

Progress Report

Quantifying silvicultural treatment effect on lumber quantity and quality in loblolly pine

CAFS 21.88

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Joe Dahlen



Forest thru Mill Study Regionwide Intensively Managed Planation (IMP) study

- Control
- Light thinning
- Heavy thinning with pruning



Lumber sawn at mill and arrived in Athens in June

1184 pieces

416 2x4s

768 2x6s

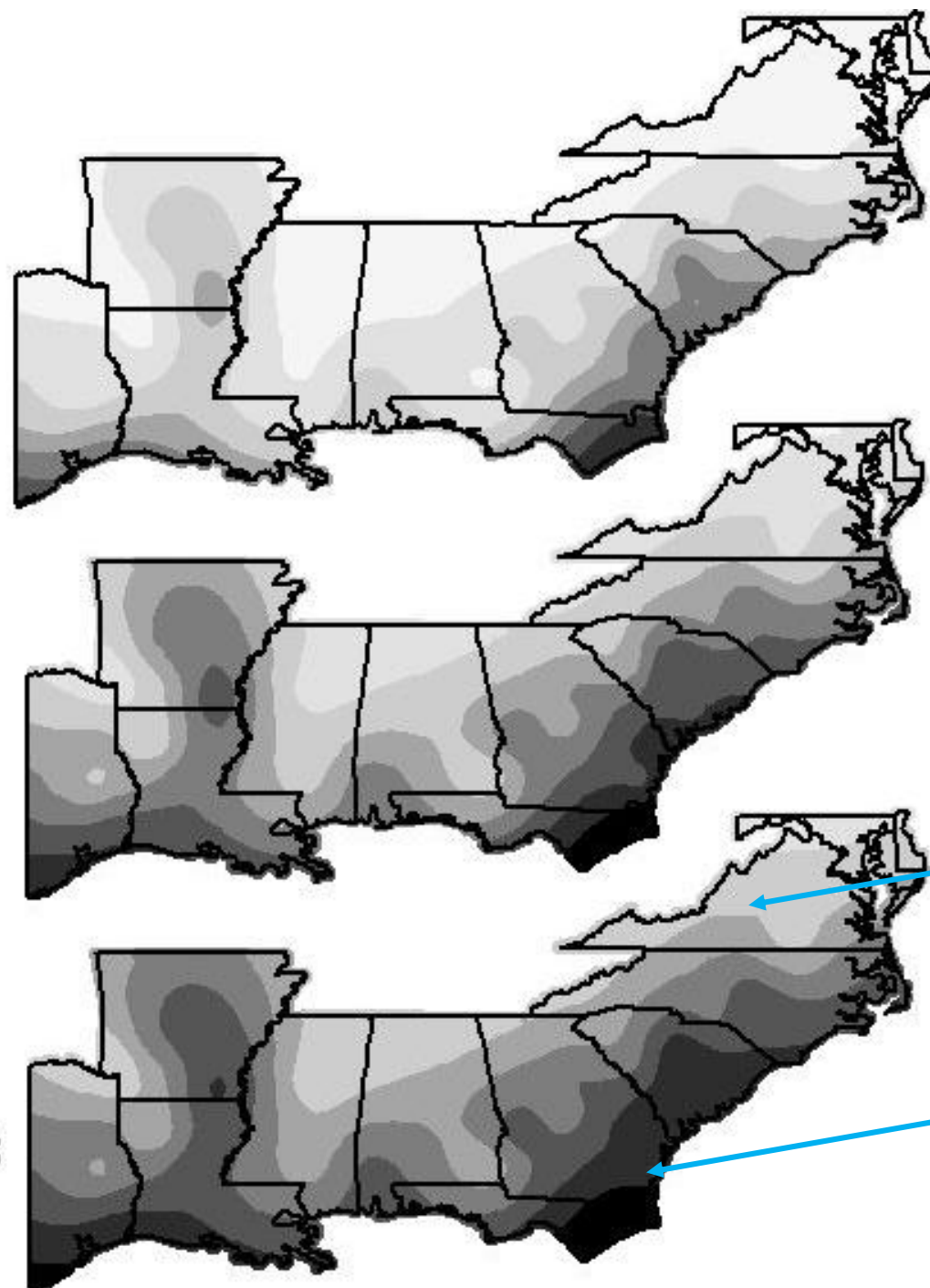




Log Acoustic Velocity

Treatment	# of Logs	Log 1 AV (m/s)	Log 2 AV (m/s)	Log 3 AV (m/s)
Control	82	3101	3171	2985
Light Thinning	91	3086	3137	2984
Heavy Thinning + Pruning	93	2971	2954	2737
Overall	266	3052	3084	2887
PCL Study	244	3425	3423	3219

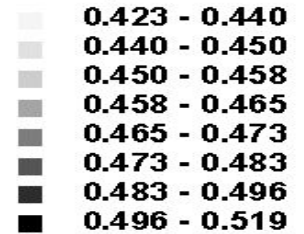




Seeing the
effect of
region

VT

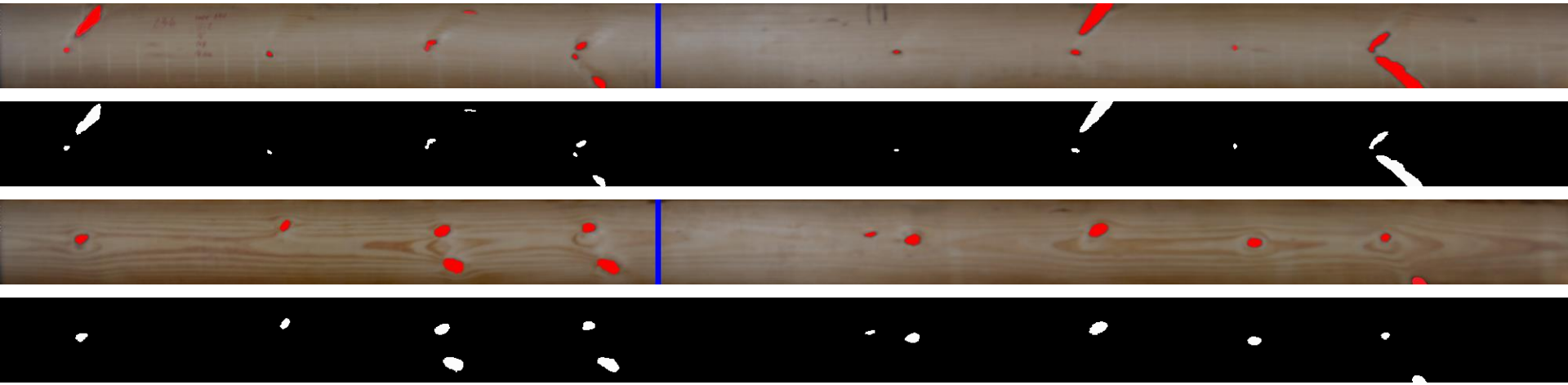
Predicted Specific Gravity



PCL



Future Plans



CAFS 2021 Fall IAB Meeting

