

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		