

2019 Navajo Sustainability Symposium: Nahasdzáán dóó Yádiłhił (Mother Earth Father Sky)

Development that meets the needs of the present without compromising the ability of future generations to meet their own needs –Bruntland Report, 1987

High Country Conference Center, Flagstaff, AZ
April 29, 2019 - May 1, 2019

A G E N D A

Monday, April 29, 2019

	Humphreys	Agassiz	Fremont	Doyle	Rees	Drury O’Leary
7:00-8:00am	REGISTRATION & CONTINENTAL BREAKFAST - Main Corridor *On-going Registration until 4:00pm*					
8:00-8:45am	GENERAL SESSION Mistress of Ceremony: LaShawna Tso, Chief of Staff, Office of the Speaker Posting of Colors: Birdsprings Veterans Organization Invocation: Emmett Kerley, Cameron Chapter & Commissioner, Commission on Navajo Government Development Welcome Address: Edward K. Dee, Executive Director, Office of Navajo Government Development					
8:45-9:15am	The Future of Navajo Nation Address: Honorable Jonathan Nez, President, Navajo Nation					
9:15-10:15am	Keynote Speaker: Paul Hawken, Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming					
10:15-10:30	BREAK					
10:30-11:45am	Special Guest Speaker: John Cataldi, Managing Partner, Native American Venture Fund (NAVF): How to Hire 5,000 Navajos, the Future State In Navajo Sustainability, Economic, and Workforce Development					
11:45am-12:45pm	LUNCH (Provided) LUNCH KEYNOTE: Honorable Council Delegate Jamie Henio, 24 th Navajo Nation Council					
1:05–2:20pm	Electric Vehicle (EV) Infrastructure & Tesla Road Trip Across all 21 Tribes in Arizona, John Martinson, Natural Capitalist & Executive Master of Sustainability Leadership, Arizona State University’s School of Sustainability	Small Energy Big Future Ned McMahon, CEO/Founder PrimoWind	The Renewable Energy Transition: Local and Global Perspectives Dr. Paul Hirt, School of Historical, Philosophical and Religious Studies Senior Sustainability Scholar, Global Institute of Sustainability, ASU	Sustainability & Indigenous Planning Dr. Theodore Jojola, Indigenous Design + Planning Institute, University of New Mexico	Diné Philosophy, Lifeway & Language in Sustainability Avery Denny, Diné College, Tsaile, AZ	Finding Ways to Balance Human Livelihoods and Environmental Well-being with Tourism Dr. Aireona Bonnie Raschke, Arizona State University
2:20–2:35pm	PM BREAK					

2:35–3:50pm	Electric Vehicle (EV) Infrastructure & Tesla Road Trip Across all 21 Tribes in Arizona, John Martinson, Natural Capitalist & Executive Master of Sustainability Leadership, Arizona State University's School of Sustainability	200 Million Reasons for Navajo to Embrace Climate Change, John Cataldi, Managing Partner, Native American Venture Fund	The Renewable Energy Transition: Local and Global Perspectives Dr. Paul Hirt, School of Historical, Philosophical and Religious Studies Senior Sustainability Scholar, Global Institute of Sustainability, ASU	Sustainability & Indigenous Planning Theodore Jojola, Indigenous Design + Planning Institute, University of New Mexico	Diné Philosophy, Lifeway & Language in Sustainability Avery Denny, Diné College, Tsaile, AZ	Finding Ways to Balance Human Livelihoods and Environmental Well-being with Tourism Dr. Aireona Bonnie Raschke, Arizona State University
3:50–5:05pm	Resilient Community Planning Through Geodesign: Empowering Communities to Plan for a Sustainable Future Dr. David Pijawka & Jonathan Davis, School of Geographical Sciences & Urban Planning, ASU	Nation Building & NetZero Energy Architecture Dr. John Murray, Diné College	Tribes and Climate Change Program Nikki Cooley, Co-Manager & Leanna Begay, ITEP at Northern Arizona University	Resources for Tribal Communities in AZ: Recycling & Brownfield- J.B. Shaw Travis Barnum & AZ Dept. of Environmental Quality, Phoenix, AZ	Sustainable Cultural Views on Changes in the Past, Present, and Future, by Max Goldtooth, Jr.	Attitudes Towards The Independence Of The Navajo Nation, by Brenda Loritz, Sustainable Communities, Northern Arizona University

