

**CPNPP 2020 ANNUAL  
MEETING DAY**

**Utah Conference Center, Vernal, UT**

**TUESDAY, February 25**

<b>TIME</b>	<b>Presentation Topic</b>	<b>Presenter</b>	<b>Resource to share</b>
8:00	Registration	<b>Moderator:</b> Adrienne Pilmanis	
8:30	Kickoff & Welcome National Program and CPNPP	Lisa Everett-Stringer, BLM	
8:40	Overviews; Meeting Objectives Plant Materials 101: Traditional	Peggy Olwell, Adrienne Pilmanis	2018 CPNPP Report
9:00	Basics Introduction to Plant Materials	Steve Parr, UCEPC	Flow Chart
9:15	Sourcing and Seed Transfer Zones Introduction to Plant Materials Use:	Rob Massatti, USGS	
9:30	Factors other than Source?	Kevin Gunnell, UDWR	
9:45	Panel discussion		
Break - 10 am			
<b>RECLAMATION &amp; RESTORATION DRIVE THE DEMAND</b>		<b>Moderator:</b> Rebecca Mann	
10:20	How Climate Change affects Regeneration Niches Wildlife Restoration, Post-Fire	John Bradford, USGS	21st cent. Drought Model
10:35	Stabilization, Fuels Projects	Tom Adamson, BLM	
10:55	Reclamation National Academy of Sciences	Rebecca Mann, USGS	
11:10	National Seed Needs Assessment	Stan Young, USU (ret.)	
11:25	Panel discussion <b>Breakout Group Prep:</b> Facilitators & logistics		
11:45			
<b>Lunch - 12:00 -- Breakouts:</b> Plant Materials Wanted, Reclamation Practitioners, Coordinating Collections & data			
<b>PLANT MATERIALS SUPPLY</b>		<b>Moderator:</b> Magda Garbowski	
1:15	Wildland Collection Suppliers BLM & USFS Wildland Collection	Justin Dean, Premier Seed	
1:30	Permitting Seed Grower/s - Wholesale &	Tom Adamson & Suzie Parker	Permit Process & Stips
1:45	Retail Industry Maverick/s: Producing "Boutique" Seed; Trying the	Matt Benson, BFI Seed	
2:00	Unknown	Walter Henes, Southwest Seed	

2:15	Panel discussion - <i>all Producers welcome on panel</i>		
Break - 2:35 pm- <b>Sponsored by High Mountain Nursery, LLC</b>	<a href="http://highmtnnursery.com/">http://highmtnnursery.com/</a>		
<b>SOURCES AVAILABLE/ NEEDED/ WANTED; SEED MIXES</b>			
	<b>Moderator:</b> Steve Parr		
3:00	Is a Local Seed Source Best? Local Adaptation Patterns	Owen Baughman, TNC	
3:15	Regional Sources Available & coming soon	Brandon Sanders, UCEPC	Source Maps, CP STZs
3:25	What seed sources don't we have that we need? Your input wanted	Steve Parr, UCEPC	Questionnaire
3:40	SUU Strategic seed & tissue collection partnerships across regions	Jackie Grant, SUU	
3:55	Developing a Seed Mix	Derek Tilley, NRCS	Aberdeen Plant Releases
4:10	Seed Source Selection Tool Comparison	Rhianna James, GBI/BLM	Choose a Tool flowchart
4:25	CPNPP website revamp to ESRI hub: what information do you need?	Pete Cutter, NatureServe	Questionnaire
4:40	Panel discussion		
5:00	Evening Announcements		
<b>POSTER SESSION - Sponsored by Truax Company, Inc.</b>			
	<a href="https://www.truaxcomp.com/">https://www.truaxcomp.com/</a>		
5:30	CSU Root traits, GB Forb Manual, ARS Forb & Grass Materials & Testing, SUU Genetic analysis of GSG and Desert Tortoise diets, USGS CP Climate Gradients & Seed Sources; CPNPP Accomplishments, NRCS Curlycup Gumweed, INSR-SER Section		
<b>CPNPP 2020 ANNUAL MEETING DAY 2</b>			
<b>Uintah Conference Center, Vernal, UT</b>			
<b>WEDNESDAY</b>			
<b>TIME</b>	<b>Presentation Topic</b>	<b>Presenter</b>	<b>Resource to share</b>
<b>SEED CERTIFICATION and SEED TESTING</b>			
	<b>Moderator:</b> Kevin Jensen		
8:00	Is Native Plant Germplasm Development a Good Thing?	Stan Young, USU (ret.)	Seed Connoisseur
8:15	Seed Certification Process	Michael Bouck, UCIA	Seed Tag Handouts
8:30	Seed Testing - Standards, Procedure, Ins & Outs	Randy Crowl, CO Seed Lab	Seed Test Fact Sheets
8:45	Seed Testing - Understanding	Steve Popovich	Two Handouts

