Supplemental Tables

Tables are designed to supplement text in Jones, C., and Lenart, M. (2014). Forestry Professionals and Extension Educators vs. Climate Change: Implications for Cooperative Extension Programming. *Journal of Extension* [On-line]. Accepted.

Analysis of Variance tests were used to determine which means are significantly different from all others ($\alpha = 0.05$), with Tukey HSD applied to address multiple comparisons. Green shading indicates greater confidence or willingness, red shading indicates lack of confidence or willingness, and yellow indicates a slight confidence or willingness to learn more. The Roman numerals represent statistical subsets; if a category does not include the same numeral as a different category, that means the populations measured responses that were statistically significantly different from each other (alpha = 0.05). See table legend below for an explanation of the color coding. Questions are shown as they were described in the survey, including the bold formatting.

Table Legend.

Row/ Overall Mean	**Question**	**Professional Category**	**Professional Category**	**Professional Category**	**Professional Category**	**Professional Category**
1 2.00 *(.01-3.00)* *n = 576*	**Group Mean** *(Mean interval: lower-upper bound)* *n = # of respondents* *I, II, etc: Statistical subset*	.99 Red: *(.01-.99)* *n= 124* *I*	1.49 Yellow: *(1.00-1.49)* *n=74* *I,II*	1.99 Chartreuse: *(1.50-1.99)* *n=78* *II, III*	2.99 Light Green: *(2.00-2.49)* *n=38* *III, IV*	3.99 Dark Green: *(2.50-3.99)* n= 87 *IV*

Supplemental Table 5. Mitigation.

Listed below are responses to questions on climate change adaptation measures. Responses range from:

- 0 = “not at all willing”
- 1 = “willing to learn more about it”
- 2 = “willing”
- 3 = “very willing”
- 4 = “extremely willing”

Row/ Overall Mean	Question	LM – Private company Mean	LM – Small Private Land-owner Mean	LM – Fed. agency Mean	LM - State Agency Mean	Extension Educator Mean	Researcher Mean
59 3.30 *(3.22-3.38)* *n=512*	**Thinning overly dense stands** to reduce the risk of severe fire or stand-destroying disturbance	3.45 *(3.32-3.58)* *n=115* *I, II*	3.26 *(3.08-3.44)* *n=70* *I, II*	3.56 *(3.42-3.71)* *n=73* *II*	3.14 *(2.78-3.50)* *n=36* *I*	3.22 *(2.99-3.45)* *n=77* *I, II*	3.15 *(2.98-3.32)* *n=141* *I, II*
60 2.81 *(2.72-2.90)* *n=516*	Using forest **biomass to produce energy** when appropriate	2.83 (2.66-3.01) *n=115* *I, II*	2.74 *(2.48-3.00)* *n=69* *I, II*	3.08 *(2.87-3.29)* *n=73* *II*	2.54 *(2.18-2.91)* *n=35* *I*	2.78 *(2.54-3.02)* *n=81* *I, II*	2.76 *(2.58-2.93)* *n=143* *I, II*
61 2.31 *(2.20-2.43)* *n=522*	Change your **personal energy-consumption** habits to reduce your carbon footprint	1.77 *(1.51-2.04)* *n=114* *I*	2.14 *(1.87-2.41)* *n=72* *I, II*	2.18 *(1.87-2.49)* *n=73* *I, II*	2.03 *(1.64-2.42)* *n=36* *I, II*	2.54 *(2.24-2.83)* *n=84* *II, III*	2.84 *(2.65-3.03)* *n=143* *III*
62 2.20 *(2.10-2.31)* *n=510*	Enhance carbon sequestration in **wood** and aboveground biomass	1.89 *(1.65-2.13)* *n=114* *I*	2.33 *(2.07-2.60)* *n=69* *I, II*	2.06 *(1.76-2.35)* *n=72* *I, II*	1.83 *(1.50-2.16)* *n=36* *I*	2.33 *(2.06-2.60)* *n=76* *I, II*	2.49 *(2.31-2.67)* *n=143* *II*
63 2.12 *(2.01-2.23)* *n=502*	Retain carbon stored in natural resources (wood, fiber, soil) by **protecting existing conservation areas**	1.73 *(1.50-1.96)* *n=112* *I*	2.26 *(1.95-2.57)* *n=69* *I, II*	1.73 *(1.44-2.03)* *n=71* *I*	1.83 *(1.41-2.25)* *n=35* *I*	2.31 *(2.05-2.59)* *n=75* *I, II*	2.51 *(2.31-2.70)* *n=140* *II*
64 2.06 *(1.96-2.16)* *n=501*	Enhance carbon sequestration in **soils** and belowground biomass	1.65 *(1.43-1.88)* *n=113* *I*	2.00 *(1.73-2.27)* *n=69* *I, II*	2.07 *(1.80-2.34)* *n=72* *I, II*	1.76 *(1.43-2.10)* *n=34* *I*	2.15 *(1.89-2.41)* *n=75* *I, II*	2.44 *(2.25-2.63)* *n=138* *II*

