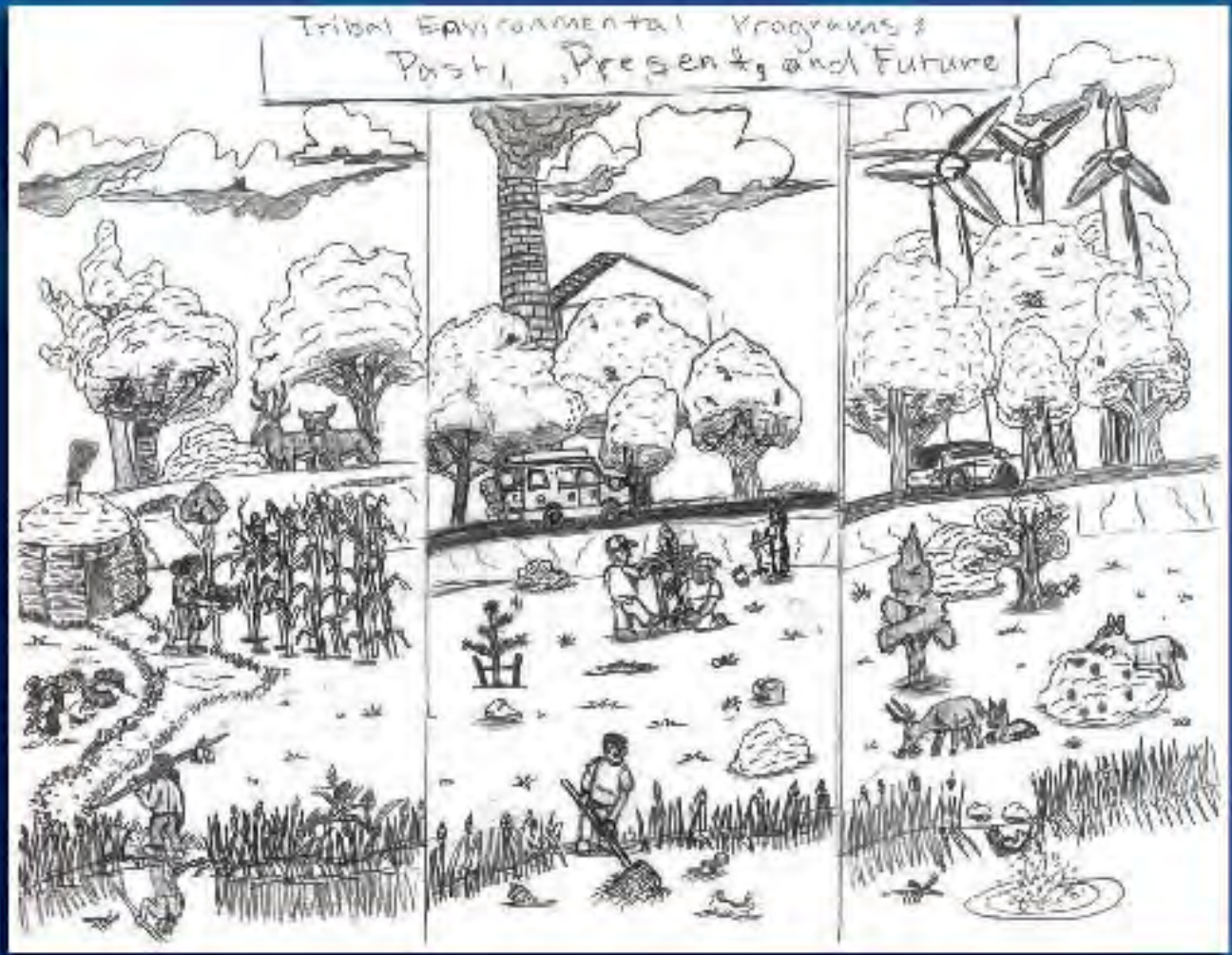


# 19TH ANNUAL REGION 9 TRIBAL EPA CONFERENCE OCTOBER 19-21, 2011



TRIBAL ENVIRONMENTAL PROGRAMS  
PAST, PRESENT & FUTURE



# 19TH ANNUAL REGION 9 TRIBAL EPA CONFERENCE OCTOBER 19-21, 2011



## PALA BAND OF MISSION INDIANS

35008 Pala Temecula Rd. PMB 50  
Pala, CA 92059

Ph: (760) 891-3500  
Fax: (760) 742-1411

October 17, 2011

Dear Tribal Leaders, Tribal Representatives, and Honored Guests,

Miyaxwa! Hello, and welcome to the 19<sup>th</sup> Annual Region IV Tribal EPA Conference. On behalf of the Pala Band of Mission Indians, I am pleased to personally welcome you all to the Pala Reservation.

This year's conference, with its theme focusing on "Tribal Environmental Programs: Past, Present, and Future" is an appropriate time for us all to reflect on the collaboration of tribal nations, the EPA, and many other local and federal agencies over the years. Tribal environmental programs have come a long way, yet there is still a long way to go. Yet, if we remember and hold close to the teachings of those who came before us, and treat the Earth and all its life with respect, we can continue to build a future of health and happiness for our children and our children's children. Working together, we can preserve, protect, and sustain the air, the water, and the land.

There are wonderful opportunities to discover new ideas during the conference, and there are many informative tours, talks, and panels available for you to choose from. Please attend as many as you can and take advantage of this unique opportunity for us all to learn from each other.

I would like to take a moment to recognize the conference planning committee who worked so hard to bring this year's event together. Also, I would like to thank all of you for your hard work and dedication to protecting the environment for the future.

Once again, welcome to Pala! Enjoy your stay on our beautiful reservation, and enjoy the conference.

Best wishes,

Robert H. Smith, Chairman  
Pala Band of Mission Indians



# 19TH ANNUAL REGION 9 TRIBAL EPA CONFERENCE OCTOBER 19-21, 2011

## WELCOME TO THE TRIBAL ENVIRONMENTAL CONFERENCE

Welcome to the Nineteenth Annual Region IX Tribal Environmental Conference. My sincere thanks to the Pala Band of Mission Indians for being the generous host of this year's conference, and also to all of the staff who have worked hard to craft an informative and interesting conference agenda.

In addition to attending conference sessions, we encourage you to see this conference as an opportunity to network with tribal leaders and environmental professionals, share best practices, and celebrate tribal environmental accomplishments.

Early in my tenure, I made a commitment to visit every Tribe in Region 9. To date, it has been my pleasure to visit many of you and to meet with Tribal leadership and discuss each Tribe's unique concerns and priorities. These visits have been very rewarding, and I look forward to visiting many more in the future.

It has been a pleasure to see firsthand and share in celebrating great accomplishments in Indian Country, and as we all know, there are still great challenges ahead of us. The only way to meet those challenges is together – I am committed to working with tribes on a government-to-government basis, and to working collaboratively with my peers at EPA and other federal agencies to address these needs in Indian Country.

Your participation at this conference is valuable, and I encourage you to take full opportunity of these days you have together with so many like-minded environmental champions. My thanks to each of you for your participation and your hard work to promote and protect Indian Country; it is a pleasure to work with and for you.

Sincerely,



Jared Blumenfeld



**19TH ANNUAL REGION 9  
TRIBAL EPA CONFERENCE  
OCTOBER 19-21, 2011**

**REGIONAL TRIBAL OPERATIONS  
COMMITTEE MEETING**

October 17-18, 2011

Agenda



## **RTOC TRIBAL CAUCUS MEETING**

Monday, October 17, 2011  
Pala Hotel Resort and Casino  
Pala, CA

- 8:00—4:00                   **Conference Registration**
- 8:00—9:00                   **Orientation for Tribes & EPA**  
Cornelius Antone, RTOC Tribal Co-Chair
- PALA EVENTS CENTER**
- 9:00—9:05                   **Opening Prayer**
- 9:05—9:20                   **Welcome/Opening Remarks and Tribal Leader Welcome**  
Robert H. Smith, Chairman, Pala Band of Mission Indians
- 9:20—9:40                   **Meeting Structure/Introductions**  
Cornelius Antone
- 9:40—10:00                  **Environmental Managers Issues Report**  
Cornelius Antone
- 10:00—10:45                 **National Tribal Operations Committee Report/Update**  
Clay Bravo (AZ), Stephen B. Etsitty (NN), Erica Helms-Schenk (CA),  
& Marie Barry (NV)
- 10:45—11:00                 **BREAK**
- 11:00—11:45                 **Tribal Guidebook Summary**  
Marta Burg
- 11:45—1:00                 **BREAK FOR LUNCH**
- 1:00—2:00                   **RTOC Strategic Plan**  
Marta Burg
- 2:00—3:00                   **Consultation Discussion**  
Marta Burg and Rod Watkins
- 3:00—3:15                   **BREAK**
- 3:15—4:15                   **Workgroup Reports/Updates**  
Conference, Solid Waste, Others
- 4:15—4:45                   **Review Action Items/Adjourn Tribal Caucus**

## **RTOC TRIBAL CAUCUS MEETING**

Tuesday, October 18, 2011  
Pala Hotel Resort and Casino  
Pala, CA

- 8:00—4:00 **Conference Registration**
- PALA EVENTS CENTER**
- 9:00—9:05 **Opening Prayer**
- 9:05—9:25 **Welcome/Opening Remarks**  
Robert H. Smith, Chairman, Pala Band of Mission Indians  
Keith Takata, Deputy Regional Administrator
- 9:25—9:40 **Introductions/Roll Call**—Cornelius Antone, RTOC Tribal Co-Chair  
July Issues Review—Lori Lewis, EPA Facilitator
- 9:40—10:00 **Tribal Caucus Report**—Cornelius Antone, RTOC Tribal Co-Chair
- 10:00—10:45 **Tribal Outreach on Pursuing Options for Rulemaking  
Regarding Waters of the United States Under the Clean Water Act**  
Damaris Christensen, Office of Wetlands, Oceans and Watersheds  
(OWOW) Office of Water; Chip Smith, Office of the Assistant Secretary  
Of the Army (Civil Works), Assistant for Environment, Tribal, and  
Regulatory Affairs, Army Corp of Engineers
- 10:45—11:00 **BREAK**
- 11:00—11:30 **National Tribal Operations Committee Report/Updates**  
Clay Bravo (AZ), Stephen B. Etsity (NN), Erica Helms-Schenk (CA),  
& Marie Barry (NV)
- 11:30—1:00 **BREAK FOR LUNCH**
- 1:00—2:00 **Office of Chemical Safety and Pollution Prevention (OCSPP)  
Tribal Strategic Plan**—Pam Cooper, EPA Region 9
- 2:00—2:30 **EPA Response to Tribal Caucus Report**—Enrique Manzanilla,  
EPA RTOC Co-Chair
- 2:30—2:45 **2012 Conference Update**—Teri Red Owl, Owens Valley Indian Water  
Commission
- 2:45—3:00 **Review New Issues/Distribute Evaluation Forms/Announce Next  
RTOC Meeting Location/Closing Comments**  
Lori Lewis, Meeting Facilitator, EPA
- 3:00 **RTOC Meeting Adjourns**
- 3:00—4:00 **TOUR OF STATE OF THE ART SEWAGE TREATMENT PLANT  
CARS MEET IN FRONT OF HOTEL  
24-PASSENGER BUS AVAILABLE FOR THOSE WITHOUT CARS**





**19TH ANNUAL REGION 9  
TRIBAL EPA CONFERENCE  
OCTOBER 19-21, 2011**

**19th ANNUAL REGION 9  
TRIBAL/EPA CONFERENCE**

**October 19-21, 2011**

**Agenda**

Co-sponsored by the Pala Band of Mission Indians  
and the U.S. Environmental Protection Agency,  
Region 9



## Wednesday, October 19, 2011

8:00 – 4:00

**PALA EVENTS CENTER**  
Registration

8:30 – 9:15

**Master of Ceremonies** – Shasta Gaughen, Director, PEPA  
**Color Guard** – Pala Veterans Organization  
**Blessing**  
**Kupa Song and Dance Group**  
**Welcoming Address** – Chairman Robert H. Smith  
**Tribal Leaders Remarks**

9:15 – 9:45

**U.S. EPA Welcoming Remarks** –  
Jared Blumenfeld, Regional Administrator, EPA Region 9

9:45 – 10:00

**BREAK**

10:00 – 11:30

**Partnership for Sustainable Communities**  
Jared Blumenfeld, Regional Administrator, EPA Region 9,  
**Moderator**  
**U.S. Department of Transportation**  
**U.S. Housing and Urban Development**  
**U.S Environmental Protection Agency, Sustainable**  
**Communities**  
**Institute for Tribal Environmental Professionals**  
**Tribal Representatives**

11:30 – 1:00

**LUNCH (On Your Own)**

11:30 – 1:00

**TRIBAL LEADERS/REGIONAL ADMINISTRATOR**  
**LUNCHEON – MAMA’S RESTAURANT**

1:00 – 2:15

**State Director Breakout Sessions**

<p style="text-align: center;"><b>Nevada Division of Environmental Protection</b></p> <p style="text-align: center;"><b>Colleen Cripps Administrator</b></p> <p style="text-align: center;"><b>SYCAMORE 2/3</b></p>	<p style="text-align: center;"><b>Arizona Department of Environmental Quality</b></p> <p style="text-align: center;"><b>Henry Darwin Director</b></p> <p style="text-align: center;"><b>SYCAMORE 4/5</b></p>	<p style="text-align: center;"><b>California Environmental Protection Agency</b></p> <p style="text-align: center;"><b>Matthew Rodriguez Secretary for Environmental Protection</b></p> <p style="text-align: center;"><b>SYCAMORE 6/7</b></p>
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2:15 – 2:30

**BREAK**

## Wednesday, October 19, 2011 continued

2:30 – 3:30            **U.S.EPA, Region 9 Division Directors Breakout Sessions**

<p><b>Air Division</b></p> <p><b>Deborah Jordan</b> Division Director</p> <p><b>SYCAMORE 2/3</b></p>	<p><b>Waste Division</b></p> <p><b>Jeff Scott</b> Division Director</p> <p><b>SYCAMORE 4/5</b></p>	<p><b>Communities and Ecosystem Division</b></p> <p><b>Enrique Manzanilla</b> Division Director</p> <p><b>SYCAMORE 6/7</b></p>
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3:30 – 3:45            **BREAK**

