

2012

SmallWood

Flagstaff, Arizona, USA

May 1-3

TUESDAY, MAY 1, 2012

GENERAL SESSION

- 8:00 am Welcome by **SCOTT HUNT**, State Forester of Arizona, Arizona State Forestry Division, Phoenix, AZ and Chair for the SmallWood 2012 Steering Committee
- 8:10 am Welcome by **CORBIN NEWMAN**, Regional Forester, Region 3, USDA Forest Service, Albuquerque, NM
- 8:15 am **Historical Perspective of the Forest Products Industries in the Southwest**
TODD MORGAN, Director, Forest Industry Research, University of Montana, Bureau of Business & Economic Research, Missoula, MT
- 8:50 am **The New Future Economy for Forest Restoration**
CATHERINE MATER, President, Mater Engineering, Corvallis, OR
- 9:25 am **Policies for Forest Restoration**
ARTHUR "BUTCH" BLAZER, USDA Deputy Under Secretary of Natural Resources & Environment, Washington, DC (invited)

10:00 am BREAK

TRACK A: POLICIES AND INCENTIVES

Moderator: **PATRICK RAPPOLD**, Wood Utilization & Marketing Specialist, Arizona State Forestry Division, Flagstaff, AZ

- 10:15 am **Panel on Federal Incentives, Grants, and Initiatives**
DAVE ATKINS, Biomass Specialist, USDA Forest Service, Washington, DC and **DAN SIMON**, Partner, Ballard Spahr LLP, Washington, DC

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10:45 am **Panel on State Policies and Incentives**
MIKE ECKOFF, PhD Candidate, Colorado State University Department of Forest & Rangeland Stewardship, Fort Collins, CO and **DARREN MCAVOY**, Extension Program Associate, Utah State University, Logan, UT

11:15 am **Panel of Users Who Have Used Various Incentives**
MATT ALLEN, Owner, Mt Taylor Manufacturing, Milan, NM and **THORA PADILLA**, Program Manager, Mescalero Apache Tribe Division of Resource Management & Protection, Mescalero, NM

TRACK B: PRETREATMENT OF BIOMASS

Moderator: **DAVID NEWLIN**, Business Manager & Watershed Projects Director, Little Colorado River Plateau RC&D, Holbrook, AZ

10:15 am **In-Field Drying**
BOB RUMMER, Project Leader, Forest Operations Research, USDA Forest Service, Auburn, AL

10:45 am **Chip Beneficiation**
JIM DOOLEY, PhD, PE, Executive Manager, Forest Concepts LLC, Auburn, WA

11:15 am **Drying of Wood Chips**
CHRIS WRIGHT, Senior Research Engineer, Biofuels & Renewable Energy Group, Idaho National Laboratory, Idaho Falls, ID

11:45 – 1:00 pm **LUNCH**

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TRACK A: SPECIALTY, INDUSTRIAL WOOD & NON-TIMBER PRODUCTS

Moderator: **EINI LOWELL**, Research Scientist, USDA Forest Service PNW Research Station, Oak Grove, OR

- 1:00 pm **Overview**
EINI LOWELL, Research Scientist, USDA Forest Service PNW Research Station, Oak Grove, OR
- 1:10 pm **Processing and Products from Bug-Killed & Fire-Killed Timber**
SILAS PAGE, AP Sawmill & Lumber Products LLC, Flagstaff, AZ
- 1:40 pm **Specialty Flooring**
DAVID OLD, President, Old Wood, LLC, Las Vegas, NM
- 2:10 pm **Heat Treating Firewood to Control Infestations**
XIPING WANG, Research Forest Products Technologist, USDA Forest Products Lab, Madison, WI

TRACK B: PYROLYSIS

Moderator: **GARETH MAYHEAD**, Academic Coordinator for Woody Biomass Technology & Marketing, University of California, Richmond, CA

- 1:00 pm **Pyrolysis 101**
GARETH MAYHEAD, Academic Coordinator for Woody Biomass Technology & Marketing, University of California, Richmond, CA
- 1:10 pm **Biochar Opportunities**
JIM IPPOLITO, Research Soil Scientist, USDA-ARS-Northwest Irrigation & Soils Research Laboratory, Kimberly, ID

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1:40 pm **Pyrolysis Oil Opportunities**
ANDY SORIA, Associate Professor of Wood Chemistry & Environmental Science
& Technology, University of Alaska, Palmer, AK

2:10 pm **Torrefaction Opportunities**
LARRY FELIX, Institute Scientist, Gas Technology Institute, Birmingham, AL