Row/ Overall Mean	**Question**	**LM – Private company Mean**	**LM – Small Private Land-owner Mean**	**LM – Fed. agency Mean**	**LM - State Agency Mean**	**Extension Educator Mean**	**Researcher Mean**
65 1.70 *(1.58-1.81)* *n=494*	Retain carbon stored in natural resources (wood, fiber, soil) by **designating additional conservation areas**	1.16 *(.92-1.40)* *n=110* *I*	1.76 *(1.43-2.09)* *n=67* *I, II, III*	1.20 *(.94-1.46)* *n=71* *I*	1.39 *(.97-1.82)* *n=33* *I, II*	2.00 *(1.72-2.28)* *n=74* *II, III*	2.25 *(2.04-2.47)* *n=139* *III*
66 1.57 *(1.47-1.66)* *n=515*	**Speed rotation of timber harvesting** in order to promote the transfer of carbon into forest products	1.65 *(1.42-1.87)* *n=116* *I*	1.46 *(1.23-1.69)* *n=70* *I*	1.60 *(1.35-1.85)* *n=73* *I*	1.42 *(1.06-1.77)* *n=36* *I*	1.58 *(1.35-1.82)* *n=79* *I*	1.57 *(1.38-1.76)* *n=141* *I*
67 1.31 *(1.23-1.40)* *n=512*	Consider manipulating local species within a forest stand to **favor species that promote carbon sequestration**	1.10 *(.94-1.27)* *n=115* *I*	1.44 *(1.22-1.65)* *n=71* *I*	1.25 *(1.02-1.49)* *n=71* *I*	1.11 *(.85-1.38)* *n=36* *I*	1.30 *(1.08-1.52)* *n=80* *I*	1.52 *(1.36-1.68)* *n=139* *I*
68 1.15 *(1.08-1.22)* *n=505*	Enhance carbon sequestration by **planting "neo-native" species** expected to thrive because of climate change	1.01 *(.86-1.16)* *n=109* *I*	1.10 *(.95-1.25)* *n=70* *I*	*1.06* *(.87-1.24)* *n=72* *I*	1.11 *(.90-1.32)* *n=36* *I*	1.34 *(1.15-1.53)* *n=79* *I*	1.24 *(1.09-1.38)* *n=139* *I*
69 .99 *(.90-1.07)* *n=487*	Allow or **promote woody invasion of grasslands** to enhance carbon sequestration in local locations where carbon storage increases with woody invasions	1.12 *(.94-1.31)* *n=107* *I*	1.09 *(.86-1.33)* *n=64* *I*	.74 *(.52-.95)* *n=68* *I*	.70 *(.40-1.00)* *n=33* *I*	1.05 *(.84-1.27)* *n=79* *I*	.99 *(.82-1.15)* *n=136* *I*

Row/ Overall Mean	**Question**	**LM – Private company Mean**	**LM – Small Private Land-owner Mean**	**LM – Fed. agency Mean**	**LM - State Agency Mean**	**Extension Educator Mean**	**Researcher Mean**
70 .88 *(.79-.98)* *n=501*	**Purchase carbon "credits"** to help offset your personal carbon footprint	.54 *(.38-.70)* *n=106* *I*	.76 *(.54-1.04)* *n=67* *I, II, III*	.67 *(.46-.88)* *n=70* *I, II*	.57 *(.38-.76)* *n=35* *I, II*	1.06 *(.78-1.34)* *n=80* *II, III*	1.26 (1.06-1.46) *n=143* *III*
71 .62 *(.55-.68)* *n=512*	Enhance carbon sequestration in forests by **planting exotic species**	.66 *(.52-.80)* *n=115* *I, II*	.69 *(.51-.87)* *n=70* *I, II*	.38 *(.24-.53)* *n=73* *I*	.39 *(.19-.59)* *n=36* *I*	.77 *(.58-.96)* *n=79* *II*	.64 *(.51-.77)* *n=139* *I, II*
72 .44 (.38-.49) *n=507*	**Overlook issues** such as biodiversity and habitat value to promote carbon sequestration	.39 *(.28-.51)* *n=112* *I*	.48 *(.35-.62)* *n=66* *I*	.54 *(.32-.77)* *n=72* *I*	.28 *(.12-.43)* *n=36* *I*	.42 *(.29-.55)* *n=83* *I*	.44 *(.33-.56)* *n=132* *I*