3:45 – 5:00            **U.S. EPA, Region 9 Division Directors Breakout Session**

<p><b>Water Division</b></p> <p><b>Alexis Strauss</b> Division Director</p> <p><b>SYCAMORE 2/3</b></p>	<p><b>Superfund Division</b></p> <p><b>Jane Diamond</b> Division Director</p> <p><b>SYCAMORE 4/5</b></p>	<p><b>Regional Enforcement Coordination Program</b></p> <p><b>Kathleen H. Johnson</b> Senior Enforcement Manager</p> <p><b>SYCAMORE 6/7</b></p>
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6:00 – 8:00            **PALA EVENTS CENTER**  
**Connor Byestewa, Jr. Awards Banquet**  
**Master of Ceremonies:** Shasta Gaughen, Director,  
Pala Environmental Protection Agency  
**Blessing**  
**Keynote Speaker:** Tracey LeBeau, Director, Office of  
Indian Energy Policy and Programs, US Department of  
Energy

**Presentation of Awards**

8:00 – 11:00            **Live Entertainment**

## Thursday, October 20, 2011

8:00 – 4:00 **PALA EVENTS CENTER**  
Registration

8:30 – 9:30 **Keynote Speaker:** Felicia Marcus, Western Director for the Natural Resources Defense Council

9:30 – 9:45 **BREAK**

9:45 – 10:35 **Breakout Session**

WATER	PROTECTING HUMAN HEALTH AND ECOSYSTEMS	AIR	LAND	EMERGENCY PREPAREDNESS	OTHER A	OTHER B
SYCAMORE 6	SYCAMORE 9	SYCAMORE 8	SYCAMORE 4	SYCAMORE 7	SYCAMORE 3	SYCA- MORE 5
Introduction to Tribal Water Grant Programs	GAP 101	Introduction to EPA's AIRNow and AIRNow-Tech	Habitat Restoration for Culturally Significant Plants on Reservations	Presidential Policy Directive -8 and NIMS Overview	Using ArcGIS for Tribal Non-point Source Pollution Management	Climate Change Adaptation

10:45 – 11:35 **Breakout Session**

WATER	PROTECTING HUMAN HEALTH AND ECOSYSTEMS	AIR	LAND	EMERGENCY PREPAREDNESS	OTHER A	OTHER B
SYCAMORE 6	SYCAMORE 9	SYCA- MORE 8	SYCAMORE 4	SYCAMORE 7	SYCAMORE 3	SYCAMORE 5
Clean Water Act Section 106 Reporting Requirements	Engaging Indian Country in Tribal Pesticide Issues	Overview of Tribal Air Monitoring	UST Awareness Training for Tribal Personnel	CERT Emergency Response Saves Lives	Utility Fee Collection Strategies Pyramid Lake Case Study	Implementing Regulation in Indian Country

11:35 – 1:15 **Lunch (On your Own)**

## Thursday, October 20, 2011 continued

### 1:15 – 4:15 GAP ON-LINE, HANDS-ON COMPUTER TRAINING – SYCAMORE BOARD ROOM

#### 1:15 – 2:05 Breakout Session

WATER A	PROTECTING HUMAN HEALTH AND ECOSYS- TEMS	WATER B	LAND	EMERGENCY PREPARED- NESS	OTHER A	OTHER B
SYCAMORE 6	SYCAMORE 9	SYCAMORE 8	SYCAMORE 4	SYCAMORE 7	SYCAMORE 3	SYCAMORE 5
Water Based Plan- ning from Assessment to Mgmt.	Protecting Residents/ Eco Systems From Pollu- tants	Operation and Mainte- nance Col- laborative for Drinking Wa- ter and Wastewater Systems	Environmen- tal Assistance on Tribal Lands	Wildfire Smoke and CARPA	Understand- ing Your Energy Capacity	Climate Change Miti- gation Ener- gy Efficien- cy (Morongo case study)

#### 2:15 – 3:05 Breakout Session

WATER	PROTECTING HUMAN HEALTH AND ECOSYS- TEMS	AIR	LAND	EMERGENCY PREPARED- NESS	OTHER A	OTHER B
SYCAMORE 6	SYCAMORE 9	SYCAMORE 8	SYCAMORE 4	SYCAMORE 7	SYCAMORE 3	SYCAMORE 5
Tribal BMI Collabora- tive So. Cal Inter Tribal BMI Stream Team	Reducing Childhood Lead Poison- ing Among Tribal Com- munities	Tribal New Source Re- view (NSR) Rule	Tuba City Leaking UST Site Remedi- ation and Document Retention	EPA Emergency Response Roles and Responsibil- ities	Yurok Tribe EPA STAR Grant: Com- munity Based Re- search Sub- sistence Re- source Con- taminants Study	PHMSA Who We Are/ HMEP Grant

## Thursday, October 20, 2011 continued

3:15 – 4:05

### Breakout Session

WATER	PROTECTING HUMAN HEALTH AND ECOSYSTEMS	AIR	LAND	EMERGENCY PREPAREDNESS	OTHER A	OTHER B
SYCAMORE 6	SYCAMORE 9	SYCAMORE 8	SYCAMORE 4	SYCAMORE 7	SYCAMORE 3	SYCAMORE 5
California Strategic Water Planning and Tribal Participation	Protecting Children's Environmental Health in Tribal Communities	Gila River Indian Community Air Quality Enforcement Case Study	Easy Steps to Conducting a Waste Characterization	ER Hazard Vulnerability Analysis, California Animal Response Emergency System & ER Leadership Roles	Lake County Hinkel Environmental Resources Consortium Collaborative Project	Yurok Tribe Environmental Justice & Climate Change Prioritization Project

4:15 – 5:15

**TOUR OF SOLID WASTE TRANSFER STATION AND  
PANEL DISCUSSION  
CARS MEET IN FRONT OF HOTEL  
24-PASSENGER BUS FOR THOSE WITHOUT CARS**

7:00 – 12:00

**Entertainment – THE GRAND CABARET/INFINITY ROOM**

## Friday, October 21, 2011

8:30 – 9:30

### PALA EVENTS CENTER

**Keynote Speaker:** D.J. Eagle Bear Vanas

9:45 – 10:35

### Breakout Sessions

WATER A	WATER B	AIR	LAND	EMERGENCY PREPARED- NESS	OTHER A	OTHER B
SYCAMORE 6	SYCAMORE 9	SYCAMORE 8	SYCAMORE 4	SYCAMORE 7	SYCAMORE 3	SYCAMORE 5
Infrastructure Panel Dis- cussion	Hydraulic Fracturing and Why In- dian Country Should be Concerned	PM <sub>10</sub> Moni- toring Sites – How I Learned to Enter Data Into AQS & Like QAPP	Recycling by the White Mountain Apache Tribe	Radiological Planning and Training Assis- tance	Why and How Should I Conduct Bio- assessment	Leadership, Communication & Strategic Planning For Tribal Environ- mental Profes- sionals

10:45 – 11:35

### Breakout Sessions

WATER A	OTHER A	WATER B	LAND	EMERGENCY PREPARED- NESS	OTHER B	OTHER C
SYCAMORE 6	SYCAMORE 9	SYCAMORE 8	SYCAMORE 4	SYCAMORE 7	SYCAMORE 3	SYCAMORE 5
Managing for Ecosystem Functions to Improve Water Quality	NAEPC'S Tribal Stor- ies of Solid Waste Video presentation	Continued Develop- ment of Source Wa- ter Assess- ment – Trini- ty River - GIS	Chumash Biofuels & Fish & Wild- life Plan	Radioactive Ma- terials Response Simplified	Why and How Should I con- duct Bioassess- ment Continued	Tribal Sci- ence Priori- ties

11:45 – 12:30

### PALA EVENTS CENTER

**Raffle and Closing**

Closing Remarks and Retiring of Colors

# 19TH ANNUAL REGION 9 TRIBAL EPA CONFERENCE OCTOBER 19-21, 2011

## EPA Regional Administrator, Region 9 Jared Blumenfeld



Jared Blumenfeld was appointed by President Barack Obama and Administrator Lisa P. Jackson to serve as EPA Regional Administrator for the Pacific Southwest in November 2009. Region 9 is home to more than 48 million people in California, Arizona, Hawaii, Nevada, the Pacific Islands, and 147 tribal nations.

Mr. Blumenfeld has spent nearly two decades protecting the environment both at home and internationally. His priorities at EPA include strong enforcement; environmental justice; protecting and restoring our air, land and waters; building strong federal, state, local and tribal partnerships; and taking action on climate change. During his tenure at EPA, he took a number of significant actions, including protecting over 5,000 square miles of California's coastal waters by proposing to ban discharge of sewage from cargo vessels and cruise ships.

Previously, Mr. Blumenfeld was the Director of the San Francisco Department of the Environment where he spent eight years as the primary environmental decision-maker for the city. He helped to initiate many landmark environmental laws that became part of the municipal Environment Code, including San Francisco's ban of plastic bags, a 2020 zero waste goal, LEED Gold building standards, and an overarching precautionary principle framework.

Mr. Blumenfeld's environmental leadership includes, chairing the first United Nations World Environment Day hosted by the United States - Green Cities: Where the Future Lives (2005), overseeing the Treasure Island Redevelopment Authority, and directing international initiatives to protect eight million acres of wildlife habitat. He is a founder of the Business Council on Climate Change, an organization that unites businesses around the challenge of climate change, and has worked for the Natural Resources Defense Council, the Sierra Club Legal Defense Fund, and the International Fund for Animal Welfare.

Mr. Blumenfeld received his law degrees at the University of London and the University of California, Berkeley.





# 19TH ANNUAL REGION 9 TRIBAL EPA CONFERENCE OCTOBER 19-21, 2011

## STATE DIRECTORS

### **Colleen Cripps, Ph.D., Administrator**

Nevada Division of Environmental Protection

Colleen Cripps has been with the Nevada Division of Environmental Protection for 22 years. Prior to this appointment, she served as the Deputy Administrator for over 5 years overseeing the Division's Air, Waste and Federal Facilities Programs and before that as the Chief of Air Quality. She has served as the President of the National Association of Clean Air Agencies (NACAA), as Vice-President of the Western States Air Resources Council (WESTAR), as Nevada's representative to the Western Regional Air Partnership (WRAP), and as one of Nevada's observers to the Western Climate Initiative. She holds a Ph.D. in Biochemistry and a Master of Public Administration degree from the University of Nevada, Reno.

### **Henry Darwin, Director**

Arizona Department of Environmental Quality

Henry Darwin was appointed director of ADEQ in February 2011. Previously, Henry was ADEQ's Deputy Director, where he served as Chief of Staff for the agency and oversaw the day-to-day operations and attended to selected policy and enforcement issues. Henry also served as acting director of the Water Quality Division and was the Administrative Counsel of ADEQ. He has previously managed the air quality, water quality and Underground Storage Tank compliance programs at ADEQ. Henry has also worked for the Salt River Project as in-house environmental counsel and served briefly as an Assistant Arizona Attorney General on special assignment to ADEQ's hazardous waste program. Henry, a native of Yuma, holds a Bachelor of Science degree in hydrology from the University of Arizona and a J.D. from Lewis and Clark College's Northwestern School of Law. He is a licensed attorney in Arizona, was a primary author of ADEQ's Compliance and Enforcement Handbook and also developed the Arizona Environmental Performance Track program.

### **Matthew Rodriquez,**

Secretary for Environmental Protection  
State of California

Matt Rodriquez was appointed California Secretary for Environmental Protection by Governor Edmund G. Brown Jr. in July 2011. As Secretary, Matt oversees the activities of the California Air Resources Board, the Department of Toxic Substances Control, the Department of Pesticide Regulation, the Office of Environmental Health Hazard Assessment and the State Water Resources Control Board. As a member of the Governor's cabinet, he advises the Governor on environmental policy.



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He comes to the Agency with more than 24 years of environmental experience with the California Department of Justice where he served as a Deputy Attorney General from 1987 to 1999. In this capacity, he advised or represented the Attorney General and clients of the Land Law Section of the Attorney General's Office. His clients included the California Coastal Commission, the State Lands Commission, and the San Francisco Bay Conservation and Development Commission. In 1999, he was appointed Senior Assistant Attorney General for the Land Law Section by Attorney General Bill Lockyer.

Former Attorney General Brown selected Matt to be the Chief Assistant Attorney General for the Public Rights Division in 2008. In this capacity he supervised the work of the Land Law, Environment Law, Natural Resources Law, Consumer Law, Civil Rights Enforcement, Antitrust and Corporate Fraud Sections of the Office, among others. Under his supervision, the Attorney General's Office worked to enforce hazardous waste disposal laws and regulations protecting groundwater from leaking underground storage tanks. He also worked collaboratively with the attorneys in the Environment Section to represent OEHHA in cases brought under Proposition 65. He was responsible for the legal team that defended California's vehicular greenhouse gas rules against challenges from the auto industry. Most recently, he served as Acting Chief Deputy Attorney General for Attorney General Kamala D. Harris.

Prior to joining the California Department of Justice, Matt was Deputy City Attorney for the City of Hayward from 1985 to 1987, Assistant City Attorney for the City of Livermore from 1983 to 1985, an associate program analyst for the Governor's Office of Planning and Research from 1981 to 1983, and a graduate student assistant with the California Coastal Commission from 1979 to 1981.

In addition to numerous speaking engagements, he has taught classes on environmental law and resources management for graduate students in regional and environmental planning at U.C. Berkeley.

Matt graduated from U.C. Berkeley with a degree in History, and received his JD from Hasting College of the Law in 1980.

Matt is a longtime resident of the Bay Area.



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## KEYNOTE SPEAKERS

### TRACEY A. LEBEAU

Director of the U.S. Department of Energy's Office  
of Indian Energy Policy and Programs



Tracey A. LeBeau (Cheyenne River Sioux) is Director for the U.S. Department of Energy's Office of Indian Energy Policy and Programs. She was appointed in January 2011 to establish the new Office which is authorized by statute to manage, coordinate, create and facilitate programs and initiatives to encourage tribal energy and energy infrastructure development. Administratively, the Office was established to also coordinate, across the Department, those policies, programs and initiatives involving Indian energy and energy infrastructure development.

