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
- 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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“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.”