



RESEARCH FOUNDATION

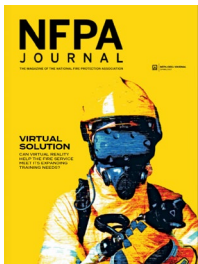
RESEARCH FOR THE NFPA MISSION

FPRF Quarterly Newsletter: 2022 Q1

Q1: Completed Projects and Featured Publications

Completed Projects

- [Firefighting Foams: Fire Service Roadmap Project](#)
- [Public Safety Small Unmanned Aerial Systems \(sUAS\) Compliance Training: Literatures Review & Use Case Study](#)
- [Performance Criteria for Aircraft Hangar Fire Protection Systems](#)
- [Electric Circuit Data Collection: An Analysis of Health Care Facilities](#)



Featured Publications

- NFPA Journal – [The Foundation at 40: Past, Present, and \(Mostly\) Future](#)
- NFPA Journal – [“A spark is all it takes”](#) on “Static Electricity: An Incident Review”
- NFPA Journal – [“Full Immersion”](#) on FPRF Firefighter Immersive Learning Training project
- NFPA Journal – [“Studying the Surge”](#) on “Electric Circuit Data Collection –Health Care Facilities Analysis”
- NFPA Journal – [“Hangar Protection – Beyond Foam”](#) on “Performance Criteria for Aircraft Hangar FPS”
- SFPE Europe Magazine - [Green Buildings: Sustainability Successes Challenge Fire Resiliency](#)

Q1: Projects Initiated

- Validation of recommended emergency actions for liquified natural gas (LNG) in the Emergency Response Guidebook (ERG)
- Resilience and Adaptation to Climatic Extreme Wildfire (RACE Wildfires) Evacuation Simulation Platform
- Continuing Fight Against COVID Together (C-FACT)
- Contamination Resistance as a Measure for Firefighter PPE & Impact on Performance
- [Economic Impact of Fire: Cost and Impact of Fire Protection in Buildings](#)

Q1: FPRF News

- On January 5, 2022, the Fire Protection Research Foundation will be celebrating its 40th year! Follow along as we share articles about our history and how it has shaped the organization, we all know today, and look out for upcoming events to celebrate our 40th year! Read more [here!](#)
- Join the Foundation on the evening of June 6th at NFPA Conference and Expo at a reception to celebrate the successes of the past 40 years!

Q1: Multi-media

- Podcast – [40 Years of Research](#)
- Podcast – [Long COVID and the Fire Service](#)
- Podcast – [The Dangers of Static Electricity](#)
- Learn Something New: [Using Virtual Reality to Train Firefighters](#)
- Learn Something New: [Long COVID and the Fire Service](#)

Q1: Past and Upcoming Webinars

Past Webinars

- *The Long-Term Effects of COVID-19 on Firefighter Health*, on Jan 27, 2022. Recording is available [here](#).
- *Enhanced PPE cleaning to Reduce Firefighter Exposure to Carcinogens*, Feb 17, 2022, Recording is available [here](#).
- *Performance Criteria for Aircraft Hangar Fire Protection Systems*, on March 24, 2022, Recording available [here](#).

Upcoming Webinars

- *Environmental impact of fire: Characterization of emission factors*, on May 18, 2022, 10 AM US ET. Registration opens soon, [here](#).