Ms. LeBeau has over 15 years of energy investment, start up and energy development experience. She has served in executive capacities for numerous energy businesses throughout her career, including an interstate pipeline, wind development and investment company, energy trading business and other energy development companies. More recently she served as Principal at SNR Denton, a top 25 international law firm, where she advised a variety of institutional investment and governmental clients on a range of issues related to energy, including wind and solar development, siting and permitting, transactional matters and electric transmission. At SNR Denton, Tracey was co-chair of its Renewable Energy Practice and was also listed in Chambers 2010 to rankings in Indian Law. Prior to SNR Denton, Tracey co-founded Red Mountain Energy Partners, an energy technical consultancy firm, and was Vice President of Innovation Investments, a private equity firm where she originated and managed development of large-scale wind projects. With respect to conventional energy development, Tracey previously served as Vice President for midstream gas companies Earth Energy Environment, LLC and E3 Canada Corporation. Prior to that, she was a Director at Kansas Pipeline Company, an interstate gas pipeline, and a Director for American Energy Solutions, Inc., an electricity and gas marketing firm. Ms. LeBeau received her A.B. from Stanford University and her J.D. from the University of Iowa.



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**FELICIA MARCUS**

Western Director, Natural Resources Defense Council  
San Francisco, California



Felicia is the Western Director for the Natural Resources Defense Council (NRDC), a national environmental leader in bringing science, law, and policy expertise to solving our world's pressing environmental and conservation challenges. Prior to joining NRDC, Felicia was the Executive VP/COO of the Trust for Public Land, a national non-profit devoted to conserving land for people. Before coming to TPL, Felicia served as the Regional Administrator of the U.S. EPA, Region 9 in the Clinton Administration where she was known for her work in bringing unlikely allies together for environmental progress and for making the agency more responsive to the communities it serves; particularly Indian Tribes, communi-

ties of color, local government, and business. While at EPA, Felicia worked extensively on the range of environmental issues under EPA's jurisdiction, most heavily in air quality, Bay-Delta water, Tribal, and US-Mexico border issues. Prior to that, Felicia headed Los Angeles' Department of Public Works at a time when the City went from garnering lawsuits to garnering national awards for environmental excellence. Felicia came to Public Works after extensive experience as a public interest lawyer and community organizer in Los Angeles. She currently serves on many non-profit boards and Advisory Councils including the Public Policy Institute of California, Urban Habitat, Natural Heritage Institute, and the Center for Diversity and the Environment. She is also currently an Obama Administration appointee to the Commission on Environmental Cooperation—Joint Public Advisory Council (US, Mexico, Canada) and a Schwarzenegger Administration appointee to the Delta Stewardship Council.



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## D.J. EAGLE BEAR VANAS



D.J. Eagle Bear Vanas is a husband, father, internationally acclaimed motivational storyteller and leadership expert. He is also the author of the celebrated book *The Tiny Warrior: A Path to Personal Discovery & Achievement* which is printed in six countries. D.J. is Odawa Indian from Michigan and uses traditional warrior concepts and wisdom to inspire others to achieve their best in life and career. For fifteen years, he's delivered his dynamic programs in 49 states and overseas to over 3,000 audiences including Walt Disney, NASA, IBM and hundreds of tribal governments, communities and schools. He's also been invited to the White House to speak – twice. He holds a B.S. from the U.S. Air Force Academy and an M.S. from the University of Southern California. After serving ten years as an Air Force officer, he is now the president of his own company, Native Discovery Inc. D.J.'s mission is to "build the warriors of tomorrow... today."



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## Connor Byestewa, Jr. Environmental Award

The late Connor Byestewa, Jr. was the Director of Environmental Protection and Agriculture Regulatory Office for the Colorado River Indian Tribes. Mr. Byestewa tirelessly served his Tribe in many capabilities. He was a member of the Colorado River Indian Tribes' Council, and served as an advisor to a number of environmental and agricultural boards and work groups. His commitment was not only at the tribal level, but encompassed work at the state and federal levels.

Mr. Byestewa was an integral member of the Regional Tribal Operations Committee (RTOC) for EPA, Region 9. He worked on Western Regional Air Partnerships (WRAP), perchlorate and pesticide issues.

The foundation of his work continues today. The Connor Byestewa Jr. Environmental Award is being made in his honor to recognize the efforts of individuals that have made and strengthened tribal self-government and improved human health and environmental conditions with Indian Country in EPA, Region 9.



# 19TH ANNUAL REGION 9 TRIBAL EPA CONFERENCE OCTOBER 19-21, 2011

## CONNOR BYESTEWA JR. ENVIRONMENTAL AWARD PREVIOUS RECIPIENTS

### **2001 RECIPIENTS**

Loretta Stone – San Carlos Apache, AZ  
Kerri Vera – Tule River, CA  
A. Brian Wallace – Washoe Tribe, NV

### **2002 RECIPIENTS**

Marilyn Ethelbah – Fort McDowell Yavapai Nation, AZ  
Robert Ulibarri – Hoopa Valley Tribe, CA  
Irenia Quitiquit – Robinson Rancheria, CA  
Marci Phillips – Shoshone Paiute Tribes of Duck Valley, NV

### **2003 RECIPIENTS**

Kendra Tso – Ak Chin, AZ  
Teri Cawelti – Owens Valley Indian Water Commission, Bishop Tribe, CA  
Elwood Emm – Yerington Paiute Tribe, NV

### **2004 RECIPIENTS**

Gila River DEQ – AZ  
Alan Spoonhunter (posthumous) – Bishop Tribe, CA  
Roxanne Ellingson – Walker River, NV

### **2005 RECIPIENTS**

Marie – White Mountain Apache, AZ  
Tina L. Williams – Cold Springs Rancheria, CA  
Gerry EMM – Pyramid Lake Paiute Tribe, NV

### **2006 RECIPIENTS**

Steve Etsitty – Navajo Nation, AZ  
Laura Mayo – Yurok Tribe, CA  
Alfreida Jake – Te-Moak Tribe, Elko Band, NV

### **2007 RECIPIENTS**

Anna Masayesva – Hopi Tribe, AZ  
Lenore Volturmo – Pala Band of Mission Indians, CA  
Bernice Lalo – Battle Mountain Council, NV

### **2008 RECIPIENTS**

Arlene Luther (posthumous) – Navajo Nation, AZ  
Hopland Band of Pomo Indians – Environmental Team, CA  
Dan Mosley – Pyramid Lake Paiute Tribe, NV

### **2009 RECIPIENTS**

Satya “Deb” Misra – Navajo Nation, AZ  
Marie Barry – Washoe Tribe of Nevada & California  
The Hinthil Environmental Resources Consortium (HERC), CA

### **2010 RECIPIENTS**

Cornelius Antone – Tohono O’Odham Nation, AZ  
Yarington Paiute Tribe – NV  
Ken Norton – Hoopa Valley Tribe, CA



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## RUDY MIX

### CONNOR BYESTEWA, JR. AWARD RECIPIENT ARIZONA 2011

Rudy Mix has been the Manager of the Waste Program which includes both Solid Waste and Hazardous Waste for the last five years. Rudy supervises a total of 5 team members. Rudy has developed a strategic plan that is exemplary for his program that deals with all of the waste issues that are common to Tribal governments throughout Region 9.

Rudy has worked quietly and diplomatically with approximately 55 businesses located throughout the Community and within the industrial parks to decrease the amount of hazardous chemicals by approximately 60%. He has done this by his significant amount of research and knowledge that goes into regulating such a vast and large industrial development. He provides the businesses with ideas and suggestions of different methods of chemical use that is less hazardous to the environment. In addition Rudy has made significant use of regulation to stem the growing impacts from illegal dumping. He has accomplished that by making himself available 24/7 to all Community members and agencies to respond to all complaints and incidents. Rudy has developed a relationship with all of the various public safety agencies such as the Fire Department, Police Department and Rangers to work together to ensure that follow-up and closure is completed on all incidents. This has resulted in significant penalties from those responsible parties from the surrounding metropolitan jurisdictions as well as enforced cleanups. Rudy is very quick to ensure that the Public Safety personnel are given credit and appreciation for their collaborative efforts.

The goals of the Tribal government of "A New Direction for the People" have acknowledged the role that the Department has played in responding to the needs of the Community members. The Waste Program continues to respond to the goals and objectives of the Tribal government to ensure that public safety and environmental protection are a top priority and responsibility of his program. Rudy is now pushing his program to become more sensitive to both renewable energy and recycling in response to climate change initiatives. This is being received with significant support from Tribal membership as well as the decision makers within the Community. Rudy has a very close relationship with his Community and since he himself is a Community member he is well known and well respected for his efforts to decrease the amount of chemicals in the environment and to ensure public health and environmental protection.





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**JESSE PATTERSON**

**CONNOR BYESTEWA JR. AWARD RECIPIENT  
CALIFORNIA 2011**

Jesse's contributions have been critical to the recent success of the Santa Ynez Chumash Environmental Office (SYCEO). Since 2008 Jesse has overseen numerous projects in the areas of waste management, habitat restoration, alternative fuels, and community education. To accomplish SYCEO goals he has collaborated with a variety of partners and created several job opportunities for community members.

Jesse managed 4 separate waste site clean-up projects that removed over 178 tons of mixed waste, 103 gallons of hazardous waste, over 44 vehicles, and 376 tires from tribal properties. By initiating tribal government waste management program to divert electronics, fluorescent lights, printer cartridges, food waste, and packing supplies from the landfill, to maximize green purchasing, and to increase other source reduction efforts he helped earn the Tribe earn a Santa Barbara County Green Business Certification. Under Jesse's direction, some of these wastes are being recovered for further use, such as food scraps which are being converted into compost for the Tribe's community garden (which he helped design).

Jesse is successfully running the tribe's community biofuel program which started in January 2011. So far, 3 community vehicles have been converted to run on waste vegetable oil (WVO), including his personal truck, the SYCEO truck, and the Tribal Administrator's personal truck. Used cooking oil recovered from tribally-owned restaurants is filtered and dispensed at the Tribe's WVO station that was constructed and operates under Jesse's oversight. Currently the tribe collects approximately 400 gallons of WVO per month. Jesse is working with restaurant staff and tribal community members to increase the amount of WVO recovered. He is also working with the Chumash Casino Result Transportation Director on converting one of the Tribe's shuttles to run on WVO.

One of Jesse's main focuses has been to protect and restore wildlife habitat on tribal lands. He is managing the Tribe's Arundo donax control project, a noxious, non-native weed that displaces native habitat, chokes waterways, uses excessive water, and is a fire hazard. Thanks to Jesse the Tribe has almost completely eradicated over 1 acre of this plant which was scattered all throughout the reservation. Jesse also worked with the Culture Department and Elders Council to develop a database culturally-



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significant plant and animal species as part of the Chumash Fish, Wildlife, and Habitat Management Plan, which he recently completed. One objective of this plan is to propagate identified cultural and native plants at strategic locations throughout tribal lands for cultivation by community members and habitat restoration.

Jesse's greatest impact has been through his work directly with community members and partners. His charisma and enthusiasm are contagious and encourage excitement and dedication in just about everyone he encounters. He helps organize the SYCEO's two annual events and regularly collaborates with other tribal departments to include environmental outreach in non-SYCEO community events. Jesse has formed many mutually beneficial partnerships with agencies, non-profits, and other tribes that enhance tribal programs. In addition, the projects described above have also created employment for 14 different community members, all who worked (or are still working) under Jesse's guidance.

## **MARCY HUNTER-PHILLIPS**

### **CONNOR BYESTEWA JR. AWARD RECIPIENT NEVADA 2011**

This nomination is a little unique, just because the nominee is a memorial nomination. It was discussed between the ladies of our Environmental Managers here in Nevada that we wanted to honor Ms. Hunter-Phillips accomplishments for us here in Nevada. She was a great advocate not only for her tribe, the Duck Valley Shoshone-Paiute Tribes but for all of Nevada on environmental impacts. She was always willing to lend a helping hand to new staff, who needed her guidance within their own environmental programs. Some people would say she was a "go-getter". She simply would not rest until something was completed. Some of her accomplishments included: Office of Solid Waste and Emergency Response (OSWER) Active Member, Tribal-State Environmental Liaison Program Support, Submission of comments on Federal, State and Tribal projects, and mentor to Nevada Tribes.

Unfortunately our mentor and friend became ill and could not bounce back from the sickness in her body. Marcie said good-bye to everyone whose lives she touched along the way. You can take a glimpse into Nevada and find her in our environmental work here where she will always remain.



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## DIVISION DIRECTOR BREAKOUT SESSIONS WEDNESDAY OCTOBER 19, 2011

2:45 PM TO 3:45 PM

### AIR DIVISION

**SYCAMORE 2/3**

Air Division Director Deborah Jordan will present EPA Region 9's priorities and objectives for working with tribes on air quality and an update of air quality issues of interest to tribes. Topics will include the Tribal New Source Review Rule, designations for revised National Ambient Air Quality Standards, tribal air monitoring and Tribal/EPA Air accomplishments. Colleen McKaughan will join Director Jordan for interactive discussion and a question/answer period.

**Deborah Jordan** is Air Division Director for the U.S. EPA Region 9. She oversees about 100 staff members working with 45 state and local air agencies charged with improving air quality in the Pacific Southwest. Ms. Jordan is responsible for enforcing the Clean Air Act on state and tribal lands and leading the Region's efforts to address climate change. Ms. Jordan has been Air Division Director since March 2004, after serving as Chief of Staff to the Regional Administrator. She has worked at EPA since 1989. Ms. Jordan received her Ph.D. in chemical engineering from the University of California at Berkeley, and master and bachelor degrees from the University of Kansas.

**Colleen McKaughan** has been with the U.S. EPA for 25 years, three in Chicago Regional Office, 10 in the San Francisco Regional Office, and the last 12 years in Arizona. She is currently an Associate Director with the Air Division, and has been assigned to Arizona to work on air quality issues throughout the state. She also manages the Regional Haze efforts and Tribal issues for the Air Division. She facilitates communications between EPA and state, local, tribal, political, and environmental constituents. Prior to joining EPA, Colleen worked as a consultant, specializing in the environmental impacts of energy projects. Colleen has a B.S. in Resources Planning and Conservation from the University of Michigan and an MBA from the University of Illinois at Chicago.

