

SPRINGER BRIEFS IN FIRE

Michael S. Hand · Krista M. Gebert
Jingjing Liang · David E. Calkin
Matthew P. Thompson · Mo Zhou

Economics of Wildfire Management

The Development
and Application
of Suppression
Expenditure Models



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The Development and Application of
Suppression Expenditure Models

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Acronyms

C+NVC	Cost Plus Net Value Change
CFLRP	Collaborative Forest Landscape Restoration Program
CPL	Cost Plus Loss
DCFP	Deschutes Collaborative Forest Project
DOI	Department of the Interior
EC	Existing Conditions
EPH	Expenditures per Hectare
ERC	Energy Release Component
FPA	Fire Program Analysis
FSIM	Fire SIMulation System
GAO	Government Accountability Office
HP	Hierarchical Partitioning
NFDRS	National Fire Danger Rating System
NIFC	National Interagency Fire Center
NIFMID	National Interagency Fire Management Integrated Database
NOAA	National Oceanic and Atmospheric Administration
OMB	Office of Management and Budget
PT	Post-treatment
R-CAT	Risk and Cost Analysis Tool
RMRS	Rocky Mountain Research Station
SCI	Stratified Cost Index
USDA	United States Department of Agriculture
USFS	United States Forest Service
WFDSS	Wildland Fire Decision Support System
WUI	Wildland–Urban Interface