



California Licensed Foresters Association Spring Conference

March 2nd & 3rd, 2023

MSP in the 21st Century

"Sustainable" means to maintain, continue, and keep, while "forestry" is the science and art of managing forests. Thus, sustainable forestry management is about caring for and managing forests to provide the natural resources we need now and into the future.

The goal of Section 14 CCR 913.11 [933.11, 954.11] of the Forest Practice Rules is to achieve Maximum Sustained Production (MSP) of High-Quality Timber Products. MSP is achieved by meeting one of the stated 'Option' requirements of the Forest Practice Rules, either (a) or (b) or (c) in a THP, SYP, NTMP or WFMP, or as otherwise provided in Article 6.8 for the Program Timber Harvesting Plan (PTHP). Balancing growth and harvest over time, as explained in the individual harvesting plan and/or ownership planning document within an assessment area, is set by the timberland owner and agreed to by the Director.

MSP is to be achieved by producing a continuous yield of 'high-quality' timber products specified by the timber landowner, with consideration of biologic and economic factors. MSP must also take into account limits on productivity due to constraints imposed from consideration of other forest values, such as recreation, watershed, wildlife, range and forage, fisheries, regional economic vitality, employment and aesthetic enjoyment. In addition to these other values, fuels management, fire, and species migration are becoming increasingly part of the discussion.

As the timber industry moves through the 21st century, given severe droughts, beetle kills, and catastrophic fires, is our somewhat static vision of achieving MSP evolving? Is climate change really a factor to be planned for, or are we dealing with short term temporal events? If there are indeed perceived, or even measurable and predicted, long term changes to the timber environs of the State, how do we account and plan for those changes and create more resilient forests moving forward? Or is there even a need to do so? Can we simply keep things status quo, planning for and accepting higher risk(s) and subsequent timber losses? Dealing with a crop that has a maturation of 50, 60, or even up to 120 years can complicate our planning when environmental conditions are erratic and/or slowly migrating. How do we create and grow resilient and productive forests and what does MSP look like moving forward? It is the intent of this conference to shed some light on these questions and issues.

Thursday March 2nd, 2023

Time	Topic and/or Subject Matter
9:00 – 9:50 9:50 – 10:00	Continental Breakfast Welcome, Introduction, and Housekeeping
10:00 – 10:50	<p>Intent of the Legislature and MSP in the 20th Century - Z'Berg-Nejedly Forest Practice Act Presenter: Gary Rynearson, Green Diamond Resource Company, Retired (MSP is referenced forty-one (41) times in the FPRs and twice in the PRC)</p> <ul style="list-style-type: none"> ▪ What is MSP? Never defined in the Act or FPRs. MSP pursuant to 14 CCR § 913.11 [933.11, 953.11] (a), (b), or (c) ▪ Intent: Meeting the stocking standards of the selected silvicultural or regeneration method, or <u>that level of stocking above the minimum that will achieve long term sustained yield (LTSY).</u> See 14 CCR § 913.10(a) & (c) ▪ Initial vision to achieving “balancing growth and harvest over time”. ▪ 14 CCR § 1034(m)(2). The Director may require such additional information as necessary and feasible to demonstrate how maximum sustained production of high-quality timber products will be achieved for an ownership within a THP.
10:50 – 11:30	<p>Historical Perspective and Stand Density Index (SDI) Presenter: Ryan Tompkins, UC Extension Forest and Natural Resource Advisor, Plumas-Sierra Counties</p> <ul style="list-style-type: none"> ▪ Pre-Colonization/Settlement Stand Conditions ▪ Early 20th Century and Pre-Management SDI Condition
11:30 – 12:00	<p>20th Century Timberlands and Tax Consequences of Holding the Land Presenter: Len Lindstrand, W.M. Beaty & Associates, Retired</p>
12:00	Lunch
12:30 – 2:00	<p>CLFA Member Business Meeting</p> <ul style="list-style-type: none"> ▪ Opening Remarks: Joe Starr, CLFA President ▪ Licensing Report: Dan Stapleton, Assistant Executive Officer, Foresters Licensing ▪ Apprentice Professional Forester Program: George “YG” Gentry, CLFA Vice President ▪ Water/Wildlife Report: Mark Pugsley, CLFA Water/Wildlife Chair ▪ Education Report: Brita Goldstein, CLFA Education Chair
2:00 – 2:15	Break
2:15 – 2:30	<p>Vision of MSP and Forest Product Outputs (What’s Your Vision?) Presenter: TBD</p> <ul style="list-style-type: none"> ▪ Financial MSP (Traditional Thinking) ▪ Biological MSP (Maximizing Production/Site Optimization) ▪ Ecological MSP (What Mother Nature Wants to See)
	Panel Presentation and Discussion
2:30 – 5:00	<p>MSP from an Industrial and State Forest Perspective Panel Presenters: Ed Murphy, SPI - John Mills, W.M. Beaty & Associates, Jason Poburko, Cal Fire Latour, Jim Kral, Mountain Home</p> <ul style="list-style-type: none"> ▪ Forest Landowners/Managers Perspective on MSP. How growth and yield ideas are evolving over time on a landscape basis. Maximizing Land Timber Production Potential or Not? ▪ How has ideas of MSP changed post 2000 – Fire/Drought/Beetle Kill/Climate Change.