Tuesday, April 30, 2019

	Humphreys	Agassiz	Fremont	Doyle	Rees	Drury O'Leary
7:00-8:00am	REGISTRATION & CONTINENTAL BREAKFAST - Main Corridor *Ongoing registration until 1:00pm*					
8:00-8:45am	GENERAL SESSION Master of Ceremony: Walter Phelps (23 rd Navajo Nation Council Delegate), Leupp, AZ Invocation: Anslem Morgan, Smith Lake Chapter & Commissioner, Commission on Navajo Government Development Guest Speaker: Honorable Seth Damon, Speaker, The 24 th Navajo Nation Council					
8:45-9:30am	The Light Up Navajo initiative: To expedite electrification projects in the Navajo Nation, the American Public Power Association in partnership with the Navajo Tribal Utility Authority (NTUA) has launched the Light Up Navajo initiative, by Ms. Deenise Becenti, Public Relations and co-presenters, NTUA and Michael Hyland, Senior Vice President, Engineering Services, American Public Power Association					
9:30-10:15am	PLENARY Keynote: Dr. Daniel M. Kammen, Energy and Resources Group (ERG Chair), Professor of Energy at the University of California, Berkeley – Science and Technology policy focused on energy, development and environmental management: linkage between energy, health, and the environment					
10:15-10:30am	BREAK					
10:30-11:00am	Financing Renewable Energy, by Kelly Skalicky CLFP, CEO & President, Stearns Bank, Minnesota-based Stearns Bank National Association, an independently-owned financial institution that lends Nation-wide					
11:00am-12:00pm	PANEL DISCUSSION ON RENEWABLE ENERGY TRANSITION					

	MODERATOR: Ms. Rebecca Kauffman, Strategic Energy Manager, Navajo Nation Division of Natural Resources PANELIST: Dr. David M. Kammen, Professor of Energy at the University of California, Berkeley Dr. Len Necefer, Assistant Professor, joint appointments with the American Indian Studies program & the Udall Center for Public Policy, University of Arizona Mr. Karl Gates, Research Editor, Institute for Energy Economics and Financial Analysis (IEEFA) Ms. Kelly Skalicky CLFP, CEO & President, Stearns Bank					
12:00-12:55pm	LUNCH (Provided) ENTERTAINMENT: Joe Tohonnie & the Apache Crown Dancers, San Carlos Apache Indian Reservation, San Carlos, AZ					
1:05-5:05pm Tuesday & Wednesday	Education and Workforce Development for Microgrids and a Modernized Grid for Key Navajo Nation leaders and Managers (Limited to 30 participants). An interactive in-class topics including microgrid design types and use cases, financials, stakeholders and value propositions, regulation, etc., then moving into a day of hands-on interaction: Nathan Johnson, PhD, Director, Laboratory for Energy And Power Solutions (LEAPS), Ira A. Fulton Schools of Engineering, ASU. Presentation by: Dr. Nathan Johnson, Alexander Mobley, and Cody Van Cleve, the Polytechnic School, Ira A. Fulton Schools of Engineering (Drury McMillan Room)					
1:05-2:20pm	Human Rights and Sustainability Dr. LaDawn Haglund, Faculty of Justice and Social Inquiry and Center for Law and Global Affairs, Sandra Day O'Connor College of Law, Arizona State University	AudaCITY: Setting audacious sustainability goals and developing just pathways to make them a reality Dr. Lauren Withycombe Keeler & Jennifer Richter, School for the Future of Innovation in Society, ASU	NN-ASU-NAU MOA on Utility Scale Renewables Kris Mayes, Maren Mahoney, ASU & Karin Wadsack and Carson Pete, NAU	One Health Initiative: Interdisciplinary collaborations and communications in all aspects of health care for humans, animals and the environment Gilbert John, PhD (Diné) and Karen John, Colorado State University	Renewable Energy Can Be Beautiful Elizabeth Monoian & Robert Ferry, Founding Co-Directors, Land Art Generating Initiative	Sustainability Governance Systems Thinking and Institutional Fit Dr. Michael Schoon, School of Sustainability, ASU
2:20-2:35pm	PM BREAK					
2:35-3:50pm	Human Rights and Sustainability Dr. LaDawn Haglund, Faculty of Justice and Social Inquiry and Center for Law and Global Affairs, Sandra Day O'Connor College of Law	Youth Empowerment in Environmental Activism, by Piper Christian and Keely Toledo (Diné), University of Utah	NN-ASU-NAU MOA on Utility Scale Renewables Kris Mayes, Maren Mahoney, ASU & Karin Wadsack and Carson Pete, NAU	Testing a Pathway towards Sustainability at the Navajo Nation Gaming Enterprise, by Samantha Zah, Project Lead, ASU Masters of Sustainable Solutions, Tasha Preston, Bachelors in Architecture at UNM, Dalphianna Prettysongs, Bachelors in Business Management at ASU, Tristan Swatts, Bachelors in	Renewable Energy Can Be Beautiful Elizabeth Monoian & Robert Ferry, Founding Co-Directors, Land Art Generating Initiative	Renewable Energy Transition Len Necefer, Assistant Professor, PhD (Diné), American Indian Studies program & the Udall Center for Public Policy, University of Arizona

