

**Fire Program Analysis
Planned System Changes and Improvements- July 2009**

1	Correct the Initial Response Simulator's (IRS) use of resources for a "preparedness season" that spans calendar years
2	Include calculated federal costs for federal acres burned from ignitions that start on non-federal lands
3	Improve Large Fire Simulator (FSim) and statistics relative to large fire growth and size
4	Provide ability for FPU's to edit and validate Fire Workload Areas (FWA) boundaries
5	Create a nationwide grid for FPU landscape, large fire cost, and ownership data to automate the Large Fire model and performance calculations
6	Address the issue of nonburnable fuel model handling in IRS
7	Define modeled period as typical preparedness staffing period (i.e., when 90% of the ignitions occur)
8	Provide FPU's ability to adjust rate-of-spread by fuel model by FWA in IRS as opposed to a global adjustment
9	Enable FSim analyst to adjust rate-of-spread by fuel model as opposed to a global adjustment
10	Provide for automated map graphic outputs and graphs for FSim analyst to use in calibration
11	Enable constraints to ensure consistent reporting of FPU options and adherence to budget increments
12	Enable aerial resource dispatch during extended daylight, e.g., Alaska
13	Provide reports to support FPU, geographic area, and national reviews and interpretation of data and outputs
14	Enable FIL bin summary reporting by alternative by FPU in the FSim model
15	Incorporate calculated acres burned and costs for resource benefit fires in the Large Fire model, discussions are ongoing for FY 2011 relative to workload analysis in IRS and considerations relative to the updated guidance for the Federal Wildland Fire Management Policy
16	Review year one results, and adjust as appropriate, performance metrics

Reference "FPA Year 1 Field Issues and Concerns" on the FPA web site for additional information: <http://fpa.nifc.gov/>