### WASTE DIVISION

**SYCAMORE 4/5**

Waste Management Division Director Jeff Scott will present innovative accomplishments from FY 10-11 and discuss key regional and tribal priorities/objectives for waste management programs through 2013, followed by an open discussion period. The session will cover key policy and budget issues for tribes regarding the hazardous waste, solid waste, and underground storage tank programs.

**Jeff Scott** was selected to lead the Waste Management Division in 2000. As Waste Director, he's played a strong leadership role in developing the national RCRA program. He's been a champion for increasing the effectiveness and emphasis on waste prevention, recycling, and sustainability and its related multi-media benefits including climate change. Since that time, Jeff has taken two rotational assignments during his tenure as Director. In 2007-2008, Jeff served as Director of EPA Region 9's Communities and Ecosystems Division overseeing the National Environmental Policy Act (NEPA) program, Pesticides and Toxics programs, and the region's multimedia Tribal, Border, Outer Pacific Island, and



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Agriculture programs. In 2003, he served as Director of the Office of International Environmental Policy in the EPA Headquarters Office of International Affairs. Jeff began his career with EPA in 1983 at EPA Headquarters as an intern doing regulatory and cost-benefit analysis in the Office of Solid Waste. Jeff received his Master's degree in Public Policy from the University of California at Berkeley. He graduated Phi Beta Kappa and Cum Laude from the University of California Irvine with Bachelor's degrees in both Economics and Social Ecology.

## COMMUNITIES AND ECOSYSTEMS DIVISION

**SYCAMORE 6/7**

Division Director Enrique Manzanilla, will provide an overview of the many programs located within this Division. In addition, Enrique Manzanilla will discuss regional tribal priorities that affect the Division through 2013, and his strategy for advancing those goals in FY 11-12; current and upcoming expected budget and policy initiatives that affect CED will also be outlined. The overview portion of the session will be followed by an interactive discussion on the pesticides, lead, asbestos, NEPA, US/Mexico Border, and General Assistance programs from the tribal perspective.

**Enrique Manzanilla** started his EPA career in 1985 in Washington, DC in EPA's Office of Policy, Planning and Evaluation. In Region 9, Enrique has served in several capacities including the Director of the Region 9 Office of Communication and Government Relations from 1996 to 1998, and as region 9's US/Mexico Border Coordinator from 1991 to 1994. He also served as the Agency's Environmental Attache at the US Embassy in Mexico City from 1994 to 1996. Enrique has been the Director of the Communities and Ecosystems Division (CED) since May of 1998. As Director of CED, Enrique supervises approximately 80 staff and is responsible for providing leadership and direction on regional multimedia issues and promoting cross-program and community approaches to address environmental issues. Programs under Enrique's leadership include the Tribal, U.S./Mexico Border, Pacific Islands, Environmental Justice, Agriculture, NEPA, Toxics, and Pesticides. Enrique received a Master's degree in Marine Affairs from the University of Southern California in 1984 and a Bachelor of Arts degree in biology from Pomona College in 1978.

**3:45 PM to 5:00 PM**

## WATER DIVISION

**SYCAMORE 2/3**

Alexis Strauss, EPA Region 9 Water Division Director, will lead the session with an overview of the key regional tribal priorities and objectives through FY 2013.

**Alexis Strauss** has served as the Director of EPA R9's Water Division in San Francisco since 1994. Ms. Strauss began her career at EPA in 1979 as a Presidential Management Intern. She has over 11 years' experience in the hazardous waste and Superfund programs. Ms. Strauss is the recipient of the EPA Excellence in Management Award and the Suzanne Olive Award for Management which recognizes inspirational leadership on diversity.



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## SUPERFUND DIVISION

**SYCAMORE 4/5**

This session will provide an opportunity for tribes to interact with Superfund Division Director Jane Diamond. Jane Diamond will highlight what Superfund Division can offer the tribes – Grants, Outreach, Emergency Response, Technical Assistance, accomplishments for FY 10-11, followed by an opportunity to answer questions tribes might have about Superfund and Brownfields programs.

**Jane Diamond** is the Director of the Superfund Division in EPA's Pacific Southwest Office (Region 9), where she is responsible for assessment and cleanup of hazardous waste sites, emergency response, and the Brownfields program. Jane previously served as the Deputy Regional Administrator, overseeing a workforce of 850, an annual regional budget of \$900 million, and a \$2.3 billion grants program. She has also been responsible for strategic planning, financial management, administration of grants and contracts, information resources and technology, human resources, quality assurance and the Regional Laboratory. Jane has also led environmental programs in three of EPA's environmental divisions, including the U.S./Mexico border water and wastewater infrastructure program, Southern California watershed protection programs, Federal facilities cleanups, and hazardous waste compliance and enforcement. Jane just marked her 32-year anniversary of federal service in August 2011.

## REGIONAL ENFORCEMENT COORDINATION PROGRAM

**SYCAMORE 6/7**

Kathleen Johnson will discuss the National EPA Settlement with the Department of Interior for violations at BIA owned/operated schools and BIA owned/operated public drinking water systems serving those schools (FY 2005-June 30, 2008).

**Kathleen Johnson** is a member of EPA Region 9's Senior Staff. Her office provides coordination for the enforcement programs throughout the region. The region implements over ten separate enforcement programs under numerous environmental statutes including the Clean Air Act, Clean Water Act, Resource Conservation and Recovery Act and the Oil Pollution Act. Ms. Johnson also recently served as the Director of the Office of Public Affairs.. In that capacity she was responsible for regional communications including press and Congressional outreach, the Region 9 web site and environmental information and education.

Prior to that, Ms. Johnson was the Chief for the Federal Facilities and Site Cleanup Branch in the Superfund Division. She supervised all Superfund projects on Region 9 federal facilities as well as remedial activities on private sites in Arizona, Nevada, Hawaii and the Pacific Islands. She also served as an enforcement attorney and supervisor in the Office of Regional Counsel for seventeen years.

Prior to joining the EPA, Ms. Johnson was in private practice in Houston, Texas. Ms. Johnson is a graduate of Baylor University School of Law and holds a Masters Degree in Public Health from the University of Texas.



Summaries and Biographies

INTRODUCTION TO TRIBAL WATER GRANT PROGRAMS

SYCAMORE 6

This session provides an introduction to the various Water Grant Programs available to Federally - recognized Tribes through EPA, Region 9. Allowable program activities, eligibility requirements, important dates and contact information will be discussed for each of the following: 1) Clean Water Act Section 106, Water Pollution Control, 2) Clean Water Act 319, Nonpoint Source Pollution, 3) Wetlands Development Grants, and 4) Source Water Protection Program. .

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**Loretta Vanegas** works at the USEPA Region 9, San Francisco Office, Clean Water Tribal Program Office. She works with various regional tribes on their EPA water quality grant programs such as CWA 106 Water Pollution Control, CWA 319 Non-Point Source, and Wetlands. Loretta is also part of the water infrastructure team and works on various EPA tribal infrastructure programs in coordination with the Indian Health Service and other federal agencies in support of funding infrastructure needs within tribal lands.

**Audrey L Johnson** began working at the US EPA, Region 9, San Francisco Office in October 2005. She works with tribal organizations in CA, AZ and NV on various EPA water quality grant programs, including: CWA 106, CWA 319, and Wetlands. As the Water Quality Data and Monitoring Lead for tribal programs in Region 9, Audrey trains tribes how to make environmental decisions based upon data analysis to improve water quality on Indian Reservations.

GAP 101

SYCAMORE 9

The goal of the GAP Program is to assist tribes in developing the capacity to manage their own environmental protection programs and to develop and implement solid and hazardous waste programs in accordance with the tribe's needs. This presentation will describe the purpose of the GAP Program and provide any updates that have occurred over the past year. We will also discuss when and how to apply for the GAP grant.

**Veronica Swann** has worked in the Tribal Program Office at EPA Region 9 since January 2005, and has been with EPA since 1990. Currently she works with tribes in Nevada and Lake County, California. Prior to working in the Tribal Program Office, she worked in the Finance Office in Region 9.

INTRODUCTION TO EPA'S AIRNOW AND AIRNOW-TECH

SYCAMORE 8

This talk will present tribal air quality managers with an overview of the EPA's AIRNow program, a demonstration of AIRNow-Tech, and an explanation of a couple of key AIRNow concepts. The session will begin by covering the history and evolution of the AIRNow program, the role of tribes and other stakeholders in AIRNow, and the various components of the AIRNow program. Next, there will be an in-depth demonstration of AIRNow-Tech, the web-based tool stakeholders and tribal air quality managers can use to quickly monitor and manage their data and perform simple analyses. In particular, we will demonstrate the use of AIRNow-Tech for a California wildfire event as a case study. Finally, additional AIRNow-related topics will be introduced.

**Dianne Miller** is a Project Manager and a Meteorologist at Sonoma Technology, Inc. Ms. Miller manages projects related to data analysis, daily air quality forecasting, and database and software development, including the AIRNow Gateway and AIRNow Mapper projects. In addition, she focuses on performing meteorological and air quality data analyses to understand the meteorological processes that influence ozone and particulate matter; performing database programming to support AIRNow database systems; developing subjective and objective ozone and PM forecasting tools for regions across the United States; and producing air quality forecasts. She has helped develop and teach several short courses, training workshops, and video courses about air quality.

## HABITAT RESTORATION FOR CULTURALLY SIGNIFICANT PLANTS ON THE RESERVATION SYCAMORE 4

Culturally significant plants are of great importance to tribes in California. These plants have a wide variety of uses and do not always occur on the reservation, or are not abundant enough to be collected. Restoring native culturally significant plants on reservations has been achieved for the benefit of tribes and future generations by careful assessment and establishment techniques. Native plant nurseries and restoration projects have been successfully established at several locations in California. Restoration of natural ecosystems is of great benefit to tribes and their land. Illustrations of examples and explanations of the techniques necessary to develop and initiate a plan for these activities will be presented and discussed.

**Lawrence Ray** is an ecologist with a Master of Science degree in Ecosystems Management. Mr. Ray has assessed and restored native ecosystems in CA for the last 25 years. Recently Mr. Ray has been involved in the assessment of tribal land for the Middletown Rancheria in Middletown, CA where he has developed and implemented plans for the restoration of culturally significant plants.

## PRESIDENTIAL POLICY DIRECTIVE - 8 AND NIMS OVERVIEW SYCAMORE 7

This presentation will introduce and provide an overview of the Presidential Policy Directive – 8 and updates on the National Incident Management System (NIMS).

**Susan Waller**, Emergency Management Specialist National Preparedness FEMA Region 9, began her Federal career in Frankfurt, Germany in 1987 as a program technician with the U.S. Army Corp of Engineers, European Division. While in Europe, the Loma Prieta Earthquake struck the San Francisco Bay Area, Susan's home base. After learning about the FEMA mission, she was fortunate enough to join the FEMA Region 9 Offices in California in 1991. As an Emergency Management Specialist for FEMA, Susan has served as a program officer in hundreds of emergency events, response and recovery operations, and Presidential declared disasters throughout the country and U.S. Territories. In addition to conducting damage assessments in areas affected by an emergency or disaster, Susan implemented the Individual Assistance programs and trained and managed staff to coordinate disaster assistance for families and individuals, such as the Disaster Housing Program, Crisis Counseling and Disaster Unemployment Assistance Programs. In her current position, Ms. Waller serves as a program coordinator for the National Incident Management System and National Response Framework in the Region 9 National Preparedness Division.

## USING ARCGIS FOR TRIBAL NONPOINT SOURCE POLLUTION MANAGEMENT SYCAMORE 3

This presentation will provide an overview of available GIS technologies for watershed planning. The development and implementation of a watershed plan that can reduce non-point source (NPS) pollution requires access and management of large amount of location based or geographic information. GIS technologies offer powerful and comprehensive tools that are specifically designed for hydrological analyses, watershed management, and water resources protection.

**Dr. Zhumei Qian** is a project manager and software engineer for Esri's Professional Services Division, Water Resources Team. She has over 15 years' experience in GIS application development, implementation, and project management. She is also involved in water resources and water utilities marketing for Esri.

**Rob Roy** has been the Environmental Director for La Jolla for 7 years and has worked for the Tribe for 9 years. He holds a professional certification in GIS from Mesa College in San Diego and previously worked for the City of San Diego Environmental Services Department conducting GIS based mapping and routing projects. Rob has extensive experience in environmental management including solid waste programs, water quality monitoring, biological surveys, program management, collaborative projects, and grant writing.

## CLIMATE CHANGE ADAPTATION

SYCAMORE 5

Karen Schwinn, Associate Director of Water Division, will discuss EPA Region 9's involvement in Climate Change Adaptation activities.

**Karen Schwinn** is the Associate Director for the Water Division of U.S. Environmental Protection Agency's Region 9 office in San Francisco. Since 1995, she has worked on various water quality and wetlands issues in Northern California and the Central Valley, including managing the Agency's efforts for the Bay-Delta and Klamath watersheds. Most recently, she helped develop the Agency's water-related climate change strategy and oversaw the Region's water program expenditures under the Recovery Act. From 1980 through 1994, she served in EPA's Waste Programs, including the Resource Conservation and Recovery Act and Superfund. Karen grew up in New York and received a BS from Cook College of Rutgers University in 1978.

## VIDEO CONFERENCING DEMONSTRATION

SYCAMORE BOARD ROOM

The EPA Exchange Network (EN) is a means of exchanging important environmental information through an electronic network. During this session, an EPA staff member will demonstrate how to use the EN for video conferencing. Using the EN is easy and can save your staff time and money as well as facilitate the sharing of information. The Tribal Governance Group (TGG) is an NCAI committee that works to support better management, sharing, and communication of environmental data in order to preserve tribal lifeways, maintain cultural integrity, and enhance tribal members' sense of place. The TGG facilitates tribal access to resources and programs for improving environmental data management, advocates for tribal interests on EN governance bodies, and more.

Pat **Eklund** is the EPA Region 9 Program Officer for the Exchange Network Program.

**Linda Rosas** is the Data Manager and GIS Specialist for the Big Valley Rancheria Band of Pomo Indians.

**THURSDAY OCTOBER 20, 2011 10:45 AM TO 11:35 AM**

### **Summaries and Biographies**

## CLEAN WATER ACT SECTION 106 REPORTING REQUIREMENTS

SYCAMORE 6

The Clean Water Act Section 106 reporting requirements will be discussed including the submission of data in STORET compatible format and the Annual Water Quality Assessment Reports. Participants will become familiar with STORET/WQX tools and benefits of documenting environmental results. Participants will also become familiar with the EPA Region 9 Water Quality Assessment Template for tribes to document water quality programs in Indian Country.