	<ul style="list-style-type: none"> Rethinking of stand species composition and managing stand density and diversity moving forward.
5:30 – 8:00	CLFA Reception and Fundraiser
Friday March 3 rd , 2023	
7:00 – 7:50	Full Breakfast will be served
7:50 – 8:00	Welcome Back and Housekeeping
8:00 – 9:00	<p>Managing for Species Migration Due to Climate Change – Myth or Reality? Presenter: Chris Looney, USFS Pacific Southwest Research Station</p> <ul style="list-style-type: none"> Is it realistic to think that any measurable or substantial changes will occur over the stand’s management cycle (50, 60, 70, years)? Can’t we simply make the incremental adjustments to species composition, stand density, and diversity as we move forward, rather than plan for potential future possibilities?
9:00– 9:50	<p>Forest Resilience and MSP – Compatible or Mutually Exclusive? Presenter: Sarah Bisbing, UNR Department of Natural Resources & Environmental Science (invited)</p> <ul style="list-style-type: none"> Resistance vs. Resilience, or something different AMEX Project
9:50 – 10:10	Break
10:10 – 12:00	<p>Panel Presentation and Discussion: Fuelbreak Collaboration Across Landscapes Panel Presenters: Barnie Gyant (USFS Retired), Cameron Musser (Butte County Conservation District), & Ryan McKillop (SPI)</p> <ul style="list-style-type: none"> Addressing area set asides where MSP is not the objective (ex., fuel treatment zones and fire management buffers, natural grassland, oak woodlands, aspen stands, etc.). Addressing those management areas where the intent is to drop stocking level below codified minimums. Networking and collaboration planning with all landowners for future integrated fuelbreak projects
12:00	Lunch
12:30	<p>CLFA Business Meeting</p> <ul style="list-style-type: none"> Scholarship Awards: Chris Dow & Charll Stoneman, Co-Chairs Scholarship Committee Treasure’s Report: Charll Stoneman, CLFA Treasurer & Kathleen Burr, ED Legislative Report: Brian White, KP Public Affairs Forest Practice Report: Andrea Eggleton, CLFA BOF Representative CLFA Board Nominations Questions or Member Comments from the Floor
2:00 – 2:30	<p>“Forest Resiliency 2022” Rule Package – Introduction and Implementation Presenter: George “YG” Gentry, Senior VP, California Forestry Association</p>
2:30 – 3:00	Questions and Conference Wrap-Up