

FY 2012 Base Evaluation Monitoring Allocations

Proposal No.	Title	Investigator	Year	FY 2012 Allocation	Unit - Fundcode	
INT-EM-B-10-01	White pine blister rust in the Southwest: Monitoring the health of southwestern white pine	Dr. Kristen Waring - Northern Arizona	3 of 3	\$11,000	R3-SPS5	
INT-EM-B-10-03	The influence of mountain pine beetle outbreaks on carbon and nitrogen cycling in lodgepole pine ecosystems	Matt Hansen, USFS-RMS	3 of 3	\$2,000	RMS-SPS5	
INT-EM-B-11-01	Assessing Limber Pine Stand Conditions after Mountain Pine Beetle Outbreaks	K. S. Burns - R2	2 of 3	\$65,000	R2-SPFH	
INT-EM-B-11-03	Monitoring walnut health and decline in response to thousand cankers disease and infestation by the walnut twig beetle,	Graves - R3 FHP	2 of 2	\$36,000	R3-SPFH	
INT-EM-B-12-03	Whitebark Pine Stand Conditions after Mountain Pine Beetle Outbreaks in Idaho, Wyoming and Montana	C.Jorgensen, S.Kegley, J.Schwandt,	1 of 2	\$32,000	R1-SPFH	
INT-Regional				\$30,000	R4-SPFH	
NC-EM-B-10-01	Distribution and intensification of bur oak blight in Iowa and the Midwest	Tom Harrington, ISU	3 of 3	\$53,000	NA-SPS5	
NC-EM-B-10-02	Sugar maple dieback in the upper great lakes region	Andrew Storer, MTU	3 of 3	\$60,000	NA-SPCH	
NC-EM-B-11-01	Beech Bark Disease Monitoring in Wisconsin: Establishment of a Beech Bark Disease Monitoring & Impact Assessment System (BBDMIAS)	Petrillo - Univ WI	2 of 2	\$25,000	NA-SPS5	

NC-EM-B-11-03	Evaluation and monitoring of ash trees tolerant to long-term exposure to emerald ash borer	Storer - MI Tech	2 of 2	\$56,000	NA-SPCH	
NC-EM-B-12-01	Evaluation of eastern larch beetle activity in the Northern Great Lakes Region	Aukema, U of MN	1 of 3	\$57,500	NA-SPCH	
NC-Regional				\$30,000	NA-SPCH	
NE-EM-B-10-01	Investigating Causes of Mortality in Vermont and Adjacent States	Robert DeGues, VT Dept. For. Parks & Rec.	3 of 3	\$17,500	NA-SPFH	
NE-EM-B-10-03	The role of <i>Phytophthora cinnamomi</i> in recent oak mortalities in northeastern regions.	Yilmaz Balci, Univ of MD	3 of 3	\$45,500	NA-SPCH	
NE-EM-B-11-03	Survey for Beech Bark Disease Resistant American Beech Trees (on the Hiawatha and Monangahela National Forests)	Koch-NRS	2 of 3	\$45,000	NRS-SPFH	
NE-EM-B-12-01	Assessing and Projecting Southern Pine Beetle Impacts in the New Jersey Pinelands	Ayres, Dartmouth	1 of 2	\$13,500	NA-SPFH	
NE-Regional				\$30,000	NA-SPCH	
SO-EM-B-12-03	Evaluating the Extent and Nature of Pine Decline and Health using FIA Plots in the Southeastern U.S.	K.Ghandi, UGA	1 of 3	\$67,000	R8-SPFH	
SO-EM-B-12-05	Impact of laurel wilt disease on redbay (<i>Persea borbonia</i>) ecosystems	G.Wang, Clemson U	1 of 3	\$47,000	R8-SPCH	
SO-Regional				\$30,000	R8-SPFH	

WC-EM-B-10-02	Assessing impacts of an invasive <i>Myoporum</i> thrips infestation in Hawaii	Hauff, HI DOFAW	3 of 3	\$43,000	R5-SPFH	
WC-EM-B-12-01	Status and trends of whitebark pine distribution and health in California, Oregon and Washington.	V.Monleon, PNW FIA; B.Eskelson, OSU	1 of 2	\$20,000	PNW-SPFH	
WC-EM-B-12-03	Investigation of factors contributing to shore pine (<i>Pinus contorta</i> var. <i>contorta</i>) mortality and damage in SE Alaska	R.Mulvey, R10 FHP	1 of 2	\$27,000	R10-SPFH	
WC-Regional				\$30,000	R6-SPFH	
Total				\$873,000		

