

PRESENTED BY UNIVERSITY OF HOUSTON

TAMEST NATURAL HAZARDS SUMMIT

*Responding
to and
Mitigating
the Impacts*

PART I: VIRTUAL SUMMIT

10.19.2021

#NATURALHAZARDSSUMMIT

Theme One:

PREDICTION, WARNING AND RESPONSE TO ALERTS AND WARNINGS

Moderated by:

KISHOR MEHTA, PH.D., P.E. (NAE)

**P.W. Horn Professor of Civil, Environmental
and Construction Engineering**

Texas Tech University



Panel:

Preparing for Future Disasters



ED HIRS, M.B.A.

**UH Energy
Fellow**

*University of
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CHIEF TONYA L.
HOOVER

**Acting Fire
Administrator**
*United States Fire
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DAVID ROBERT MAIDMENT,
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**Professor
Emeritus**
*The University of
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OLGA WILHELMI,
PH.D.

Research Scientist
*National Center for
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Research*



WILDFIRES

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What is the State of the Art to Prepare for Wildfires?

- New Technology and its availability
- Virtual Training Capabilities
 - Firefighter Training
 - Human Factors in the Wildland Fire Service
 - Introduction to Wildland Fire Behavior
- Community Wildfire Protection Plan (CWPP)
- Wildland Firefighter Safety Messaging
 - Situational Awareness



Visit www.usfa.fema.gov/wui/training

What Have We Learned from Recent Disasters?

- Public Education and Awareness of Wildfire Risk
- Prevention
- Community Approach
- Partnerships and Preparedness
- Fire Service Partners at the Table

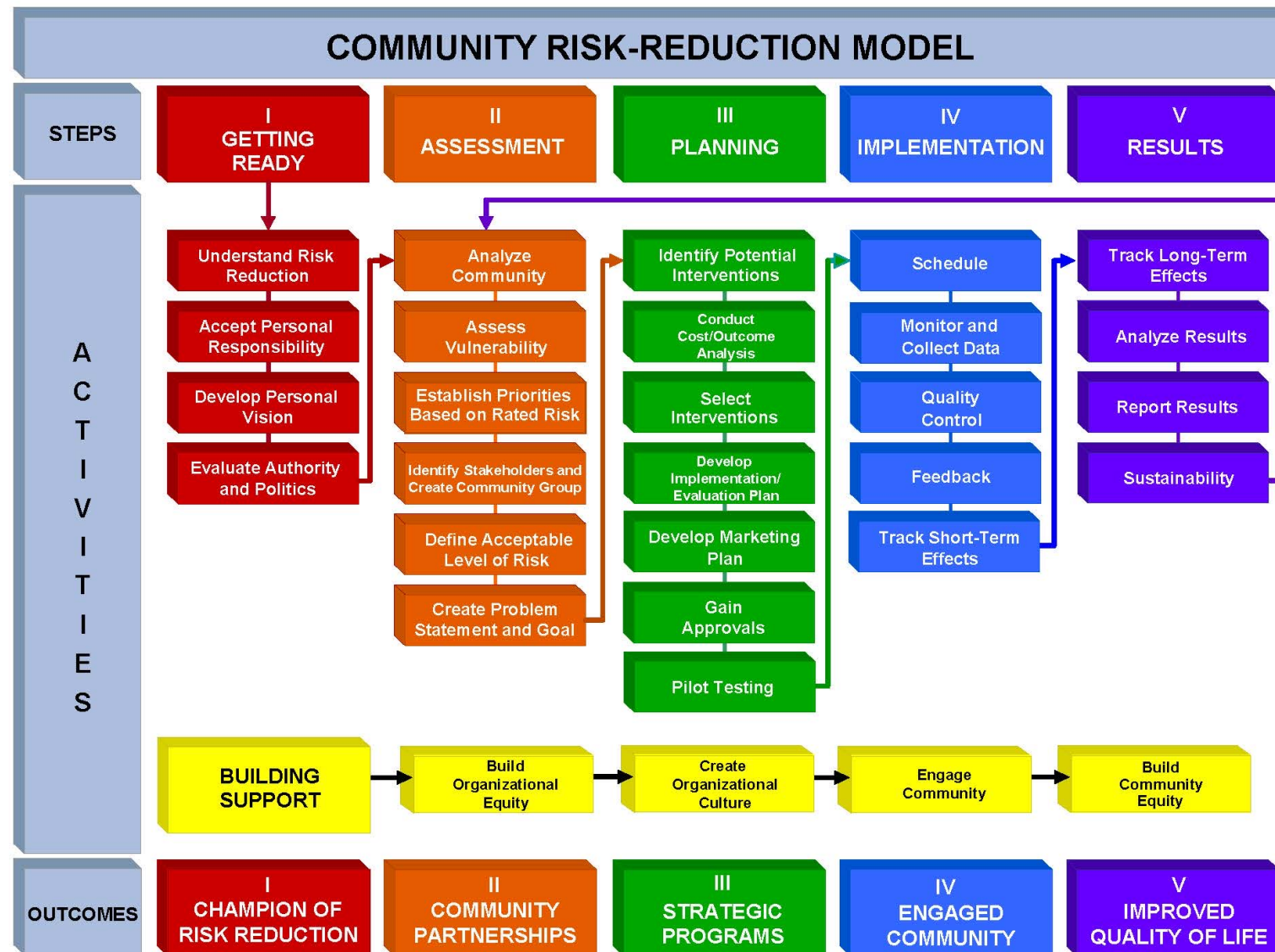


What Have We Learned from Recent Disasters?

- National Incident Management System (NIMS)
- Available Resources in Your Community
- Fire and Building Codes
- Table-Top Exercises
- Communications



Almost 90% of wildland fires in the United States are caused by people.





FEMA



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Administration



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