2:40 PM BREAK

TRACK A: USING SMALLWOOD FOR SPECIALTY & NON-TIMBER PRODUCTS

Moderator: EINI LOWELL, Research Scientist, USDA FS PNW Research Station, Oak Grove, OR

2:55 pm **Use of Local Wood in Structures & Meeting Code Requirements**
TERRY MACE, Utilization & Marketing Specialist, Wisconsin DNR, Madison, WI
and BOB GOVETT, Professor, University of Wisconsin-Stevens Point, WI

3:25 pm **Animal Bedding and Other Cool Products from Forest Health Activities**
SHERRY BARROW, President and Glen Barrow, SBS Wood Shavings, Glencoe, NM

3:55 pm **American Pinyon Nuts: The Unnoticed Treasure and Its 100 Uses**
LEO SHARAHKIN, PhD, Forester, Goods From The Woods/PineNut.com,
Ava, MO

4:25 pm **Industrial Wood Products and Market Opportunities**
RUSTY DRAMM, National Sawmill Specialist, USDA Forest Products
Lab, Madison, WI

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TRACK B: HIGH TEMPERATURE PROCESSING & OPPORTUNITIES

Moderator: **CRAIG RAWLINGS**, Forest Business Network LLC, Missoula, MT

2:55 pm

Co-Firing with Coal

TERRY MIELKE, Project Manager, Colorado Springs Utilities, Colorado Springs, CO

3:25 pm

Biomass for Thermal Energy: Examples

JENNIFER HEDRICK, Executive Director, Pellet Fuels Institute, Arlington, VA

3:55 pm

Biomass for Electrical Energy: Examples

BILL CARLSON, Prinicipal, Carlson Small Power Consultants, Redding, CA

4:25 pm

Biorefining: Examples

MIKE WOLCOTT, Director, Institute for Sustainable Design, Washington State University, Pullman, WA

5:00 PM

ADJOURN

6:00 pm

Poster Session, Exhibits and Reception

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WEDNESDAY, MAY 2, 2012

TRACK A: HARVESTING

Moderator: **BOB RUMMER**, Project Leader, Forest Operations Research, USDA Forest Service, Auburn, AL

8:00 am **Forest Restoration and Biomass Utilization: The Good, The Bad, and The Ugly**
DAN LEN, Regional Woody Biomass Coordinator, USDA Forest Service,
Southern Region, Atlanta, GA

8:30 am **Forest Operations for Western Woodlands Restoration**
BETH DODSON, Associate Professor of Integrated Natural Resource Planning,
University of Montana, Department of Forest Management, Missoula, MT

9:00 am **Innovative Systems for Unique Forestlands & Treatments**
RICH VAN DEMARK, Southwest Forestry, Paulden, AZ

9:30 am **Challenges for the Forest Restoration Workforce**
MIKE DEBONIS, Executive Director, Forest Guild, Santa Fe, NM

TRACK B: MARKETING

Moderator: **DUSTY MOELLER**, Wood Utilization Manager, University of Nevada-Reno,
Las Vegas, NV

8:00 am **Wood Pellets: Picking The Right Market: Domestic or Export**
ROB DAVIS, President, Forest Energy Corporation, Show Low, AZ

8:30 am **Mega-Markets for the Southwest's Small Wood: Where They Are and How to Serve**
LLOYD IRLAND, President, The Irland Group, Wayne, ME

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9:00 am **How Oregon Wood Product Firms Are Changing to Meet Market and Environmental Needs**
ERIC HANSEN, Professor, Oregon State University, Corvallis, OR, Chris Knowles, Assistant Professor, Oregon State University, Corvallis, OR, and SCOTT LEAVENGOOD, Associate Professor, Oregon State University, Corvallis, OR

9:30 am **Marketing Wood Products In Asia**
TERRY MACE, Utilization & Marketing Specialist, Wisconsin DNR, Madison, WI and SCOTT BOWE, Associate Professor and Wood Products Specialist, University of Wisconsin, Madison, WI

10:00 am **BREAK**

TRACK A: HARVESTING -CONT.

Moderator: BOB RUMMER, Project Leader, Forest Operations Research, USDA Forest Service, Auburn, AL

10:30 am **Woody Biomass Operations in the Lake States**
DON PETERSON, President, Renewable Resource Solutions, Crystal Falls, MI

11:00 am **Small Trees, Small Machines, Big Opportunities**
BARRY WYNSMA, Retired USDA Forest Service, Bonners Ferry, ID

TRACK B: MARKETING - CONT.

