



*“Doonidahaltingóó Biniinaa
Nahodinéesdzah Bina’anishígíí –
DROUGHT MANAGEMENT/
CLIMATE CHANGE”*

Fourth Annual Agriculture Conference

Brought to You in Partnership By
Navajo Department of Agriculture
And
Navajo Department of Fish and Wildlife

CONFERENCE
SCHEDULE



Conference Agenda

Wednesday, April 24, 2013

7:30 AM	Registration All Day – Coffee and Refreshments	General Session
8:20 AM	Prayer	
8:25 AM	Frederick H. White, Executive Director, Division of Natural Resources, Navajo Nation	
8:30 AM	<p>Dr. John Idowu, New Mexico State University “The History of Drought and Practices to Keep Your Soil Healthy”</p> <p>Drought in the Southwest is becoming a way of life. Steps you can take to help your crops – soil practices, moisture monitoring, irrigation timing, long-term soil building. Steps to take to help your crops weather the drought. Practices you can adopt on your farm to keep the harvest coming, event in the worst of times.</p>	General Session
9:30 AM	<p>Dr. Margaret Hiza Redsteer, Research Scientist, U.S. Geological Society “Taking Steps to Reduce Vulnerability to Drought & Increasing Aridity on the Navajo Nation”</p> <p>Discussion on how drought impacts can be magnified by climate change and increasing aridity and planned work to help limit drought impacts to rangeland, increase the capacity of the Navajo Nation to know about drought impacts, and report impacts in a way that will provide for disaster relief when it is needed.</p>	General Session
10:30 AM	BREAK – Drinks and Refreshments	
10:40 AM	<p>Barry Middleton, Geographer, US Geological Society “Drought Impact on the Navajo Nation”</p> <p>Different kinds of remote sensing satellite imagery, including long time work accomplished with the San Carlos Apache. Development of a rangeland assessment tool they use to evaluate grassland productivity and training conducted for the San Carlos resource management offices. Images will be shown which indicate areas of the Navajo Nation with the biggest impact from the current drought (for the years 2000-2012).</p>	General Session
11:20 AM	<p>Ray Castillo, Extension Agent, Navajo Department of Agriculture “Navajo Grazing Act”</p>	General Session
12:00 NOON	Lunch	
1:20 PM	Dr. Scott Bender, NNVLP, “Bovine Disease Investigation” - LIVE Demonstration	4H Show Arena
3:00 PM	BREAK – Drinks and Refreshments	



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Fourth Annual Agriculture Conference, April 24, 25, 2013, Nakai Hall, Window Rock, AZ
“Doonidahtingóó Biniinaa Nahodinéesdzah Bina’anishígíí: Drought Management/Climate Change”

Wednesday, April 24, 2013

BREAK-OUT SESSIONS

Class 1: Navajo Law * Class 2: Herd Improvement * Class 3: Ranch Management * Class 4: Climate Change

3:15 pm	Harrison Tsosie, Attorney General, Navajo Nation Department of Justice Part I : Review of New Grazing Mediation Process	Classroom 1
	Melissa Tisi, Statistician Technician, NNVL, NNDA “Animal ADT”	Classroom 2
	Tery Tanner, Inside Sales Specialist, Zoetis “Vaccinating Your Livestock”	Classroom 3
	Chad Smith, Zoologist, Navajo Nation Heritage Program, NNDFW “Navajo Department of Fish and Wildlife Project Clearance Process and Procedures”	Classroom 4
3:45 pm	Harrison Tsosie, Attorney General, Navajo Nation Part II: Review of New Grazing Mediation Process	Classroom 1
	Dr. Scott Bender, Veterinarian, Navajo Veterinary and Livestock Program, NNDA “Supplements for your Livestock During Drought Conditions”	Classroom 2
	Benita Litson, Director, Diné College Land Grant Office “Land Grant Office”	Classroom 3
	Joe Begay, Senior Animal Control Officer, NN Animal Control Program, NNDFW “Overview of Animal Control Program Priorities and Regulations”	Classroom 4
4:15 pm	BREAK – Drinks and Refreshments	
4:30 pm	Ray Castillo, Extension Agent, Navajo Department of Agriculture “Livestock Ownership”	Classroom 1
	Dr. Kelly Upshaw-Bia, Veterinarian, Navajo Veterinary and Livestock Program, NNDA “Appropriate Herd Size for Drought Conditions”	Classroom 2
	Ivan Becenti, Acting Manager, TRP, NNDA “Bull Selection and Leasing”	Classroom 3
	Mike Deswood, Predator Control Agent and Charles Blacksheep, Predator Control Agent, Navajo Department of Fish and Wildlife “Wildlife Damage”	Classroom 4
5:00 pm	Raffle Give Away	General Session
5:15 pm	Closing Prayer - Drive Home Safe. See you tomorrow!	General Session



