

STAKEHOLDER NEEDS ASSESSMENT: USGS

Paul Steblein

Wildland fire science coordinator

Joint fire Science Program Governing Board

USGS Wildland Fire Science Strategic Plan

<https://doi.org/10.3133/cir1471>

USGS
science for a changing world

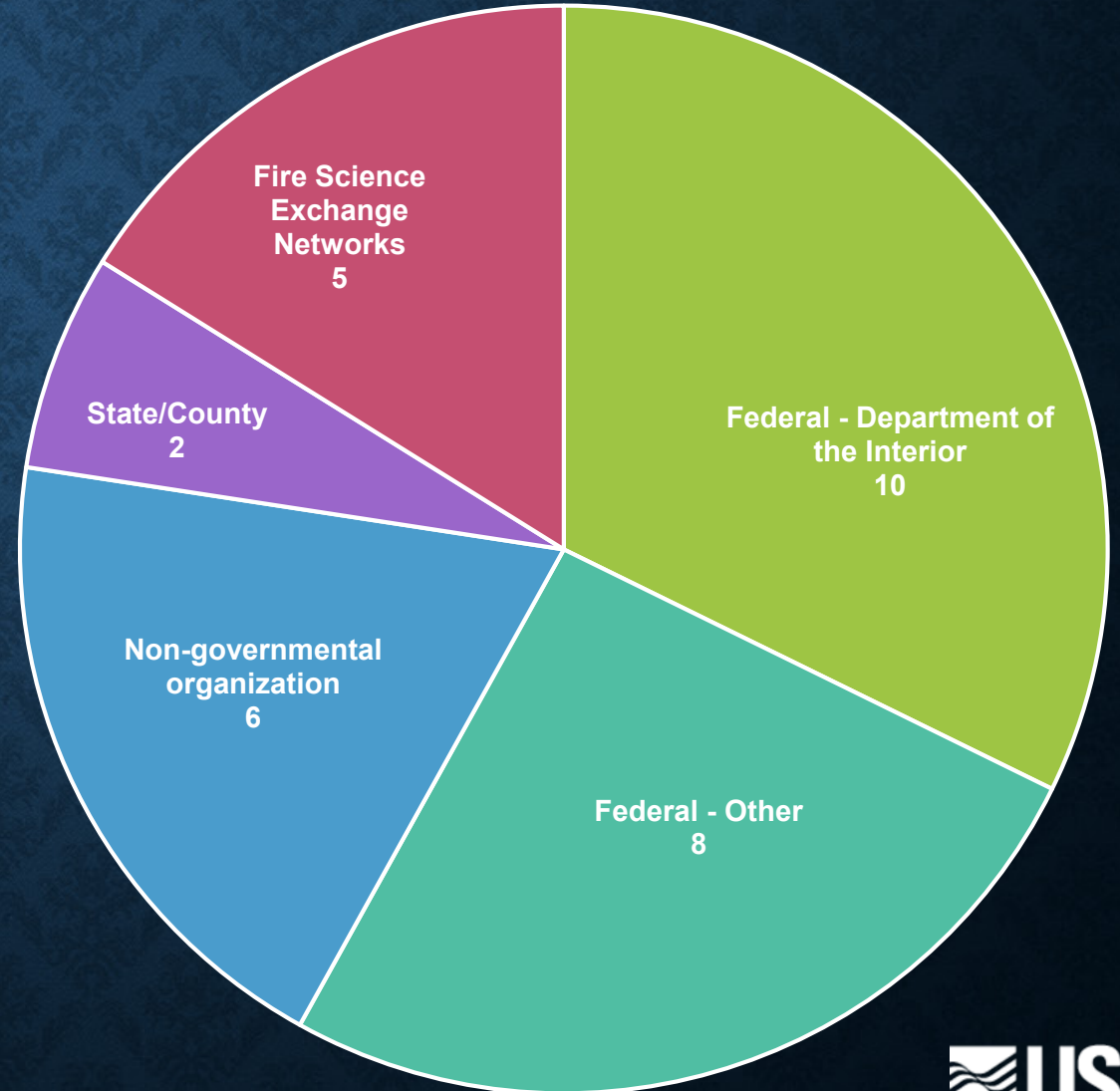
U.S. Geological Survey Wildland Fire
Science Strategic Plan, 2021–26



