

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

Monday, April 29, 2019

	Humphreys	Agassiz	Fremont	Doyle	Rees	Drury O’Leary
7:00am – 8:00am	REGISTRATION & CONTINENTAL BREAKFAST - Main Corridor *On-going Registration until 4:00pm*					
8:00am – 11:55pm	GENERAL SESSION Mistress of Ceremony: LaShawna Tso, Chief of Staff – Office of the Speaker Posting of Colors: Birdsprings Veterans Organization Invocation/Traditional Song: Rita Gilmore, Chinle, AZ Welcome Address: Edward Dee, Executive Director, Office of Navajo Government Development Keynote speaker: Paul Hawken, Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming Honorable Jonathan Nez, President, Navajo Nation Commission Address: Dr. Henry Fowler, Vice Chairman, Commission on Navajo Government Development					
11:00am – 1:00pm	LUNCH (Provided) LUNCH KEYNOTE: Honorable Council Delegate Jamie Henio, 24 th Navajo Nation Council					
1:00pm – 2:15pm	Sustainability, Resilience & Shocks- Dr. Ryan Johnson, ASU	Nation Building & Net Zero Energy Architecture- Dr. John Murray, Diné College	The Renewable Energy Transition: Local and Global Perspectives- Dr. Paul Hirt, ASU	Sustainability & Indigenous Planning- Dr. Theodore Jojola, Indigenous Planning + Planning Institute, UNM	Resources for Tribal Communities in AZ: Recycling & Brownfield- J.B. Shaw, Travis Barnum & AZ Dept. of Environmental Quality, Phoenix, AZ	Finding Ways to Balance Human Livelihoods and Environmental Well-being with Tourism- Dr. Aireona Bonnie Raschke, ASU
2:15pm – 2:30pm	PM BREAK					

2:30pm – 3:45pm	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	National Building & Net Zero Energy Architecture- Dr. John Murray, Diné College	The Renewable Energy Transition: Local and Global Perspectives- Dr. Paul Hirt, ASU	Sustainability & Indigenous Planning- Theodore Jojola, Indigenous Planning + Planning Institute, UNM	Resources for Tribal Communities in AZ: Recycling & Brownfield- J.B. Shaw, Travis Barnum & AZ Dept. of Environmental Quality, Phoenix, AZ	Finding Ways to Balance Human Livelihoods and Environmental Well-being with Tourism-- Dr. Aireona Bonnie Raschke, ASU
3:45pm – 5:00pm	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	National Building & Net Zero Energy Architecture- Dr. John Murray, Diné College	Tribes and Climate Change Program- Nikki Cooley, Co-Manager & Leanna Begay, ITEP at Northern Arizona University	Small Energy Big Future- Ned McMahon, CEO/ Founder PrimoWind	Diné Philosophy, Lifeway & Language in Sustainability- Avery Denny, Diné College	Diné Perspective on Climate Change- Dr. David Begay & Kenneth Maryboy

Tuesday, April 30, 2019

	Humphreys	Agassiz	Fremont	Doyle	Rees	Drury O'Leary
7:00am – 8:00am	REGISTRATION & CONTINENTAL BREAKFAST - Main Corridor *Ongoing registration until 1:00pm*					
8:00am – 10:15am	GENERAL SESSION Master of Ceremony: Walter Phelps, Leupp, AZ Invocation: Emmett Kerley, Commissioner – Commission on Navajo Government Development Hon. Seth Damon, Speaker – 24 th Navajo Nation Council Keynote Speaker: 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					