				Biomedical Science at NAU and Reaenna Bahe, Bachelors in Design Studies at ASU		
3:50-5:05pm	Sustainability in Construction for Indian Country, by Marcus Denetdale, Program Manager, School of Sustainable Engineering and the Built Environment, Arizona State University	Navajo Energy Ethics & the Transition to Solar, my Jacob Bethem, PhD Graduand, School of Sustainability, Arizona State University	An Institutional Model of Sustainability Bonnie Christiansen & Alice Mulder, Sustainability Practices and Research Center, and Mark A. Stevenson, Assistant Professor Department of Sociology & Anthropology, Weber State University	Testing a Pathway towards Sustainability at the Navajo Nation Gaming Enterprise, by Samantha Zah, Project Lead, ASU Masters of Sustainable Solutions, Tasha Preston, Bachelors in Architecture at UNM, Dalphianna Prettysongs, Bachelors in Business Management at ASU, Tristan Swatts, Bachelors in Biomedical Science at NAU and Reaenna Bahe, Bachelors in Design Studies at ASU	Indigenous Design and Planning for Tribal Nations Jan Tifrea and Cheyenne Moore, Indigenous Design Studio + Architecture, LLC	Sustainable Economy Models on Outdoor Industry: The next opportunity for the Navajo Nation? The \$887 Billion Dollar Question Dr. Len Necefer and Aaron Mike, Owner of Pangea Mountain Guides & NativesOutdoors Athlete

Wednesday, May 1, 2019

	Humphreys	Agassiz	Fremont	Doyle	Rees	Drury O'Leary
7:30-9:00am	CONTINENTAL BREAKFAST - Main Corridor *Registration Closed*					
8:00-9:00am	GENERAL SESSION Master of Ceremony: Mr. Tom Chee (23 rd Navajo Nation Council), Shiprock, NM Keynote Speaker: Honorable JoAnn Jayne, Chief Justice, Navajo Nation Supreme Court					
8:45-10:15am	Screening: "The Rights of Nature: A Global Movement" by Hal Crimmel, Weber State University, co-director Issac Goeckeritz and Val Berros (Will Skype in)					
10:15-10:30am	BREAK					
10:30am-4:00pm	Education and Workforce Development for Microgrids and a Modernized Grid for Key Navajo Nation leaders and Managers (Limited to 30 participants). An interactive in-class topics including microgrid design types and use cases, financials, stakeholders and value propositions, regulation, etc., then moving into a day of hands-on interaction: Nathan Johnson, PhD, Director, Laboratory for Energy And Power Solutions (LEAPS), Ira A. Fulton Schools of Engineering, ASU. Presentation by: Dr. Nathan Johnson, Alexander Mobley, Cody Van Cleve, the Polytechnic School, Ira A. Fulton Schools of Engineering (Drury McMillan Room)					

10:30-11:45am	Renewable Energy Investment Glenn Steiger, Project Manager, Navajo Tribal Utility Authority	The Effects of Sustainability as Positive Attribute on Equine Therapy Design Dr. Rudy Shebala, Executive Director, Division of Natural Resources, Navajo Nation	An Intuitional Model of Sustainability Bonnie Christiansen & Alice Mulder, Sustainability Practices and Research Center, and Mark A. Stevenson, Assistant Professor Department of Sociology & Anthropology, Weber State University	The Power of Social Impact & Storytelling: A Tale of What Could Be for First Nations Alycia de Mesa, ASU School of Sustainability	Food Sovereignty & Sustainability Audre Etsitty, Diné College Land Grant Office	Sustainability and Internal Audit: Understanding Sustainable Performance, by Karen Briscoe, Principal Auditor & Dewayne Crank, Associate Auditor, Office of the Auditor General
12:00-1:05pm	LUNCH (Provided) LUNCH MOTIVATIONAL SPEAKER: Ms. Autumn J. Montoya, Miss Navajo Nation 2018-2019					
1:05-2:20pm	Renewable Energy Investment Glenn Steiger, Project Manager, Navajo Tribal Utility Authority	Water is Life: If you manage land and water you will achieve sustainability, by Fred Johnson, Navajo Environmental Protection Agency Water Quality/NPDES Program	Citizens' Climate Lobby Shawn Newell Co-Group Leader, Flagstaff	Navajo Nation proposed Sustainability Practices and Policy, Edward Dee, Executive Director, Office of Navajo Government Development	Food Sovereignty & Sustainability Audre Etsitty, Diné College Land Grant Office	Sustainability and Internal Audit: Understanding Sustainable Performance Helen Brown, Principal Auditor, Karen Briscoe, Principal Auditor & Dewayne Crank, Associate Auditor, Office of the Auditor General
2:30-4:00pm	Closing Session: Take Away and Anticipate a Transition The 3 R's concept: Relevant, Realistic, and Refined Moderator: Edward Dee, Executive Director, Office of Navajo Government Development Relevant - Identify which elements of a session are applicable to your company and, more importantly, its resources Realistic - Don't envision the ends without first considering the means Refined - Consider the strengths and capabilities of your team – Navajo Nation and Chapter Government and tailor acquire knowledge as new strategies and tactics around them					
4:15pm	Retrieving the Colors: Birdsprings Veterans Organization					