**Audrey L. Johnson** began working at the US EPA, Region 9, San Francisco Office in October 2005. She works with tribal organizations in CA, AZ, and NV on various water grant programs, including CWA 106, CWA 319, Wetlands, and Tribal Border Infrastructure. Audrey is the lead for Monitoring and Data within the Water Division, Tribal Office in San Francisco.

## ENGAGING INDIAN COUNTRY IN TRIBAL PESTICIDE ISSUES

SYCAMORE 9

The Tribal Pesticide Program Council (TPPC) is an EPA tribal advisory workgroup that regularly engages with the Agency on pesticide issues and concerns. The TPPC addresses tribal pesticide program issues, provides input on national pesticide policies that affect tribes, offers a network for tribal pesticides personnel to share information, and promotes and enhances tribal pesticides program development. Audience participants will have an opportunity to learn about the TPPC, some of the more prevalent pesticide issues facing Indian Country, and how to engage the Council on matters important to their respective tribal communities.



**Bob Gruenig** has worked closely with Indian Tribes since 2000, having worked for the Indian Country Environmental Justice Clinic at Vermont Law School, the National Tribal Environmental Council, and now Stetson Law Offices, a law firm that limits its practice primarily to the representation of Indian Tribes, Tribal entities, and Tribal corporations. Among the services that Bob and his firm provide are the analysis of jurisdictional issues related to environmental regulation; acquiring treatment-as-a-state for implementing and managing tribal environmental programs; preparation of environmental codes and regulations; and permitting and compliance issues.

#### OVERVIEW OF TRIBAL AIR MONITORING

SYCAMORE 8

This session will focus on ambient air monitoring, including different monitoring objectives and the types of data needed to reach those objectives. We will discuss why a tribe may want to monitor for "informational, or non-regulatory" purposes, versus "regulatory" purposes. We will also cover the level of Quality Control/Quality Assurance associated with both of these types of monitoring, as well as how resource constraints can impact Tribal and EPA ability to conduct monitoring.

**Michael Flagg** works in the EPA Region 9 Air Quality Analysis Office and his main focus is PM<sub>10</sub>. Mr. Flagg has a BS degree from Cal Poly San Luis Obispo State University in Environmental Engineering. Prior to coming to EPA Mr. Flagg worked as a field tech for the San Luis Obispo Air Pollution Control District.

#### UST AWARENESS TRAINING FOR TRIBAL PERSONNEL

SYCAMORE 4

The Underground Storage Tank Compliance Assistance and Training Support (UST CATS) Program provides UST Awareness training for Tribal Personnel. Target audience: Tribal Environmental Professionals, Public Works, Drinking Water Facilities, Division of Natural Resources, Fire Departments, Fleet Management, Economic Development, DOT, Tribal Council, and other personnel who make important decisions regarding underground storage tanks on tribal lands or individuals who may benefit from this awareness training. Topics include: history of USTs, UST federal requirements outline, definition of USTs, UST ownership, UST compliance information, and UST hazards and dangers to the environment and human health.

**Roland T. Chester** (Navajo), Environmental Program Coordinator, has worked for the Inter Tribal Council of Arizona, Inc. (ITCA) Underground Storage Tank Compliance Assistance and Training Support (UST CATS) Program for two years. He attended ASU's Environmental Technology Management (ETM) program and is a current member of the National Tanks Committee, and also has experience in hazardous waste management. In partnership with EPA OUST, he is currently working with all federally recognized tribes and providing UST compliance assistance in Indian Country.

#### CERT EMERGENCY RESPONSE SAVES LIVES

SYCAMORE 7

Introduction to C.E.R.T. (Community Emergency Response Team) basic training in disaster survival and rescue skills to help citizens survive until responders or other assistance arrive. C.E.R.T. curriculum covers disaster preparedness, first aid, fire safety, and light search and rescue for the community.

**Alfreida Jake**, Elko Band Environmental Coordinator, Nevada ITCR Chairwoman, Elko Band TERC Chairwoman, and a CERT instructor. Alfreida is a member of the Te-Moak Tribe of Western Shoshone Indians of Nevada.

**Captain Brian Smith** is a member of the Salt River Pima-Maricopa Tribe. Brian has been a firefighter and paramedic for more than 29 years. He has taught CERT Train the Trainers program, Teen CERT, and the CERT program to Tribes in Nevada, California, and Arizona. Brian is also a presenter/instructor for the Fire Safety Community Risk Watch programs, CPA Instructor and other fire emergency management programs.

## UTILITY FEE COLLECTION STRATEGIES: PYRAMID LAKE CASE STUDY

SYCAMORE 3

Many tribal communities, especially in rural Indian country, understand the difficulty with developing fees for services provided for drinking water, waste water treatment, and solid waste services. Grants for funding that are available to tribes do not allow costs related to operations and maintenance, leaving tribal governments with difficult decisions on how to fund these activities and maintain sustainability. This session will cover how the Pyramid Lake Paiute Tribe developed programs, fees, and enforced collection on its reservation. Discussion will include strategies for enforcement of fee collection, the importance of code development, and addressing public opposition to fees for services.

**John Mosley** is the Environmental Director for the Pyramid Lake Tribe (3 years), is a representative for Nevada tribes at the RTOC, and is the tribal co-lead for the RTOC Solid Waste Workgroup. John is a member of the Fallon-Paiute Shoshone Tribe in Nevada and attended the University of Nevada, Reno with a Bachelor of Science degree in Conservation Biology.

## IMPLEMENTING REGULATION IN INDIAN COUNTRY

SYCAMORE 5

Provides a discussion of effective implementation of regulation at tribal government. This will cover all aspects of making regulation work. Once a regulation/code is designed and formally accepted by tribal council or the BIA and/or EPA, the work begins. The regulation is now intended to be put to work to ensure that there is a high level, or at least the highest level intended by the authority designed, for ensuring public health and environmental protection. This includes permit writing, receiving complaints, investigating complaints, gathering information including photographs, writing sound "notice of violations," preparing orders and assigning penalties. These documents are the essence of making regulations meaningful.

**Margaret Cook** is the Executive Director of the Gila River Indian Community, Department of Environmental Quality for the past six years. Prior to taking this position, Margaret held the position of Senior Environmental Planner and Policy Analyst for the Gila River Indian Community for approximately 8 years and worked as an active member of all the media teams within the Department of Environmental Quality. Margaret is also a member of the Renewable Energy Team and the Transportation Technical Team for the Gila River Indian Community. Margaret holds an MBA with a directed focus on global management.

**THURSDAY, OCTOBER 20, 2011 1:15 PM TO 2:05 PM**

### **Summaries and Biographies**

## WATERSHED BASED PLANNING: FROM ASSESSMENT TO MANAGEMENT

SYCAMORE 6

In 2009, the Trinidad Rancheria began working with Pacific Watershed Associates to conduct a watershed and stream network assessment, evaluate NPS pollution, and analyze existing water quality data in an effort to improve the water quality monitoring program and support adaptive land-use management. These efforts have led to development of a Watershed Based Plan, which identifies and prioritizes implementation strategies to reduce NPS pollution on Tribal Lands.

**Jonas Savage** has been the Environmental Director for the Trinidad Rancheria since 2007. He has a background working with state and federal agencies in planning and implementation projects and holds a degree in Natural Resource Management and Environmental Science from CSU Chico.

**Whelan Gilkerson** specializes in water quality studies, marine ecology, and GIS analysis and has worked for Pacific Watershed Associates since 2006. He received his M.S. degree in Natural Resources from Humboldt State University in 2008.

The workshop will address achievements of tribes to protect tribal resident/ecosystems from pollutants/contaminants – such as lead-based paint, pesticides, pollutants in drinking water/surface water, open dump burning and toxic contaminant releases. Four EPO directors share success stories of their tribal EPOs.

**Sarah Ryan**, Environmental Director, Big Valley Rancheria Band of Pomo Indians. Ms. Ryan has a Bachelor of Arts (BA) degree from the College of William and Mary in Williamsburg, Virginia. She has worked for the Tribe for 10 years and devoted quite a bit of time to researching, identifying and mitigating Tribal exposure to contaminants such as pesticide drift and contaminants in surface water bodies, especially Clear Lake. Ms. Ryan had the honor to serve two terms as an RTOC representative for the Central California Tribes. The Tribe's Environmental Department currently encompasses the following programs: 106, 319, GAP, BIA Water Resources, Department of Energy, Source Water Protection, Lead Baseline Assessment, Pesticide Monitoring and Network Environmental Information Exchange.

**Ken Norton**, an enrolled member of the Hoopa Valley Tribe, is Director at Hoopa Valley Tribal Environmental Protection Agency. Ken has expertise in water quality and development of water quality standards, having worked in environmental protection since 1980. Ken has worked as a fishery technician, fishery biologist, water quality coordinator and director at Hoopa Valley Environmental Department. Ken holds a Bachelor of Science degree in Fishery Management. As a fisheries expert, Ken understands the water quality needs of healthy salmon and other aquatic life, and is experienced in watershed restoration. As TEPA Director, Ken oversees an array of Tribal water programs and other tribal environmental programs (Superfund, brownfields, air, pesticides, lead poisoning prevention, and solid waste). Between 2004 and 2009, Ken had the honor to serve as Vice-Chair of the National Tribal Operations Committee and as NTOC Tribal Caucus Lead for Water Issues. Ken has the honor to serve as current chair of the National Tribal Water Council. Ken is deeply rooted in his Hoopa traditions and culture.

**Dr. Roselynn Lwenya** is Environmental Resources Director and Tribal Historic Preservation Officer at Buena Vista Rancheria of Me-Wuk Indians. She is an environmental specialist with a strong academic background and considerable experience in environmental planning, cultural resources/natural resource protection, human ecology, and gender mainstreaming in environmental issues. She holds a BA (Hons) degree in sociology from University of Nairobi-Kenya; and advanced degrees from School of Environmental Studies, Moi University-Kenya. Roselynn has worked for the Tule River Indian reservation and North Fork Rancheria as Natural Resources Director and Environmental Director, respectively. Rose-lynn directs implementation of multiple programs at Buena Vista including EPA-GAP and CWA 106 programs; Department of Energy-Energy Efficiency Conservation Block Grant – American Recovery and Reinvestment Act (ARRA); Community Services Block Grant, and Tribal Historic Preservation Office work assisted by a grant from the National Park Service. Her vision is fostering key partnerships with Native American tribes, public/private organizations, and state/federal agencies to develop concerted efforts to promote sustainable resource use to meet human needs while preserving the environment so that the needs can be met not only in the present, but for future generations. She serves on the California State Water Plan Tribal Advisory Committee and is on the RTOC from October 2011 to October 2013.

**Erica Helms-Schenk** is an enrolled member of the Cahuilla Band of Indians where she serves as the Tribal Council Secretary. She has worked in the environmental field for over eight years. She currently works for the Soboba Band of Luiseno Indians as the Environmental Director for the last six years. Erica is also active in many committees including the National Tribal Operations Committee as the Executive Secretary, Regional Tribal Operations Committee, and the Native American Environmental Protection Coalition.

## OPERATION AND MAINTENANCE COLLABORATIVE FOR DRINKING WATER AND WASTE-WATER SYSTEMS

SYCAMORE 8

California Area IHS plans to create tribal utility collaboratives for operating and maintaining drinking water and wastewater systems. Come hear about this new initiative and provide your input!

**Donald Brafford**, Director, Sanitation Facilities Construction, California Area IHS

## ENVIRONMENTAL ASSISTANCE ON TRIBAL LANDS

SYCAMORE 4

BIA assistance on leasing compliance, project pre-planning NEPA compliance, endangered species issues, and technical assistance.

**Lenore Lamb** has a B.S. degree in Chemistry from California State University San Marcos and was the Environmental Programs Director for the Pala Band of Mission Indians from 2001 to 2010. She lived on the Pala Reservation with her family for 5 years prior to working there. The Environmental Department provided oversight for air and water quality, pesticide use, and the Pala Transfer Station. Lenore started at the Bureau of Indian Affairs as the Natural Resources Officer in September 2010. Her goal at the BIA is to help foster Indian Self Determination by offering technical assistance and contract support that will build stronger relationships between Tribes, the BIA and other federal agencies.

## WILDFIRE SMOKE AND CARPA PRESENTATION

SYCAMORE 7

This Power Point presentation was created to tell the story of the Karuk Tribe's response to the 2008 air quality emergency that occurred when smoke from several wildfires – the Siskiyou, Ukonom and Panther Complex - burned in the Tribe's aboriginal territory from June to October of that year. The Tribe, located in rural northwest California, challenged by statewide wildfires and a lack of resources had the added complications of dealing with two distant county governments, and multiple local, state and federal agencies to prepare a response for four separate Tribal communities. Along with representatives from the Hoopa and Yurok Tribes, the Karuk Tribe was able to maximize limited resources, and collaborate with outside agencies to assist their communities. The California Air Response Planning Alliance (CARPA) is a voluntary organization of federal/state/local/tribal emergency response, air quality management, and public and environmental health agencies in CA working together to build response coordination, tools, and training to improve responses to hazardous air releases in communities located downwind of such releases, including smoke impacts from wildland fires. CARPA was established in 2006 and conducted training conferences in 2008 and 2010. The three primary themes of CARPA are "Data," "Data to Message," and "Message to Audience."

**John Kennedy** is the Homeland Security and ICS Coordinator for USEPA Region 9. John also manages several programs in the emergency response program including the Incident Management Team and Response Support Corps. John is a co-founder and is current co-chair of the CA Air Response Planning Alliance (CARPA).

## UNDERSTANDING YOUR ENERGY CAPACITY

SYCAMORE 3

Understanding your energy capacity on all of your Tribal administration and community buildings is one of the most important components in deciding the type of renewable energy application is best for each given facility. Many Tribes operate out of older buildings; these older buildings are not energy efficient and consume a great deal of energy to operate. Understanding the peak demands, mechanical equipment, and the building envelope for each facility are all key components for calculating energy related activities. Recognizing renewable energy opportunities within and around your Tribal lands can assist with the development of clean renewable energy projects.