10:15am – 11:00am	PLENARY SESSION 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					
11:00am – 12:00pm	PANEL DISCUSSION ON RENEWABLE ENERGY TRANSITION PANELIST: David M. Kammen, Professor of Energy at the University of California, Berkeley Dr. Len Necefer, Assistant professor with joint appointments with the American Indian Studies program & the Udall Center for Public Policy Karl Cates, Research Editor, Institute for Energy Economics and Financial Analysis (IEEFA)					
12:00am – 1:00pm	LUNCH (Provided) ENTERTAINMENT: Joe Tohannie & Apache Crown Dancers					
1:00pm-5:00pm 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 Sam Janko, the Polytechnic School, Ira A. Fulton Schools of Engineering					
1:00pm – 2:15pm	Testing a Pathway towards Sustainability at the Navajo Nation Gaming Enterprise- Samantha Zah & Tasha Preston, Navajo Gaming Enterprise	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 & Karin, ASU Wadsack, and Carson Pete, NAU	Land Art Generating System: Renewable Energy Can Be Beautiful- Elizabeth Monoian & Robert Ferry, Founding Co-Directors	A Roadmap and Scenario Design for the Navajo Nation Future Energy Mix- Lindsay Holiday, Researcher, UC-Berkeley	Sustainability in the Business and Non-Profit Sectors & Cultural Heritage- Dr. Mark Stevenson, Weber State University
2:15pm – 2:30pm	PM BREAK					
2:30pm – 3:45pm	Testing a Pathway towards Sustainability at the Navajo Nation Gaming Enterprise- Samantha Zah, & Tasha Preston, Navajo Gaming Enterprise	Sustainable Communications & Storytelling- Alycia de Mesa, ASU School of Sustainability	An Intuitional Model of Sustainability- Bonnie Christensen & Alice Mulder, Sustainability Practices and Research Center, Weber State University	Food Sovereignty & Sustainability, Audre Etsitty, Diné College	Navajo Generating Station Transition to Renewable Energy Documentary- Shari Robertson & Michael Camerini	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

3:45pm – 5:00pm	Census 2020 Arbin Mitchell	Sustainable Communications & Storytelling- Alycia de Mesa, ASU School of Sustainability	An Intuitional Model of Sustainability- Bonnie Christensen & Alice Mulder, Sustainability Practices and Research Center, Weber State University	Food Sovereignty & Sustainability, Audre Etsitty, Diné College	Navajo Generating Station Transition to Renewable Energy Documentary- Shari Robertson & Michael Camerini	Sustainability and Internal Audit: Understanding Sustainable Performance- Helen Brown, Principal Auditor, Office of the Auditor General
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Wednesday, May 1, 2019

	Humphreys	Agassiz	Fremont	Doyle	Rees	Drury O'Leary
7:30am – 9:00am	CONTINENTAL BREAKFAST - Main Corridor *Registration Closed*					
8:00am – 12:00pm	GENERAL SESSION Master of Ceremony: Tom Chee, Shiprock, NM Keynote Speaker: Hon. JoAnn Jayne, Chief Justice – Navajo Nation Supreme Court Screening: “The Rights of Nature: A Global Movement” by Hal Crimmel, Weber State University, co-director (Skype co-directors and New Zealand Native Māori)					
10:00am – 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, and Sam Janko, the Polytechnic School, Ira A. Fulton Schools of Engineering					
11:55am – 1:00pm	LUNCH (Provided) LUNCH MOTIVATIONAL: Autumn J. Montoya, Miss Navajo Nation 2018-2019					
1:00pm – 2:15pm	Sustainability and Internal Audit: Understanding Sustainable Performance- Helen Brown, Principal Auditor, Office of the Auditor General	Don't Panic: Make Your Microgrid Solution Easy- Allen G. Cadreau, CEO at Navajo Microgrid Solutions, Inc.	Navajo Tribal Utility Authority (NTUA) on renewable energy and global systems	Sustainable Governance Case Study- Dr. Michael Schoon, Associate Professor, School of Sustainability, ASU	Indigenous Design and Planning for Tribal Nations- Tamarah Begay, CEO/ President Indigenous Design Studio + Architecture, LLC	The Role of Economic Growth in Sustainable Development- Faculty from the Sustainable Communities at NAU

2:30pm – 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