Moderator: DUSTY MOELLER, Wood Utilization Manager, University of Nevada-Reno, Las Vegas, NV

10:30 am **The Wonderful Wide World of Web Marketing**
NORA MCDUGALL-COLLINS, President, Thecomputergal.com, Missoula, MT

11:00 am **Transportation Avenues to Reach Export Markets**
To Be Announced

11:30 - 12:45 pm **LUNCH**

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TRACK A: COOPERATIVE APPROACHES FOR SUSTAINABLE SUPPLY

Moderator: **JERRY PAYNE**, Biomass Utilization/Biomass to Energy Coordinator, USDA Forest Service, Southwestern Region, Albuquerque, NM

12:45 pm **Right Sizing Facilities to Match Forest Restoration Needs**
TAD MASON, CEO, TSS Consultants, Rancho Cordova, CA

1:15 pm **4FRI Contract**
4FRI Contractor

1:45 pm **Stewardship Contracts & Stewardship Agreements**
DENNIS DWYER, Stewardship Director, USDA Forest Service, Southwestern Region,
Albuquerque, NM

TRACK B: ENVIRONMENTAL & SAFETY COMPLIANCE WHILE IMPROVING YOUR BOTTOM LINE

Moderator: **RUSTY DRAMM**, National Sawmill Specialist, USDA Forest Service, Forest Products Lab,
Madison, WI

12:45 pm **Best Management Practices Can Be Profitable**
DR. RAYMOND MILLER, Director, Forest Biomass Innovation Center, Michigan State University, Escanaba, MI

1:15 pm **Getting Help on Compliance and Permitting**
CLIFF AYERS, Chief Operation Officer, Drake Cement, LLC, Paulden, AZ

1:45 pm **Working Together to Get Treatments Done After a Wildfire**
MOLLY PITTS, Former Executive Director, Northern Arizona Wood Products Association,
Eagar, AZ

2:15 PM BREAK

TRACK A: COOPERATIVE APPROACHES FOR SUSTAINABLE SUPPLY – CONT.

Moderator: **JERRY PAYNE**, Biomass Utilization/Biomass to Energy Coordinator, USDA Forest Service, Southwestern Region, Albuquerque,
NM

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2:30 PM

Tribal Forest Protection Act

FALINE HAVEN, Natural Resources Management Analyst, USDA Forest Service, Office of Tribal Relations, Washington, DC

3:00 pm

Processes for Achieving Sustainable Supply

BRYAN BIRD, Forest Program Coordinator, Wild Earth Guardians, Santa Fe, NM and **BRENT RACHER**, Owner, Restorations Solutions, Corona, NM

3:30 pm

3 Different CFLRA:

1) 4 Forest Restoration Initiative CFLRA Project, AZ

DIANE VOSICK, Director of Policy & Partnerships, Ecological Restoration Institute, Flagstaff, AZ

4:00 pm

2) Dinkey Creek CFLRA Project, CA

CRAIG THOMAS, Executive Director, Sierra Forest Legacy, Garden Valley, CA

4:30 pm

3) Southwestern Crown of the Continent CFLRA Project, MT

DEBBIE AUSTIN, Forest Supervisor, Lolo National Forest, USDA Forest Service Missoula, MT and **SCOTT BRENNAN**, Deputy Director, Northern Rockies Regional Office, The Wilderness Society, Bozeman, MT

TRACK B: BUSINESS PRACTICES FOR DEVELOPING THIS NEW ECONOMY

Moderator: **DIANE DENENBERG**, Marketing and Communications Director, Western Forestry Leadership Coalition, Denver, CO

2:30 pm

Combining Forestry & Business Practices

TAD MASON, CEO, TSS Consultants, Rancho Cordova, CA

3:00 pm

Setting Up Agreements to Meet Parties' Needs

WALTER DUNN, Program Manager, USDA Forest Service, Albuquerque, NM

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Energy Entrepreneurism: Innovations in Wood Heat Contracting from Austria
SCOTT BAGLEY, Member Representative, Center for Cooperative Forest Enterprises,
National Network of Forest Practitioners, Athens, OH

4:00 pm

ShadeFund: A New Source of Financing for Your Wood Products Small Business
RICK LARSON, ShadeFund Director/Director of Sustainable Ventures,
ShadeFund, The Conservation Fund, Chapel Hill, NC

4:30 pm

Tools Available to Communities for Implementing Wood to Energy Projects
PAM PORTER, Director, Midwest Office, Biomass Energy Resource Center, Madison, WI

5:00 pm

ADJOURN