**Tara Hess-McGeown** is an Environmental Specialist II for the Washoe Tribe of Nevada & California since July 2010. She received a B.S. degree in Project Management from Colorado Technical University. She has been an active environmental consultant for approximately ten years in the areas of petroleum contamination remediation and mine permitting. Ms. Hess-McGeown enjoys working with Tribes and is eager to see the renewable energy impact throughout Indian Country.

## CLIMATE CHANGE MITIGATION ENERGY EFFICIENCY (MORONGO CASE STUDY) SYCAMORE 5

According to the Intergovernmental Panel on Climate Change (IPCC), most of the warming of the Earth's temperature in recent decades is very likely the result of human activities (IPCC, 2007). Since the industrial revolution humans have added to the amount of natural greenhouse gases (GHGs) in the atmosphere by burning fossil fuels such as coal, natural gas, oil and gasoline to power cars, factories, utilities and appliances. One of the quickest, easiest, and most cost effective ways to reduce GHGs is to reduce energy consumption. Under Tribal Council's direction the Morongo Environmental Protection Department developed and implemented the Tribes Energy Efficiency Program not only to reduce GHGs but also to lower kWhs and ultimately reduce the tribe's overall energy costs. Tools used and lessons learned include participating in Southern California Edison's free energy education training, energy audits, cost/benefit analyses, implementation, and the tracking and monitoring reductions through EPA's Energy Star Portfolio Manager tool. Kathy Diehl, Regional ENERGY STAR Program Manager, EPA Region 9 will give a brief overview of the Energy Star Program and the Portfolio Manager tool, followed by Liz Bogdanski, Director, Morongo Environmental Protection Department's presentation on the Tribes Energy Efficiency Program.

**Kathy Diehl** is the ENERGY STAR Program Manager for the U.S. Environmental Protection Agency's Region 9, San Francisco Office. She has held this position for the last seven years. Her primary focus is application of the program's energy efficiency tools to commercial buildings. She is also the Region's Urban Heat Island Lead. Previously she was the Region's Air Division Lead for Renewable Energy. Altogether, she has worked in the Region's Climate Change Programs for 15 years and the agency for 27 years. She holds a Masters in Environmental Engineering and a Bachelors in Environmental Science both from the University of California at Berkeley.

**Liz Bogdanski** has been the Director of the Environmental Protection Department for the Morongo Band of Mission Indians since 2004. Under the direction of Tribal Council, Liz developed and implemented the Tribe's Air, Water, Pollution Prevention, Resources Conservation (range and wildlife management) and the Native American Preference Internship programs. She is currently working on climate change issues including mitigation strategies and policies. Prior to Morongo, Liz worked as the Education Outreach Coordinator for the Kailua Bay Advisory Council in Hawaii. She received her Bachelor's Degree in Environmental Studies from the University of Hawaii at Manoa in 2000, a Masters in Management from the University of Redlands, School of Business in 2007 and recently earned her accreditation as a LEED Green Associate. Liz has long been inspired by ancient resource management systems, native peoples' belief in a living ecosystem, and their indigenous relationship with the environment as kinship rather than stewardship. Liz believes that today's resource managers have much to learn from systems of the past and incorporates traditional knowledge with modern technologies in the development of Morongo's Environmental Protection Department. She is grateful for the Tribe's leadership and the department's dedicated staff for the many environmental achievements that have been accomplished throughout the years.

**THURSDAY, OCTOBER 20, 2011 2:15 PM TO 3:05 PM**

### **Summaries and Biographies**

## TRIBAL BMI COLLABORATIVE, SO CAL INTERTRIBAL BMI STREAM TEAM

**SYCAMORE 6**

Participants will be able to learn about creating Tribal collaborative efforts to conduct bioassessment of benthic macroinvertebrates as part of a Tribal comprehensive water quality and management program. Topics to be covered include: establishing the team; SWAMP protocol; field activities; riparian assessment; reach identification; BMI sample collection; transect assessments; instream habitat complexity; densitometer readings; human influence; bank stability; flow habitats; pebble counts; slope determination; equipment; and future plans of the team.

**John Parada** is from So Cal, born and raised. He has resided on two different reservations over 30 years. John has been in the environmental field for 16 years. He was employed with La Posta Band of

Mission Indians for 12 years where he started as a technician and finished as Tribal Environmental Programs Manager. He supervised and conducted activities in the Water Pollution Control Program 106, Tribal Air 103 program, non-point source program, Natural Resources Program, General Assistance Program and Emergency Operations. Parada is now employed with the La Jolla Band of Luiseno Indians managing the CWA 106 Program, where he has initiated a collaborative effort amongst 7 Southern California Tribes to conduct BMI sampling.

### REDUCING CHILDHOOD LEAD POISONING AMONG AMERICAN INDIAN TRIBAL COMMUNITIES

SYCAMORE 9

Dr. Patrick McMullen, Community Development Director at Inter-Tribal Council of Arizona, Inc., will describe a program developed/implemented by ITC-AZ to reduce childhood lead poisoning among American Indian tribal communities in Arizona. Funded under an EPA grant, ITC-AZ undertakes lead educational outreach at its 20 member tribes in Arizona. ITC-AZ develops/conducts outreach to educate tribal families about dangers to children from exposure to lead paint hazards, and develops culturally specific lead outreach materials including brochures for mothers with young children and facility maintenance personnel who may disturb lead-based paint at pre-1978 tribal housing/child occupied buildings.

**Dr. Patrick McMullen, PhD**, Community Development Director, Inter Tribal Council of Arizona, Inc. brings over 17 years of experience working with tribal communities with practical experience ranging from developing and providing on-site training for lead, radon, emergency response, indoor air quality and environmental sampling and assessment, to project management and grant writing, to drafting legislation. He was employed as personal staff for Senator McCain (AZ), Senator Thomas (WY) and Senator Murkowski (AK). Dr. McMullen received his doctorate researching tribal jurisdictional authority under the Clean Water Act, Clean Air Act and the Solid Waste Act. While employed as legislative assistant to Senator McCain, Dr. McMullen drafted legislation for the Violence Against Women Act, Colorado River Indian Community La Paz Lands Act, the Indian Health Care Improvement Act, as well as conducting extensive research for Indian Affairs Committee on a variety of Indian Affairs issues. Dr. McMullen has recently returned from Washington DC to again work for the IYCA.

### TRIBAL NEW SOURCE REVIEW (NSR) RULE

SYCAMORE 8

EPA recently published tribal New Source Review (NSR) regulations to protect air quality in Indian country. This new rule includes requirements for preconstruction permits for new and modified facilities. Prior to this action, there was no federal NSR permitting mechanism for minor sources in Indian country and for major sources in areas of Indian country in non-attainment. These regulations fill this regulatory gap. The new rule lays out requirements for EPA to issue air permits or allow tribes to take delegation of the program. This presentation will cover the basics of the NSR program and the requirements of the new rule.

**Cheryl Nelson** is currently working in EPA Region 9's Air Permits Office. She is on a one year assignment working on implementing the Tribal NSR Rule and assisting with the Federal Implementation Plans on Navajo Nation. She was formerly the Manager of Region 9's RCRA Facilities Management Office in the Waste Management Division, overseeing the implementation of the RCRA hazardous waste and TSCA PCB waste permitting programs. Prior to EPA, Ms. Nelson had over 12 years' experience as a hazardous waste regulatory environmental consultant for the private sector. Ms. Nelson holds a Bachelor's degree in Geology from the University of Buffalo and a Master's degree in Geology from San Jose State University.

### TUBA CITY LEAKING UST SITE, A 10-YEAR REMEDIATION EFFORT AND ELECTRONIC STORAGE

SYCAMORE 4

This presentation discusses the more than 10 years of coordinated efforts between Navajo Nation, Hopi Nation, and USEPA to remediate the Tuba City leaking UST site. The presentation includes a short video followed by a discussion and question and answer session. Information will also be presented on the scanning, storage and access of documents so that they can be searched and displayed easily.

**Henry Haven** received a B.S. degree in Geology from Fort Lewis College in 1976 and an M.S. degree in Geology from NAU in 1997. Henry has worked as a geologist in the oil field with major oil producing companies during the oil boom in the late 1970s. He has completed several scientific publications with the U.S. Geological Survey on the coal resources of Black Mesa. Henry is currently employed as a geologist with the Navajo EPA Leaking UST program where he is involved in the assessment and remediation of subsurface groundwater petroleum contamination from leaking underground storage tanks.

**Pam Maples** worked for an environmental remediation company performing air monitoring and contractor supervision of asbestos and mold abatement projects. She has extensive experience in responding to PCB releases, operation of various remediation systems at fuel contamination sites, groundwater sampling, and storm water drainage water quality studies. She has worked as a geophysical field technician conducting soil resistivity, magnetic, and electromagnetic surveys on environmental and archaeological sites throughout the Southwest. Pam designed a database for the BIA Environmental Division, and Navajo Nation EPA supporting the Sheep Dip Vat Pesticide Remediation Program merging the database with ESRI Satellite Imaging and Global Satellite Positioning. Most recently she developed an electronic data management system and database for the Navajo Nation EPA Fuel Storage Tank and Leaking Fuel Storage Tank Programs.

### EPA EMERGENCY RESPONSE ROLES AND RESPONSIBILITIES

SYCAMORE 7

Oil and chemical spills endanger public health, imperil drinking water, and can damage natural resources that have cultural or subsistence importance. This session will focus on EPA's role and responsibilities in responding to oil and chemical spills on tribal land. Mr. Allen will also discuss EPA's jurisdiction and role in a radiation event – based on the EPA "Rad Play Book."

**Harry Allen** is a Federal On-Scene Coordinator (OSC) and Chief of EPA Region 9's Emergency Response Section. Harry is responsible for managing 14 other OSCs in 3 offices in the region. EPA OSCs are responsible for responding to releases of oil and hazardous substances and the development of strategies for assessment and cleanup of toxic sites throughout the Region (California, Arizona, Nevada, Hawaii and the Trust Territories of the Pacific). Harry's recent projects include cleanups of uranium contaminated residences on the Navajo Nation Indian Reservation at various remote locations in the Four Corners and Monument Valley areas.

### YUOK TRIBE EPA STAR GRANT: COMMUNITY-BASED PARTICIPATORY ENVIRONMENTAL RESEARCH: YUOK SUBSISTENCE RESOURCE CONTAMINANTS STUDY

SYCAMORE 3

The Yurok Tribe Environmental Program (YTEP) is in the 3<sup>rd</sup> year of a 4 year Science to Achieve Results (STAR) research grant from the USEPA National Center of Environmental Research. The purpose of the study was to collect data to answer questions and concerns from the Tribal Membership about potential contaminants and subsistence resources relied upon by the Tribe. The study has included completing community surveys, a Community Health Profile, and a series of sampling and testing of key aquatic species (coastal and riverine) for a range of contaminants known to have been used or existing in the Klamath watershed or the larger environment. Presentation will discuss research methods, community participation, and findings to date.

**Kathleen Sloan, PhD**, is the Environmental Director for the Yurok Tribe. She has a PhD in Environmental Science and has worked for the Yurok Tribe for 8 years, 7 with the Environmental Program and 3 as the Environmental Program Director. Dr. Sloan serves as the Principal Investigator on a number of environmental grants for the Yurok Tribe.

**Suzanne M. Fluharty, PhD**, received her PhD in Environmental Sciences in 2008 from Oregon State University's College of Science with minors in Applied Anthropology, Botany and Plant Pathology. She has been an instructor at both the university and community college level. She was an Environmental Scientist and Botanist for the Coquille Indian Tribe, completing botanical surveys, and performing land use planning with recommendations for maintenance, re-introduction, and restoration of important traditional plant species and habitats. Currently Suzanne is an Environmental Specialist for the Yurok Tribe Environmental Program, Co-Principal Investigator and Project Field manager of U.S. Environmental Protection Agency, National Center for Environmental Research Science to Achieve Results Grant.

## PHMSA WHO WE ARE/HMEP GRANT

SYCAMORE 5

A presentation about the Pipeline and Hazardous Materials Safety Administration, and the regulations governing the transportation of Hazardous Materials. The presentation includes a brief introduction to the Hazardous Materials Emergency Preparedness Grant and how it may be used.

**Jack Whitley** is a Transportation Specialist with the U.S. Department of Transportation, Pipeline and Hazardous Material Safety Administration. Mr. Whitley is the Hazardous Materials Safety Assistance Team's Western Regional Coordinator. As a member of the Hazardous Material Safety Assistance team, Mr. Whitley is dedicated to providing hazardous materials education technical assistance and outreach throughout the nation.

**THURSDAY, OCTOBER 20, 2011 3:15 PM TO 4:05 PM**

### **Summaries and Biographies**

## CALIFORNIA STRATEGIC WATER PLANNING AND TRIBAL PARTICIPATION

SYCAMORE 6

This will be a panel discussion and status report on the ongoing activities of the Tribal Advisory Committee for the California Water Plan Update 2013. The California Department of Water Resources is the state lead agency for the Statewide Water Planning Program which is required by California law to update the Water Plan every five years. The Tribal AC provides Tribal input to this process, and will become the planning team for the next statewide Tribal Water Summit. The Tribal AC membership includes a number of Tribal Environmental Directors. Proceedings of the Summit will be incorporated into the final Water Plan Update 2013.

## PROTECTING CHILDREN'S ENVIRONMENTAL HEALTH IN TRIBAL COMMUNITIES

SYCAMORE 9

This 4-person workshop covers important, relevant topics in protecting children's environmental health in Indian Country/tribal communities including (i) Preventing Childhood Lead Poisoning; (ii) Asthma and the Environment; (iii) Ensuring Environmental Health for Children at Schools; (iv) Reducing Risks from Radon Hazards; and (v) Tips for Parents/Caregivers to Protect Children's Environmental Health. Information is prepared by four EPA Region 9 staff: Children's Environmental Health Coordinator Kathleen (Katie) Stewart; Indoor Air Program Coordinator Barbara Spark; Radon/Tools-for-Schools Coordinator Shelly Rosenblum; and Regional Asbestos-in-Schools Coordinator Ron Tsuchiya.

