

# Management Science, Safety & Organizational Learning for Wildfire

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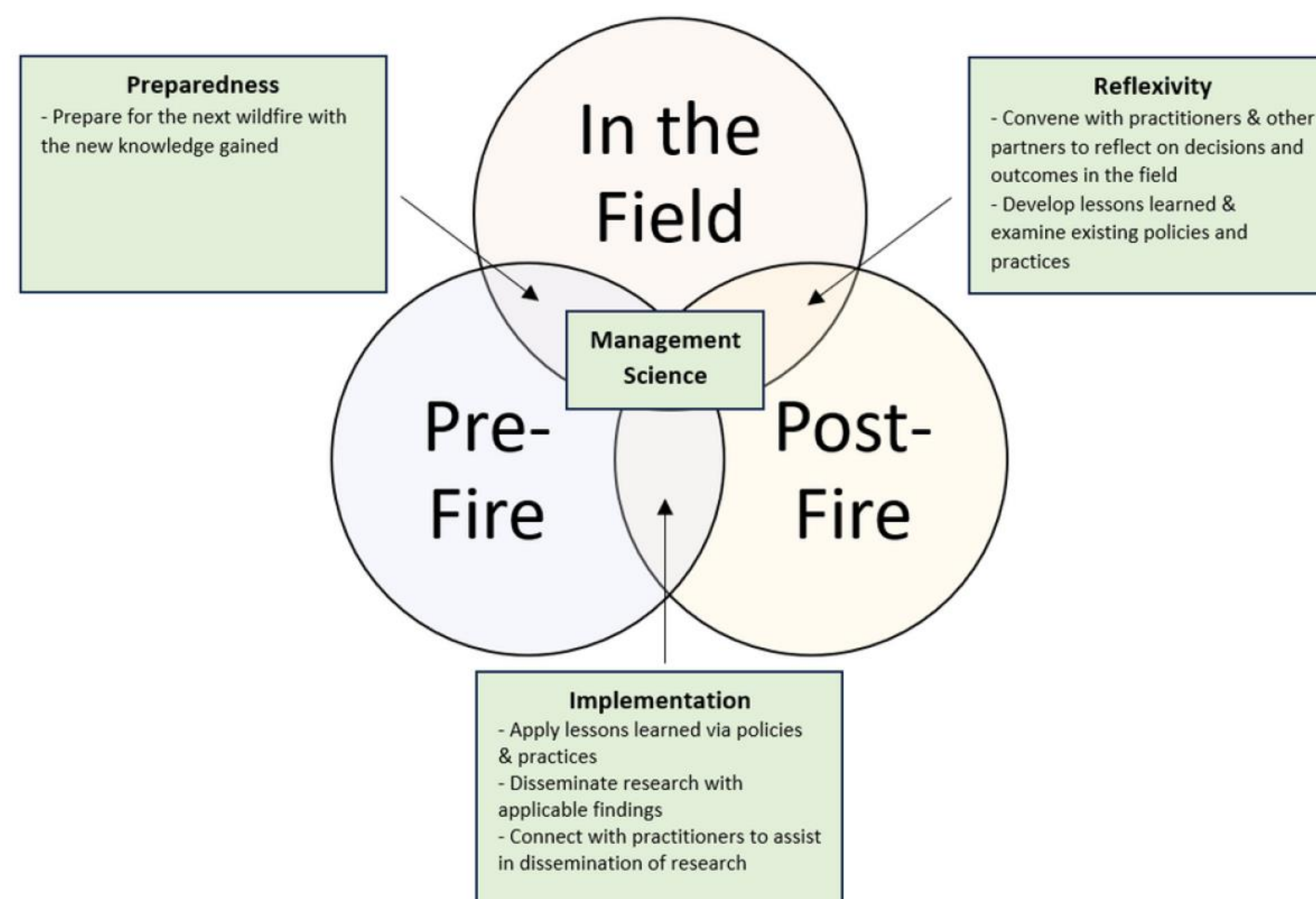
## OUR OBJECTIVE

Given the complexity of wildland fire management and the number of actors necessarily involved in reducing wildfire risk, it is vital to invest in a comprehensive program of management and safety science to **identify current and future organizational challenges** and to **offer evidence-based actions**.



## OUR FRAMEWORK

The framework for the Management Science, Safety & Organizational Learning for Wildfire research program introduces an **actionable approach** to management science, firefighter safety, and organizational learning.



## OUR TEAM

As a long-term effort, this team brings together **highly experienced** fire and line **practitioners** and **senior-level social scientists** to gain insights about wildfire inter-agency organizational learning.



## OBJECTIVE 1

Co-developing research with fire managers and line officers during fire planning and response.

## OBJECTIVE 2

Administering social science action research to investigate the wildland fire response system and build more effective, efficient, and safe processes within the U.S. Forest Service and across multiple wildfire response agencies.

## OBJECTIVE 3

Establishing post-fire research that captures how high performing teams implement lessons learned when engaging complex problems to build long-term organizational learning in wildland fire.

## ONGOING PROJECTS

Identifying non-compensational factors that impact recruitment and retention of wildland fire personnel.

Studying wildland fire managers during complex incident management response to examine decision-making in real-time.

Publishing a special collection focused on wildfire research via Natural Hazards Center's *Research Counts* series.

## WHY OUR WORK MATTERS?

The Management Science, Safety & Organizational Learning for Wildfire group is grounded in a philosophy of **co-development of knowledge and application**.

The innovative nature of this effort presents an opportunity to improve public and firefighter safety, response effectiveness and efficiency, and community and landscape resilience.