



SOUTH CAROLINA STATE FIRE

a Division of South Carolina Department of Labor, Licensing and Regulation

South Carolina Fire Academy

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SC Fire Academy Offers NIST Wildland Urban Interface Workshop

In January 2026, the SC Fire Academy will partner with the National Institute for Standards and Technology (NIST) for a free live *virtual* presentation.



The presentation will focus on wildland urban interface (WUI) evacuation challenges and findings, with insights relevant to all WUI communities.

The presenter will share why and how NIST ESCAPE wildfire evacuation methodology was developed, the technical foundation behind it, why it was re-released, and the key improvements, including a new online educational tool. Special attention will be given to small and intermediate-size intermix communities, for whom ESCAPE was specifically designed.

It is recommended that attendees take the free ESCAPE course on the program website prior to the January workshop. ESCAPE website: <https://escape.nist.gov/>

Course Code	Date	Time	Registration Deadline
8890-26W01	Tuesday, Jan. 13, 2026	1:30 p.m. -3:00 p.m.	Friday, Jan. 2, 2026
Click here to register			

ABOUT THE SPEAKER



Alexander Maranghides holds degrees in Mechanical and Fire Protection Engineering from Worcester Polytechnic Institute. He brings over 25 years' experience in large-scale fire testing and post-fire reconstruction. He spent seven years at the United States Naval Research Laboratory, leading fire protection testing and co-inventing the Water Spray Cooling System used internationally on naval ships. At NIST, he led the Large Fire Laboratory and has spent the past 20 years researching wildland-urban interface (WUI) fires, leading major reconstructions and advancing national fire standards. His expertise includes fire suppression, large-scale fire testing, and wildland-urban interface fires.

Questions? Contact [Amy Williamson](#)



Our mission is to be the focal point for service and support to save lives and property.