**Barbara Spark** has been EPA Region 9's Indoor Air Program Coordinator since 1992. She is a member of EPA's National Asthma Team and Allied Health member of the American Academy of Asthma, Allergy and Immunology. She pioneered awareness of the critical link between indoor mold exposures and asthma at EPA, lecturing widely on the relationship between molds and health. She facilitated development of the Arizona Native American Asthma Coalition, serving on its advisory group. As a result of her collaboration with Region 9's Administration for Children and Families, packets of EPA outreach materials on indoor environmental triggers for asthma went to 500 tribal contacts, tribal child care grantees and child care stakeholders. She recently created a resource list of on-line training opportunities on asthma for child care providers and a list of training opportunities on asthma triggers for health care professionals. Barbara is a member of the Office of Air Toxics, Radiation and Indoor Air in Region 9's Air Division.

**Shelly Rosenblum**, EPA Region 9's Radon Coordinator and Tool-for-School Program Coordinator, has worked at EPA for 22 years on indoor air quality and radiation related issues. The issues of radiation and indoor air quality merge when addressing radon, a radioactive indoor air pollutant. Shelly's radiation training from Mare Island Naval Shipyard and his biology and engineering education help him explain the complexities of radon and indoor air pollution – especially indoor air pollution in schools – to audiences including the public, school officials and maintenance staff, teachers, school nurses, and students. As Shelly notes: "The indoor environment is as fascinating and complex as the outdoor environ-



ment, but we spend 90% of our day indoors. The indoor environment is the human environment and should be studied by teachers and students of environmental science. Their first ecology field trip should be to their own school.” Shelly is a member of the Office of Air Toxics, Radiation and Indoor Air in Region 9’s Air Division.

**Kathleen “Katie” Stewart** is Children’s Environmental Health Coordinator at EPA Region 9. Katie has worked at EPA for eight years. In addition to children’s environmental health protection, Katie has experience in air permitting, air toxics, and indoor air. The fundamental goal of EPA’s Office of Children’s Health Protection is to ensure that all EPA actions and programs address the unique vulnerabilities of children. EPA’s children’s health-protection efforts are guided by Executive Order 13045, “Protection of Children from Environmental Health Risks and Safety Risks.” Katie is a member of the Toxics Office in Region 9’s Communities and Ecosystems Division.

**Ron Tsuchiya** has worked in EPA Region 9’s asbestos program for eight years. As the Regional Asbestos Coordinator, Ron is responsible for implementation of the Asbestos Hazard Emergency Response Act (AHERA). AHERA (Asbestos-in-Schools) requires that local education agencies (LEA) identify asbestos-containing building materials (ACBM) in their buildings, develop a management plan, and take appropriate actions to control the release of asbestos fibers. Ron conducts inspections at K-12 schools to ensure compliance with AHERA’s requirements including compliance inspections at schools in Indian Country owned or operated by Department of Interior’s Bureau of Indian Affairs/Bureau of Indian Education (BIA/BIE), and as needed, Ron develops enforcement cases for schools determined to be out of compliance with AHERA. Ron is a member of the Toxics Office in Region 9’s Communities and Ecosystems Division.

#### [GILA RIVER INDIAN COMMUNITY AIR QUALITY ENFORCEMENT CASE STUDY](#) SYCAMORE 8

The Gila River Indian Community (GRIC) would like to share its enforcement actions with other tribes in the Region to showcase our challenges and achievements using the tribe’s sovereign authority. The GRIC worked intensely with the USEPA to develop air quality regulations that protected the tribe’s health and welfare. The GRIC adopted the air quality regulations in 2006 and submitted the regulations to USEPA for federal delegation. While awaiting federal delegation from USEPA the GRIC was able to successfully take enforcement actions on three tenants within the Community’s boundaries. The case studies will review the regulations GRIC has in place, the complaints, the inspections, the NOVs, and the outcomes for each case.

**Will Antone III** is an enrolled member of the Gila River Indian Community and holds the position of Air Quality Specialist. Will has acquired an extensive amount of air quality knowledge and experience in his eight years under the air quality program. Will is responsible for compliance and enforcement activities under the Air Quality Management Plan. Will has worked intensely with the submittal of the Air Quality Management Plan, the most comprehensive in Indian country, to the USEPA for federal enforceability. The Air Quality Management Plan has earned the Community and the Air Quality Program national recognition with awards such as the 2008 Clean Air Excellence Award and most recently the 2010 Honoring Nations Award.

#### [EASY STEPS TO CONDUCTING A WASTE CHARACTERIZATION](#) SYCAMORE 4

The Tribal Solid Waste Team will carry out a workshop on how to conduct a waste characterization audit. This session will cover the three steps in performing a waste characterization.

**Charles Swanson** worked as an enforcement officer in the RCRA Enforcement program at the U.S. Environmental Protection Agency, Region 9 San Francisco office for 3 years before joining the Tribal Solid Waste Team within the Office of Pollution Prevention and Solid Waste. The Tribal Solid Waste Team works with the tribes and tribal organizations within the state of Arizona, California, and Nevada to develop sustainable and culturally appropriate solid waste management programs. Prior to his Waste Division work he worked in the Pesticide, Superfund Site Assessment, and Environmental Justice Programs.

ER HAZARD VULNERABILITY ANALYSIS, CALIFORNIA ANIMAL RESPONSE EMERGENCY SYSTEM (CARES), AND ER LEADERSHIP ROLES SYCAMORE 7

This will be a 3-tier Emergency Response topic session: Presentation on Hazard Vulnerability Analysis (HVA): What are the hazards your Tribe is susceptible to?; California Animal Response Emergency System (CARES): Importance of evacuation plan for pets and livestock; and Leadership Roles: What role do you have in a disaster?

**Mike Despain** is the Director EOPP in the Environmental Department for the Mechoopda Indian Tribe in Chico, California. Mike has extensive experience and knowledge in emergency management and resources.

**Alfreida Jake** is the Environmental Coordinator for the Elko Band Council of the Te-Moak Tribe of Western Shoshone Indians of Nevada. Alfreida is the Region 9 Emergency Response Tribal Work Group Leader and works with Tribal Nations for emergency preparedness in their communities.

LAKE COUNTY HINTHEL ENVIRONMENTAL RESOURCES CONSORTIUM (HERC) COLLABORATIVE PROJECT SYCAMORE 3

In 2009 the Lake County HERC Tribes received the Conner Bystewa Jr. Award for their outstanding environmental programs and collaborative environmental projects. The Tribes of Lake County, including the Pomo of Upper Lake Habematolel, Big Valley Rancheria, Robinson Rancheria Band of Pomo Indians, Middletown Rancheria and Scotts Valley Band of Pomo Indians, received USEPA General Assistance Program funding to develop a HERC Collaborative Project. In this presentation each HERC Tribe will provide a project summary and its relevance to how collaboration is key to accomplishing environmental protection beyond Tribal land boundaries. Several of the projects will also interrelate impacts of climate change.

**Irenia Quitiquit** established and directed the Robinson Rancheria Environmental Program from 1996-2003 and later served as the Tribal Coordinator for the California Bay Delta Authority (CBDA) from 2003-2006. Her role with CBDA involved working with California Indian governments, Indian organizations, and other tribal groups to identify communication needs and develop materials that inform tribal interests of CALFED water project-specific plans, projects, activities and their potential effects on Tribal trust resources and tribal government rights and concerns. Currently she is the Environmental Director for Scotts Valley Band of Pomo Indians providing capacity-building of their environmental programs such as, renewable energy, energy efficiency, environmental education outreach, GIS/GPS mapping, indoor air quality, environmental codes and ordinance compliance, and several environmental collaborative tribal projects working with local governmental agencies and environmental organizations on the Clear Lake Hitch (native fish habitat), and watershed restoration. Irenia was the recipient of the USEPA 2002 Conner Byestewa Award recognizing her efforts in strengthening tribal self-government and improving human health and the environment within Indian Country. She also received the 2002 USEPA Wastewise Award for her recycling program's efforts in reducing the waste stream of tribal offices, tribal homes, and tribal businesses. She was also a recipient of the 2009 Conner Byestewa Award for the Lake County Tribes (HERC) for their outstanding collaboration on local projects. Currently, she serves as a Board Trustee on the Sacramento River Watershed Program, is a member of the CALEPA Tribal Advisory Committee, and is Board President of the California Indian Environmental Alliance.

**Sarah Ryan**, Environmental Director, Big Valley Rancheria Band of Pomo Indians. Ms. Ryan has a Bachelor of Arts (BA) degree from the College of William and Mary in Williamsburg, Virginia. She has worked for the Tribe for 10 years and devoted quite a bit of time to researching, identifying and mitigating Tribal exposure to contaminants such as pesticide drift and contaminants in surface water bodies, especially Clear Lake. Ms. Ryan had the honor to serve two terms as an RTOC representative for the Central California Tribes. The Tribe's Environmental Department currently encompasses the following programs: 106, 319, GAP, BIA Water Resources, Department of Energy, Source Water Protection, Lead Baseline Assessment, Pesticide Monitoring and Network Environmental Information Exchange.

**Christina Marie Simon** (Chris) was appointed Director of the Middletown Rancheria Environmental De-

partment in October of 2000. Since then, Chris has served both tribe and earth in her watershed, the Upper Putah Creek, and her air basin, the Callayomi, both located in Middletown California where she has lived for over 50 years. While employed with Middletown Rancheria and of Pomo Indians, Chris has worked with such entities as Tribal Council, County of Lake, Lake County Area Plan Committee, and other entities related to her land, air, water. Chris is a founder of the Hinthil Environmental Resource Consortium, which was formed during the precedence setting lawsuit against Lake County and owners of a local vineyard for violations of the California Environmental Quality Act and the Unfair Business Practiced Act. Chris earned her degree from Sonoma State University and holds a bachelor's degree in Environmental Studies and Native American Studies.

**Paula Britton** is the Environmental Director for the Habematolel Pomo of Upper Lake.

**YUROK TRIBE ENVIRONMENTAL JUSTICE AND CLIMATE CHANGE: YUROK TRIBE CLIMATE CHANGE PRIORITIZATION PROJECT** **SYCAMORE 5**

The Yurok Tribe Environmental Program (YETP) has successfully obtained a 1-year Environmental Justice Grant from USEPA to develop staff capacity on Climate Change science and policy, adaptation and mitigation planning for the Yurok Tribe. This presentation will summarize the process, the EJ issues related to Climate Change as identified by the Tribe and tribal membership, and the development of a Yurok Tribe Climate Change Prioritization Plan to help guide the Tribe's future planning and funding efforts to respond to Climate Change impacts.

**Kathleen Sloan** is the Environmental Director for the Yurok Tribe. She has a PhD in Environmental Science and has worked for the Yurok Tribe for 8 years, 7 with the Environmental Program, and 3 as Environmental Program Director. Dr. Sloan serves as the Principal Investigator on a number of environmental grants for the Yurok Tribe.

**SOLID WASTE RECYCLING CENTER/TRANSFER STATION TOUR AND PANEL DISCUSSION**

**Meet in front of Hotel Lobby. Tour leaves at 4:15 P.M.**

**John Mosley** has been the Environmental Director for the Pyramid Lake Paiute Tribe for 3 years. In that capacity he has dealt with a variety of solid waste issues from fee enforcement, code development, transfer station operations and management, and offering alternative solid waste services such as curbside pickup and removal. John has a Bachelor of Science degree from the University of Nevada, Reno in Environmental and Natural Resources Sciences and has been a Nevada resident for over 30 years. He is a member of the Fallon Paiute-Shoshone Tribe and is Shoshone, Paiute, and Oglala Lakota.

**Rob Roy** has been the Environmental Director for La Jolla for 7 years and has worked for the Tribe for 9 years. He holds a professional certification in GIS from Mesa College in San Diego and previously worked for the City of San Diego Environmental Services Department conducting GIS based mapping and routing projects. Rob has extensive experience in environmental management including solid waste programs water quality monitoring, biological surveys, program management, collaborative projects, and grant writing.

**Jeff Stoker** has been the Supervisor of the Pala Band of Mission Indians' transfer station for over 3 years. Before coming to Pala, Jeff was a forklift operator and supervisor of shipping/receiving and production teardown, and all operations for Amandi Recycling Center. Prior to that Jeff worked 30 years for Sony Corporation of America, supervising two crews in shipping, receiving, and production support.

**Brian Bahari** is the Environmental Director for the Cahuilla Band of Mission Indians.

Summaries and Biographies

INFRASTRUCTURE PANEL DISCUSSION

SYCAMORE 6

Infrastructure Panel Presentation from various federal agencies to discuss funding sources available for tribal infrastructure projects and presentation of successful tribal projects from each Agency: USEPA Region 9, California Area Indian Health Service, USDA Rural Development.

**Janice L. Waddell** is the Community Programs Director for USDA Rural Development in California. She has served in this capacity since 1996. She is responsible for the administration of the Water and Waste Disposal Loan and Grant Program and the Community Facilities Programs of USDA Rural Development. Since 1996, these programs have funded projects for California rural communities and tribal nations totaling nearly \$1.1 billion. The purpose of the water and waste program is to develop water and waste disposal systems in rural areas with a population not in excess of 10,000. The funds are available to public bodies, non-profit corporations and Indian tribes. Funds can be used for construction, land acquisition, legal fees, engineering fees, capitalized interest, equipment, initial operation and maintenance costs, project contingencies, and any other cost that is determined by Rural Development to be necessary for the completion of the project. Projects must be primarily for the benefit of rural users. Community Programs can make and guarantee loans and provide grant funds to develop essential community facilities in rural areas to 20,000 in population. Loans and guarantees are available to public entities such as municipalities, counties, and special-purpose districts, as well as to non-profit corporations and tribal governments. Eligible purposes include public safety, healthcare, education, and government facilities.

**Capt. Donald Brafford**, P.E., a member of the Oglala Sioux Tribe, South Dakota, is the Director of the Sanitation Facilities Construction Program for the California Area Indian Health Service (IHS). In 1980, Capt. Brafford was a recipient of the IHS P.L. 94-437 Scholarship to study Civil Engineering at California State University, Sacramento. After graduation, Capt. Brafford entered into the U.S. Public Health Service. Capt. Brafford has worked for the IHS for 32 years in five IHS Area locations. In 1997, Capt. Brafford received his Master's Degree in Civil Engineering.

