CENTRAL CASCADES ADAPTIVE MANAGEMENT PARTNERSHIP

And the NW Oregon Ecology Group Present A Workshop:

USING LIDAR TO INFORM NEPA

April 23, 2015. Salem BLM

Objective:

The objective of this one day workshop is to share examples of how LIDAR is being used to inform NEPA analyses on USFS and BLM units. This is not a nuts-and-bolts data processing workshop: it is intended to be more "aspirational and inspirational" -- to excite IDT's about the possibilities LIDAR opens to understanding our environment and potentially increasing efficiency. It will also be a great opportunity for current users to compare notes!

AGENDA

Time	Topic	Speaker
0900 - 0905	Introductions and objectives for the day.	*Cheryl Friesen, Science Liaison, Willamette NF*
0905 - 0935	LIDAR in a Nutshell: What you need to know about where data comes from, processing, ground-truthing, and long-term plans for acquisition across the state.	*Jake Edwards, LIDAR Coordinator, DOGAMI*
0935 – 0955	BLM and USFS LIDAR Strategies: Plans for getting useful data to practitioners.	*Mark Riley, USFS Remote Sensing Program Lead, R6 and Maria Fiorella, BLM Remote Sensing Specalist*
0955 - 1025	LIDAR on the Salem BLM: Logging systems, roads and stream mapping, road layout, forest structure analysis, 3-D visualization -- and more!	*Jay Bernards, Layout Forester and Russ Chapman, GIS Analyst, Salem BLM*
1025 – 1040	Break	
1040 - 1105	LIDAR on the Coos Bay BLM: Stream inception points, stream shading, large woody debris source areas -- and more!	*John Colby, Umpqua Resource Area Hydrologist, and John Guetterman, GIS Specialist, Coos Bay BLM*

AGENDA Continued

	Topic	Speaker
1105 – 1130	Using LIDAR to map stream networks and shade.	*Demetrios Gatziolis, Research Forester, PNW Station, Portland*
1130 – 1200	LIDAR on the Siuslaw NF: Understanding hydrological conditions.	*Kami Ellingson, Watershed Program Manager, Siuslaw NF and others TBA*
1200 – 1300	Lunch on own	
1300 – 1325	Weighted average stand metrics derived from Rogue Valley LiDAR, correlation plots, and EcoSurvey data.	*Dan Couch, Inventory Forester, Roseburg BLM and John Guetterman, Coos Bay BLM GIS Specialist*
1325 -- 1355	Using LIDAR to inform NEPA on the Rogue Siskiyou NF.	*Shannon Downey, Environmental Coordinator and Don Boucher , AFR Project Manager, Rogue-Siskiyou NF*
1355 – 1425	Using LIDAR to model wildlife habitat: Spotted Owls, Red Tree Voles, and Marbled Murrelets.	*Ray Davis, USFS; Steve Ackers, OSU; and Joan Hagar, USGS*
1425 – 1455	Using Lidar to inform NEPA in Central Oregon.	*Brian Wing, PSW Station, and Michael Simpson, Ecologist, Deschutes NF*
1455 – 1510	Break	
1510 – 1535	Using LIDAR to map non-forest habitats and inform management strategies for an endangered butterfly.	*Cory Langhoff, NW Habitat Institute and Deanna Williams, Wildlife Biologist, Siuslaw NF*
1535 – 1600	Using LIDAR in aquatic restoration design: Willamette and Mt. Hood NF's.	*Kate Meyer, Fisheries Biologist, McKenzie River RD, Willamette NF*
1600	Wrap Up	