

JFSP Overview – SDR WFSTTF

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Key Attributes

- Inter-agency/inter-department
- Credible science through open competition, independent peer review
- Management driven research needs
- Federal-university collaboration
- Focused lines of work and science plans
- National fire science exchange network



JFSP – Who are we?

Scope

- Wildland fire science funding & application
- National, interagency, applied
- Fuels treatment (1998), expanded (2001)
- Budget \$12M - \$14M, USDA FS and DOI

Program structure

- Governing Board (½ FS & ½ DOI)
- Program Office (NIFC, Boise ID)



JFSP – What do we do?

Identify Research Questions

Governing Board
Executive and stakeholder meetings
Roundtables, science plans
National fire science exchange network



Fund Studies

Open, competitive process
Independent peer review
Federal research labs & universities



Exchange & Apply Results

National fire science exchange network
Science reports & manuscripts
Syntheses & briefs
Website (www.firescience.gov)
Social media



Science Portfolio

Lines of work (5+ years)

Fuels treatments
Smoke management

Emerging management needs

Changing fire regimes
T&E species
Fire effects on water

New science initiatives

Fire social sciences
Fire ecology

Remeasurement

Prescribed fire effects
Effects of timber salvage

185 active studies

563 completed studies



Smoke Line of Work

Roundtables



Problem statement



Science plan - themes

- Emissions inventory
- Model validation
- Human populations
- Climate change



Funded proposals (FY 08 – 12)

- PM, ozone, regional haze
- Model comparison (SEMIP)
- Public perceptions, mega-fires, health
- Black carbon, future smoke effects



Regional Consortia – A Fire Science Knowledge Exchange Network

Goal – Accelerate the delivery and adoption of fire science findings

Key characteristics

- Boundary spanning partnerships
- End-user and science driven
- Active engagement



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Independent Program Review - 2013

“What sets JFSP apart from other fire research funding entities is the emphasis on addressing manager-driven questions.”

“... the operating expenses of these projects often seed collaborative activities that are extensively leveraged by other sources.”

“The role that JFSP plays in the fire science arena is much larger than its direct funding of projects. Its investment strategy and research questions to be addressed set the agenda for other fire science programs.”