FY 2012 Fire Evaluation Monitoring Allocations

Proposal No.	Title	Principal Investigator	Year	FY 2012 Allocation	Unit-Fundcode	
INT-EM-F-10-01	Development of a monitoring program to detect and predict pandora moth outbreaks	Joel McMillin, FHP R3	3 of 3	\$26,000	R3-SPS4	
INT-EM-F-10-02	Fuel and Fire Behavior in High Elevation Five Needle Pines Affected by Mountain Pine Beetle	Michael Jenkins, Utah State University	3 of 3	\$32,000	R4-SPS4	
INT-EM-F-10-03	Quantifying the short- and long-term impacts of mountain pine beetle (MPB) outbreaks on forest conditions in the Intermountain West	Chris Fettig, PSWRS	3 of 3	\$44,000	PSW-SPS5	
INT-EM-F-11-01	Monitoring Riparian Forests in Mountain Pine Beetle Infested Watersheds	K. Dwire (RMRS)	2 of 2	\$41,000	RMS-SPS4	
INT-EM-F-11-02	Reburns: Their impact on Woody Debris, Carbon Storage, Soil Productivity and Vegetative Response - A Window into Future Climate Change Effects	D. S. P-Dumroese (RMRS)	2 of 2	\$37,000	RMS-SPS4	
INT-EM-F-11-03	Landscape scale monitoring to assess changes in wildland fuels and simulated fire behavior associated with mountain pine beetle tree mortality	Keane - RMRS	2 of 2	\$39,000	RMS-SPS4	
INT-EM-F-11-04	IMPACTS OF MANAGEMENT FOLLOWING BARK BEETLE OUTBREAKS ON FUELS AND PREDICTED FIRE BEHAVIOR UNDER VARYING CLIMATE	Allen - R2 FHP	2 of 3	\$29,000	R2-SPS4	
INT-EM-F-12-01	Implement Interagency Whitebark Pine Monitoring for the Greater Yellowstone Ecosystem	K.Legg, NPS GRYN	1 of 3	\$23,000	R1-SPS5	

INT-EM-F-12-02	Bark Beetles and Southwestern Ponderosa Pine: Fuel Loading and Susceptibility Rating	M.Hansen, RMS	1 of 2	\$56,000	RMS-SPS4	
NC-EM-F-11-01	Determining the extent and severity of Ailanthus, an invasive tree affecting Oak Forest Restoration in Appalachia Ohio.	Coon-Wayne NF	2 of 2	\$35,000	NRS-SPS5	
SO-EM-F-10-01	Impact of Climate Change on Forest Health in the Southeast US: Constructing a Hierarchical Framework to Integrate Downscaled NASA's Climate Data, MODIS'	Martin Spetich, SRS, Zhaofei Fang, Miss. State Univ.	3 of 3	\$61,000	SRS-SPS5	
SO-EM-F-12-01	Post-hurricane Fuel Dynamics and its Implication to Fire Behavior	G.Wang, Clemson U	1 of 3	\$41,000	R8-SPS5	
WC-EM-F-11-01	Southern California Bark Beetle Impacts - assessing the aftermath of the 2003-2005 mortality events	Ramirez - USDA RSL	2 of 2	\$16,000	R5-SPS4	
WC-EM-F-11-02	Evaluating the resiliency of ponderosa pine forests to bark beetle infestations a decade following fuel reduction treatments	Fettig - PSW	2 of 2	\$33,000	PSW-SPS5	
WC-EM-F-12-01	Tree Mortality and Increased Fuels following Severe Defoliation by Pine Tree Mortality and Increased Fuels following Severe Defoliation by Pine Butterfly in Oregon – Assessing the Aftermath of the 2008-2011 Epidemic	R.Flowers, D.Shaw OSU	1 of 3	\$35,000	R6-SPS4	
Total				\$548,000		

Evaluation Monitoring 2012

Receiving Unit	SPFH	SPCH	SPS4	SPS5	Total
R1-FHP	\$32,000			23,000	\$55,000
R2-FHP	\$65,000		\$29,000		\$94,000
R3-FHP	\$36,000		\$26,000	\$11,000	\$73,000
R4-FHP	\$30,000		\$32,000		\$62,000
R5-FHP	\$43,000		\$16,000		\$59,000
R6-FHP	\$30,000		\$35,000		\$65,000
R8-FHP	\$97,000	\$47,000		\$41,000	\$185,000
R10-FHP	\$27,000				\$27,000
NA-FHP	\$31,000	\$279,000		\$78,000	\$388,000
NRS	\$45,000			\$35,000	\$80,000
PNW	\$20,000				\$20,000
PSW				\$77,000	\$77,000
RMS			\$173,000	\$2,000	\$175,000
SRS				\$61,000	\$61,000
Total	\$456,000	\$326,000	\$311,000	\$328,000	\$1,421,000