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Conference Agenda

Thursday, April 25, 2013

7:30 AM	Registration All Day Coffee and Refreshments	General Session
8:20 AM	Leandra A. Thomas, Miss Navajo Nation 2012-2013 Song/Prayer	General Session
8:30 AM	Gloria Tom, Department Manager, Navajo Department of Fish and Wildlife Welcoming Remarks – “Conference Purpose” Climate Change is a relatively new discipline that many people however it is imperative that the Navajo Nation begin to prepare by educating ourselves and focus our resources on assessing impacts to our resources. The Navajo way of life depends on our response to climate change impacts.	General Session
8:40 AM	Dan Ferguson, Program Director, Climate Assessment for the SW, University of Arizona “Climate Change: Global and Local (Four Corners) Perspectives” Climate change is creating a warmer planet and the Southwest will be affected as well. As the temperature rises, different resources and landscapes will start to change in a variety of ways. This talk will provide background on climate change globally as well as information about how it is likely to affect the Southwest and the Four Corners region.	General Session
9:40 AM	Alison Meadow, Pgm. Manager, Southwest Climate Science Center; University of Arizona “Helping a Community Develop a Drought Impacts Reporting System” Drought is a natural part of the climate of the Four Corners region. But, it can still have harmful effects on the land, animals, and people who live here. Monitoring the impacts of drought can help communities make better decisions about how and when to respond to drought conditions. We have been working with the Hopi Department of Natural Resources to develop a drought impacts reporting system specifically for that community that will help inform community decisions about drought.	General Session
10:40 AM	BREAK	General Session
10:55 am	Julie Nania, Research Fellow, Wilkinson Center for Natural Resources, Energy and the Environment, University of Colorado Law School AND Karen Cozzetto, Hydrologist, Cooperative Institute of Research in Environmental Sciences, University of Colorado “Frameworks for Climate Change Adaptation Planning” Background information on potential climate change impacts and will focus, in particular, frameworks for thinking about how to adapt to climate change. We will draw from plans such as the National Fish, Wildlife, and Plants Climate Adaptation Strategy and the USDA’s Climate Change and Agriculture in the U.S. report and will make use of adaptation examples from the Navajo Nation, from other tribes, and examples taking place at the federal level.	
12 noon	Lunch	



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1:20 PM	Dr. Scott Bender, Veterinarian, Navajo Veterinary and Livestock Program, NNDA “Equine Disease Investigation”	4H Show Arena
3:00 PM	BREAK	General Session
3:15 PM	TBD	General Session
3:35 PM	Dr. Sam Smallidge, Wildlife Management Specialist, NMSU Extension “Rodents” They chew, they gnaw, and they divert irrigation water to the most unlikely places. Rats, mice, gophers, and squirrels appreciate the hard work of organic farmers to provide food and habitat. NMSU Extension Wildlife Management Specialist will take on the challenge of developing an integrated pest management approach to these critters, and provide an overview of organic management tools.	General Session
4:45 pm	Raffle Give Away	General Session
5:00 pm	Closing Prayer	
6:00 pm – 8:00 pm	Gerald Moore, Coordinating Extension Agent, University of Arizona AND Wayne Franklin, Tribal Extension Agent, New Mexico State University “Beef Quality Assurance Program”	New NNDA Meeting Space

First Annual Navajo Agriculture Golf Tournament

April 26, 2-13

Isleta Eagle Gold Club, Hard Rock, Albuquerque, NM

For more information and event fee please call:

Event Coordinator, Navajo Department of Agriculture

928-871-6605



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