**Leslie Cleveland** has worked in a variety of positions in the Federal government for the last 26 years. Prior to joining Reclamation in 2001, Ms. Cleveland worked for the Department of Defense as an Assistant Project and Operations Officer. Currently, she is a Water Resources Manager with the Bureau of Reclamation in the Southern California Area Office (SCAO) located in Temecula, California. As the Program Manager for the SCAO Native American Affairs Program, Ms. Cleveland oversees a program that has 31 tribes in the SCAO jurisdiction. This area covers Ventura County down to the Mexico Border and includes the majority of California's urban population. She is experienced in managing a variety of regional and local planning projects. Many of these projects involve the use of potable and recycled water, storm water augmentation, conjunctive use management, drought management planning, water resources management, and watershed restoration planning.

**Debbie Broermann** is a native Phoenician and earned her undergraduate and Master's degrees in Business Administration from Arizona State University. She has an extensive and diverse 28-year public-private sector background in commercial lending, small business finance, international trade and export finance, investments, public and Native American affordable housing, low-income housing tax credit development and compliance, bond financing, and community and economic development. Debbie joined HUD in 2002 as Division Director for HUD's Southwest Office of Native American Programs Grants Management Division overseeing a staff of 17 professionals. She currently serves as liaison and representative in promoting HUD's programs and services, providing outreach, and fostering collaborative partnerships to encourage and enhance delivery of over \$320 million in annual affordable housing and community development funding to Native Americans, Tribes, and tribal entities and organizations

throughout Arizona, California, New Mexico, Nevada & Texas.

### HYDRAULIC FRACTURING AND WHY INDIAN COUNTRY SHOULD BE CONCERNED

SYCAMORE 9

Fracking involves shooting millions of gallons of water deep underground to release trapped gas. More than 1,000 cases have been documented regarding groundwater contamination through the leaking of fracking fluids, or by above ground spills from fracking operations. Rivers and lakes are being contaminated due to the release of insufficiently treated wastewater recovered from fracking operations. As a result, drinking water used by Indian tribes may already be contaminated by fracking, thereby endangering the health and welfare of Indian Country. Audience participants will learn about fracking, its health and environmental impacts, what the EPA is doing to address these impacts, and the ways that these impacts might be controlled.

**Bob Gruenig** has worked closely with Indian Tribes since 2000, having worked for the Indian Country Environmental Justice Clinic at Vermont Law School, the National Tribal Environmental Council, and now Stetson Law Offices, a law firm that limits its practice primarily to the representation of Indian Tribes, Tribal entities, and Tribal corporations. Among the services that Bob and his firm provide are the analysis of jurisdictional issues related to environmental regulation; acquiring treatment-as-a-state for implementing and managing tribal environmental programs; preparation of environmental codes and regulations; and permitting and compliance issues.

### A TALE OF TWO PM<sub>10</sub> MONITORING SITES AND THE EVAPORATING DATA – HOW I LEARNED TO ENTER DATA INTO AQS AND LIKE QAPP

SYCAMORE 8

The Pyramid Lake Paiute Tribe has monitored PM<sub>10</sub> Air Quality and meteorological parameters since 2003. For various reasons common to many tribes both stations stopped functioning. This is the story of 1) figuring out how to get the monitoring stations running again; 2) Updating a QAPP too soon, but also too late; 3) choosing how to handle the data: retrieve, store, and validate its accuracy; and 4) Learning and using the feared EPA AQS database. It turned out the data entry was the easiest part of the puzzle.

**Donna Lamb** has worked with the Pyramid Lake Paiute Tribe for two years. She retired as the National Program manager for Air Quality for the Forest Service. She led the regional haze program for the agency. She has also worked as an air pollution consultant in private industry doing monitoring and data analysis for various industries. She has worked in air quality since 1975. She has a BA in Geophysics and an MS in Atmospheric Sciences.

### RECYCLING ON THE WHITE MOUNTAIN APACHE TRIBE RESERVATION

SYCAMORE 4

This session will cover the recycling efforts of the White Mountain Apache Tribe. This presentation is used as an informational presentation to groups, individuals and departments, also presented to the Inter-tribal Council of Arizona, Tribal Solid Waste Working Group. This covers different types of plastic, papers, aluminum, e-waste, and where funds were provided from current and future projects. Youth education information is also provided to the audience during the presentation.

**Terry Hill** has been employed as the Environmental Specialist for the White Mountain Apache Tribe for 3½ years. He received his Associates Degree in Environmental Science from Southwest Indian Polytechnic Institute. He previously worked as a Water Treatment Plant Operator for the Salt River Pima Maricopa Community and Water Technician for the White Mountain Apache Tribe Utility Authority. Along with the other duties assigned, he is the Recycling Program Coordinator. He continues to educate tribal members, from youth to adults, about the benefits of recycling.

### RADIOLOGICAL PLANNING AND TRAINING ASSISTANCE

SYCAMORE 7

This session will give participants an overview of the U.S. Department of Energy (DOE) Transportation Emergency Preparedness Program (TEPP). TEPP is designed to address concerns about the shipment

of and response to transportation accidents involving radioactive material. TEPP supports emergency managers and responders at all levels of government with planning tools, such as model response procedures, and with radiological training targeted at first responders.

**Marsha Keister** has been with the Idaho National Laboratory for 21 years supporting Department of Energy (DOE) programs including: Transportation Emergency Preparedness, National Spent Nuclear Fuel and the Office of Civilian Radioactive Waste Management. She provides radiological material emergency response transportation training and technical assistance to States and Tribes along DOE's transportation corridors.

### WHY AND HOW SHOULD I CONDUCT BIOASSESSMENT

SYCAMORE 3

Participants will be able to learn about the importance of conducting bioassessment of benthic macroinvertebrates as part of a comprehensive water quality and management program. Topics to be covered include an introduction to the following: Concepts of Freshwater Ecological Assessments; Sampling Biotic Communities in Rivers and Streams; Physical/Habitat Assessments for Water Quality Projects; Family-Level Taxonomic Identification of Freshwater Invertebrates; Interpreting Biological Metrics; and Current Topics on the Use of Freshwater Ecological Assessments in Water Quality Regulation.

**Jim Harrington** is a Staff Environmental Scientist for the California Department of Fish and Game. Jim received his B.S. degree in Fisheries and M.S. degree in Watershed Management from Humboldt State University in Arcata, California. He has worked for DFG since 1987 and for CDFG's Water Pollution Control Laboratory since 1991. His duties include investigating biological effects of toxic spills, designing water quality monitoring projects for DFG and various government agencies and supporting CDFG's regional water quality biologists. Jim established CDFG's Aquatic Bioassessment Laboratory (ABL) in 1993 and since then has led the development of ecological assessment techniques in California and participates on several U.S. EPA workgroups.

### LEADERSHIP, COMMUNICATION, AND STRATEGIC PLANNING FOR TRIBAL ENVIRONMENTAL PROFESSIONALS

SYCAMORE 5

Ongoing development of leadership, communication, and strategic planning skills are essential for maximizing success in the environmental field. These skills are especially important for tribal environmental professionals who often address a range of scientific, economic, political, and social issues on a daily basis. Effectively implementing tribal projects and programs requires short term and long term planning, communicating with a diverse set of stakeholders, and leading everyone (including yourself), to optimal results. This session will provide a blueprint for improving communication methods, conducting strategic planning, and ongoing leadership development in the context of tribal environmental issues. It is appropriate for all focus areas.

**Josh Simmons** is the Environmental Director for the Santa Ynez Band of Chumash Indians. He has overseen the development and implementation of many successful tribal environmental initiatives since 2007. Josh instructs Code Development, Grant Writing, and Tribal Environmental Law and Management classes for various organizations. He is currently working on an Environmental Leadership book and companion graduate course that he plans to teach at UCSB. His educational background includes a Master's of Environmental Science from the UCSB Bren School (2008), a J.D. from the University of San Diego School of Law, and a B.A. in Environmental Science from Assumption University. Josh is also a licensed California attorney.

FRIDAY, OCTOBER 21, 2011 10:45 AM TO 11:35 AM

### Summaries and Biographies

#### MANAGING FOR ECOSYSTEM FUNCTIONS TO IMPROVE WATER QUALITY

SYCAMORE 6

Groundwater aquifer recharge is addressed by using wetland riparian restoration, and/or artificial in-channel arroyo groundwater recharge methods. This project focuses on the efficacy of current best management practices (BMPs) for surface waters in recharging groundwater aquifers and in creating secondary benefits. Although current BMPs are primarily directed at aquifer recharge, various surface phenomena (e.g., increased vegetation) and benefits (wildlife habitat) need to be explored in order to understand how best to address on-site multiple use opportunities. There is a need to understand the roles of surface sites, natural drainages, and water supply to guide selection of future wetland restoration and groundwater recharge.

**Juanita Francis-Begay** is Maternally from Naschitti, NM and Paternally from Chinle, AZ. She grew up in Chinle, AZ. Juanita studied Chemistry and Biology as an undergraduate at Northern Arizona University in Flagstaff then received an MS in Environmental Engineering from the University of Arizona in Tucson. She is currently a PhD student in Watershed Management and Ecohydrology in the School of Natural Resources at the University of Arizona, and working for the USEPA office of Research & Development, Landscape Ecology.

#### NAEPC's TRIBAL STORIES OF SOLID WASTE—VIDEO PRESENTATION

SYCAMORE 9

This is a video produced by the Native American Environmental Protection Coalition (NAEPC) and funded by the San Diego Foundation for the purposes of sharing tribal stories about solid waste. Tribal Leaders and staff from Southern California share their concerns about solid waste on their reservations. You will see and hear about reservation lands that have been treated like private dumping ground by suburban neighborhoods and how local state and county roads have also made trashful impacts to tribal lands. You will learn the innovative ways tribes are dealing with solid waste and their top priority to protect water quality. Come and learn the rest of their stories.

**Jill Sherman-Warne** is the Executive Director of the Native American Environmental Protection Coalition (NAEPC).

#### CONTINUED DEVELOPMENT OF A SOURCE WATER ASSESSMENT PROGRAM FOR THE TRINITY RIVER USING GIS AND DIGITAL PHOTOS

SYCAMORE 8

This project is the results of four years of development using GIS and digital photos in combination with extensive field surveys to document, record and analyze the potential threats of contaminant sources within the watershed of the Trinity River. The purpose of this project is to help protect the primary drinking water source of the Hoopa Valley Tribe through coordination of multiple stakeholders for the development of a source water protection plan.

**Curtis Miller** has been working for the Hoopa Valley Tribal EPA for 11 years and is also responsible for the Tribe's air quality program, recycling program and renewable energy development. Miller is a two-time graduate from Humboldt State University with a B.S. in Wildlife Management and M.S. in Environmental Systems (water quality, energy and sustainable community development).

#### THE CHUMASH BIOFUEL PROGRAM: A LOCAL SOURCE OF FUEL

SYCAMORE 4

Petroleum based fuels are expensive. Diesel #2 is hovering around \$4.50 per gallon in CA right now and is only getting more expensive. Most alternative fuel vehicles are small passenger type cars (i.e. Toyota Prius or Nissan Leaf) and there are few options available for those in need of a more powerful commercial vehicle or work truck. The Chumash BioFuel Program explores an alternative option that

addresses this need. Waste Vegetable Oil (WVO), or used cooking oil, can be used as a fuel in most diesel engine vehicles with minimal processing and only moderate modifications to the vehicles. Indian Reservations that operate restaurants have a ready supply of WVO and a BioFuel Program of their own can be implemented with relative ease.

**Jesse Patterson** has been the Environmental Management Specialist for the Santa Ynez Chumash Environmental Office (SYCEO) since 2008. He is currently working on programs related to wildlife and natural resources management, solid waste management, alternative fuels, sustainable landscaping, habitat restoration and endangered species. The driving focus for all of his work is a desire to create sustainable practices for communities, businesses, and individuals by utilizing local resources. Prior to working for the SYCEO Jesse was a marine research technician and boat captain for the University of California, Santa Barbara.

### RADIOACTIVE MATERIALS RESPONSE SIMPLIFIED

SYCAMORE 7

Radioactive materials have become an integral part of our lives and are transported everyday for use in energy, medicine, agriculture and industry. As the use of radioactive material increases so does the possibility that responders, public officials, hospitals, etc. will encounter a transportation incident involving those materials. This presentation covers topics such as: radioactive materials basics; biological effects; radioactive materials packaging; decontamination; and hazard recognition. The overview will help responders understand skills and knowledge needed to protect themselves, the public and the environment while responding safely and effectively to incidents involving radioactive material.

**Marsha Keister** has been with the Idaho National Laboratory for 21 years supporting Department of Energy (DOE) programs including: Transportation Emergency Preparedness, National Spent Nuclear Fuel and the Office of Civilian Radioactive Waste Management. She provides radiological material emergency response transportation training and technical assistance to States and Tribes along DOE's transportation corridors.

### TRIBAL SCIENCE PRIORITIES

SYCAMORE 5

This session will discuss climate change and integration of tribal ecological knowledge in environmental science policy and decision-making.

**Theodore Coopwood**, US EPA, Children's Health Program



**19TH ANNUAL REGION 9  
TRIBAL EPA CONFERENCE  
OCTOBER 19-21, 2011**

**THANK YOU!**

**Events such as this do not happen without the hard work and cooperation of many people. We offer our gratitude to the following groups and individuals, whose assistance was vital to our success.**

**Pala Band of Mission Indians Executive Committee: Robert Smith, Chairman; Leroy Miranda, Vice-Chairman; Theresa Nieto; Treasurer; Kilma Lattin, Secretary; Dion Perez, Councilmember; Ann Trujillo, Councilmember**

**Pala Environmental Protection Agency Staff: Shasta Gaughen, Rodney Watkins, Rose Bolton, Heidi Brow, Frank Spurgeon, Jesse Castro, Irene Frantz**

**Pala Administration staff**

**US EPA Region 9 Conference Committee: Veronica Swann, Destinee Cooper, Morena Villanueva, Gilbert Pascua, Tim Grant**

**US EPA Region 9 Staff**

**ROTC Conference Committee**

**Pala Casino, Resort, and Spa events team**

**Lori Gilbert Kaye, Pro Specialties Group**

**David Bernie, conference logo and graphic design**

**Soboba Band of Mission Indians**

**Navajo Nation**

**Our apologies to anybody we missed. You are all appreciated!**