9:00	Weed Content Bringing Seed Coatings to Market	Matt Madsen, BYU	
9:15	Panel discussion		
Break - 9:30			
<b>SEED PURCHASING</b>		<b>Moderator:</b> Jackie Grant	
9:45	BLM Seed Warehouse System	TBD, BLM	Seed Mix Template
10:00	Reclamation Seed Buys: Policy, Plans & Actualities	Patrick Ahnsbrak, BLM	
10:15	USFS Seed Sourcing	Suzie Parker, USFS	
10:25	Utah Seed Warehouse Buys	Melissa Landeen, UDWR	UDWR Seed Menu
10:40	Panel discussion		
11:00	<b>Breakouts:</b> Tuesday's; CPNPP Website revamp; Pollinators; Plant Traits in Development & Use		
11:40	<b>Breakout 3-min Reports:</b> <i>Topic, Concurrence, Questions, Action Items</i>	Facilitators	
Lunch - noon			
<b>NEW SEED SOURCE DEVELOPMENT: METHODS &amp; TRIALS</b>		<b>Moderator:</b> Rob Massatti	
1:15	Raw Materials: Wildland collections and Seed banks	Mike Cashman, Brian Irish, ARS	
1:30	Utility of Data Derived from Common Gardens	Daniel Winkler, USGS	
1:40	Forb common garden research: seed transfer guidance for restoration	Sarah Barga, FS-RMRS	Forb CG Manual link
1:50	Incorporating Genetics into Plant Materials Development	Rob Massatti, USGS	
<i>Quick break- 2:05</i>			
2:10	Small Scale Seed Increase process	Scott Jensen, FS-RMRS	
2:20	ARS Logan Plant Materials Testing Program	Tom Jones, ARS-FRRL	FRRL Plant Releases
2:30	Do we need to trial plant materials at more than one site?	Kevin Jensen, ARS-FRRL	FRRL Planting Guide
2:40	Trials in Practice: Opportunities for Collaboration	Kevin Gunnell, UDWR	
2:55	Panel discussion		
Break - 3:15			
<b>LESSONS LEARNED:</b>		<b>Moderator:</b> Kevin Gunnell	

RESTORATION AND RECLAMATION		
3:35	RestoreNet: What determines seeding success across dryland ecosystems?	Carrie Harvilla, USGS
3:50	Biochar & Soil Amendments: Three Uintah Basin Outcomes	Christopher Peltz, Research Svcs LLC
4:00	Geomorphic vs. Traditional Reclamation: Veg Diversity & Seeding Outcomes	Kristina Hufford, UWYO
4:15	Decade of Studies Testing Reclamation Techniques in the Uinta Basin, UT	Colleen P Jones & Paul Grossl, USU
4:30	Biggest bang for the buck: evaluation of cost-effective ecological restoration	Ethan Yackulic, USGS
4:45	Panel discussion	
5:10	Wrap-Up - Evaluations, Group Notes, Field Trip/s & Post-Meetings logistics	Adrienne Pilmanis, Becky Mann, Tom Elder
<b>Optional social TBD</b>		
EVENING OF BUTTERFLIES & FLOWERS		
7:00	Butterflies of the Colorado Plateau	Todd Stout, UT Lepidopterist Society
	Finding Utah's Role in the Western Monarch Butterfly Population	Mindy Wheeler, UDWR
	Flowers Penstemon - Rare & Beautiful Utah Plant Under Pressure	Lisa Boyd, BLM & Colleen Jones, USU
CPNPP 2020 ANNUAL MEETING DAY 3		Vernal, UT
THURSDAY AM - Optional		
FIELD TRIPS		Coordinator
8:00-12:00	<b>"WPRR" Well Pad Reclamation &amp; Research</b>	Rebecca Mann, USGS
9:00-11:00	<b>Scenic short hike &amp; visit to <i>Frasera ackermaniae</i> site on public land</b>	Tom Elder, Site Monitor
<i>alternative</i>	<i>Working group meetings, evaluation review, move up PM meetings</i>	<i>TBD depending on weather</i>
THURSDAY PM - Optional		Adrienne Pilmanis
1:00	Study Site Planning Meeting: Seeding Trial and Common Garden	Moonshine Arch Conference room, BLM
2:30	CPNPP Strategy Meeting; 2020 Logistics; Proposing New Agreements	CPNPP current & interested partners

**Attached Event Flyers:**

**Wednesday PM: An Evening of Butterflies & Flowers**

**Thursday 8 AM: Well Pad Reclamation & Research Field Trip**

**\*Volunteer 4x4 Carpool Drivers Needed**

**Thursday 9 AM: Scenic Hike to *Frasera ackermaniae***

**\*Volunteer Carpool Drivers Needed**

**Still Accepting: Registration - [rejames@blm.gov](mailto:rejames@blm.gov)**

**Poster Submissions - [rejames@blm.gov](mailto:rejames@blm.gov)**

**Refreshment Sponsors - [apilmani@blm.gov](mailto:apilmani@blm.gov); 801-539-4076**

**Table/ Booth Space Requests - [rejames@blm.gov](mailto:rejames@blm.gov)**

**Meeting Volunteers - [rejames@blm.gov](mailto:rejames@blm.gov)**

PROGRAM & ABSTRACTS WILL BE POSTED TO: <http://www.landscape.org/CPNPP/meetings/AnnualMeeting2020/>

AND TO <https://storymaps.arcgis.com/stories/5c0d66a466d141df9b5e05cbdd588340> (not in Internet Explorer; in development)