columbia River Basin Tribes for their wonderful assistance and hospitality!



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