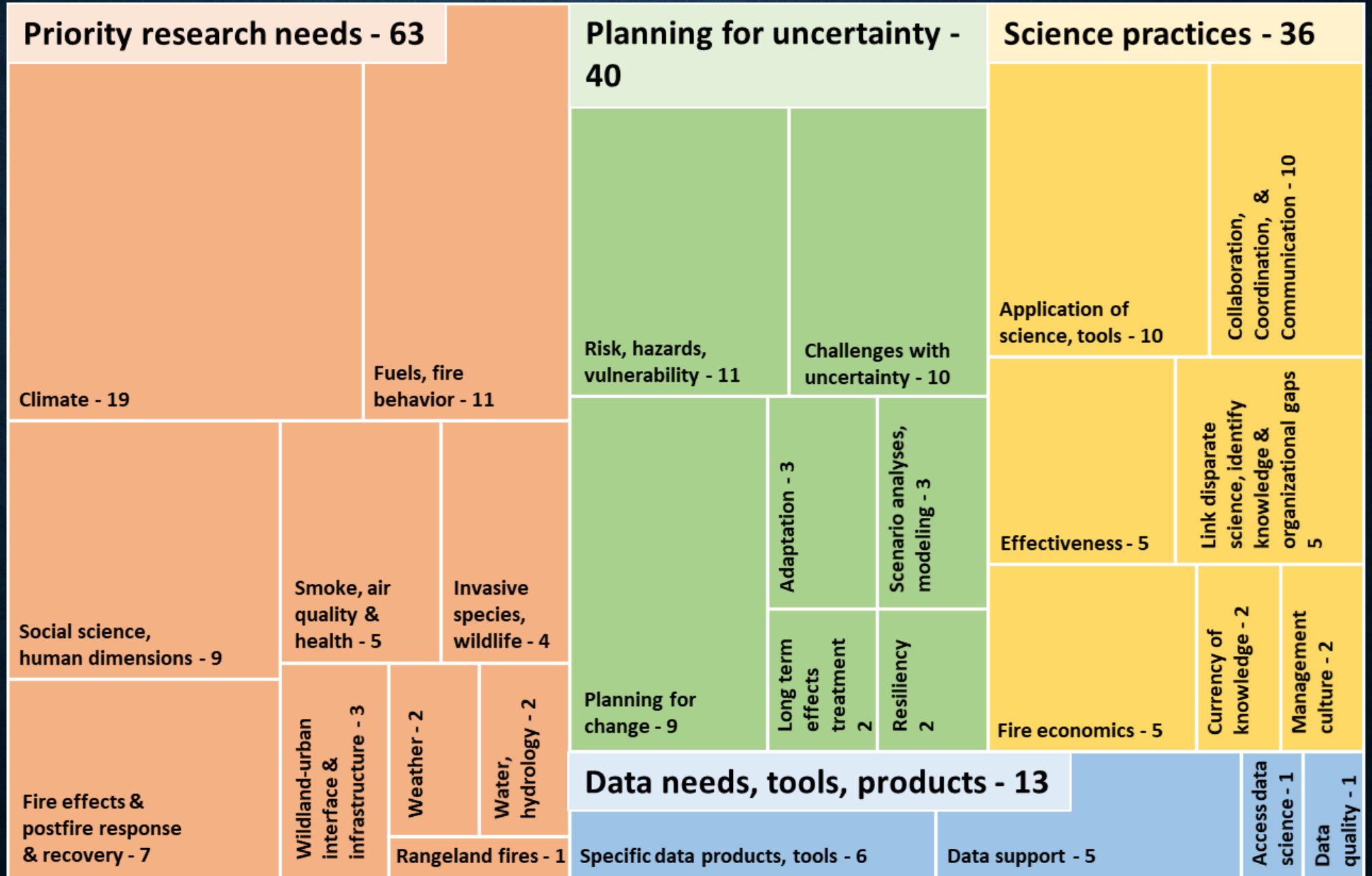
STAKEHOLDER ORGANIZATIONS CONSULTED

1 of 5 questions

Stakeholders' perceptions of the most pressing science needs for fire managers in the near-term (within 10 years) and longer term (10 years and beyond)



FIRE SCIENCE NEEDS 2-10 YEARS & BEYOND



PRIORITY SCIENCE NEEDS

- Climate change impacts on fire & management
- Fuels, fire behavior & fuels management
- Planning for uncertainty
 - Multiple threats, interactions & management
 - Uncertain future of fire behavior, vegetation, what to manage for
- Craft research for applied need
- Collaboration/coordination across agencies, jurisdictions, geographies
- Synthesis & translation across topics & sources
- Improved data and models (like physics-based fire models)

