

Bradley Mayhew

Fireline Factors Consulting

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Education:

B.A., University of Arizona, 2002

M.S., Lund University, Human Factors and System Safety, (in process)

Fire Experience:

U.S. Forest Service Firefighter 2002-2006 (2003-2006: with the Los Padres Hot Shots, a 20-person wildland fire crew stationed in Santa Barbara, CA)

Milestones:

Received the National Wildfire Coordinating Group's (NWCG's) **Paul Gleason Lead By Example Award** (2007) for initiative and innovation in developing the Fireline Factors Curriculum.

Published Work:

Proposed and helped author the Human Factors pages for the ***Incident Response Pocket Guide*** (2006, NWCG).

"**A Human Factors Tool for Wildland Firefighters**" in *The Eighth International Wildland Firefighter Safety Summit: Human Factors - 10 Years Later*.

Appeared in the ***2006 Bureau of Land Management Annual Firefighter Refresher Training Video*** (in Module 9, "Innovations,").

"**The 2&7 Tool**," in *FireRescue Magazine*, August 2008.

"**The Intent of LCES**," in *FireRescue Magazine*, April 2009.

"**The 19th Watchout**," in *FireRescue Magazine*, March 2010 (expected).

"**Is Your LCES Adequate?**" video interview in the ***2010 Bureau of Land Management Annual Firefighter Refresher Training Video*** (upcoming).

Training classes for fire crews and departments:

2005-6:

Los Padres National Forest: Los Padres Hot Shots, Flight Crews H-527 and H-528, Engines 41, 42, 46, 47

2007:

Montecito Fire Department	Redding Hotshots	Mill Creek Hotshots
Kern County Fire Department	El Dorado Hotshots	Laguna Hotshots
Los Padres Hotshots	Tahoe Hotshots	Vandenberg Hotshots
Stanislaus Hotshots	Bear Divide Hotshots	Fulton Hotshots
Del Rosa Hotshots	Los Padres Engine 46	

2008:

Santa Barbara County Fire Department	Cleveland National Forest
Kern Valley Hotshots	(Module Leaders' Workshop)
Folsom Fire Department Chiefs	El Dorado National Forest
Montecito Fire Department	(All Employee Fire Management Training)

2009:

Cal Fire San Benito-Monterey Unit (Safety and Survival Training)	Sequoia-Kings National Park
Lake Tahoe Basin Management Unit	El Dorado National Forest
Rogue River Hotshots (Oregon)	Arrowhead Hotshots
Winema Hotshots (Oregon)	La Grande Hotshots (Oregon)
Klamath National Forest	Union Hotshots (Oregon)
Dixie National Forest (Utah)	Wallowa-Whitman National Forest (Oregon)
Plumas National Forest	Golden Eagles Hotshots
Mendocino National Forest	Los Padres Flight Crew 528 (Sta. Ynez) and Engines 43 and 47
Redding Hotshots	Chino Valley Independent Fire District
Laguna Beach Fire Department	Santa Barbara City Fire Department

Presentations at Conferences, Workshops, and as part of Agency Training classes:

National Aerial Firefighting Academy (Tucson, AZ **2010**)
 Regions 2 & 4 IHC Workshop (Boise, ID **2010**)
 Region 3 IHC Workshop (Tucson, AZ **2010**)
 3rd Int'l High Reliability Workshop (Presentation: "High Reliability in Serious
 Accident Investigation") (New Orleans, CA **2010**)
 S-336 Tactical Decision-Making (Redding, CA **Jan 2010**)
 S-336 Tactical Decision-Making (Redding, CA **Feb 2010**)
 BLM Hotshot Workshop (Susanville, CA **2009**)
 R6 IHC Workshop (Portland, OR **2009**)
 CA Fire Chiefs Assoc. Training Officers Symposium (Fresno, CA **2009**)
 California Interagency Incident Management Team Workshop (Reno, NV **2009**)
 Southern California Assoc. of Foresters and Fire Wardens
 (Camp Pilgrim Pines, CA **2009**)
 10th Int'l Assoc. of Wildland Fire Annual Safety Summit
 (Two presentations: "Knowing Fire, Learning Fire;" and "Operational Risk
 Management and LCES"; Phoenix, AZ **2009**)

Guest Lecturer for UC Davis Extension Course "Human Factors and Operational Risk Management" (Sacramento, CA **2009**)
Interagency Safety Officers' Conference (San Diego, CA **2008, 2009**)
US Forest Service Fire Operations Risk Management Council
(So. Lake Tahoe, CA **2008**)
Hotshot Superintendents and Captains Workshop-Region 5
(Reno, NV; **2005, 2007, 2008**)
Santa Barbara County FD Wildland Fire Steering Committee
(Santa Barbara, CA **2008**)
Ventura County FD Chiefs' Meeting (**2008**)
Firescope Safety Specialist Group (Sacramento, CA **2007**)
LPF Captains and Chiefs Meeting (Cambria, CA **2006**)
8th Int'l Assoc. Of Wildland Fire Annual Safety Summit
(Poster; Missoula, MT; **2005**)
Regional Human Factors Conference (Poster; Human Factors and Ergonomics Society, CalState Long Beach; **2005**)
Bakersfield Innovation Conference (Bakersfield, CA **2005**)

Short Biography:

Brad Mayhew served as a wildland firefighter with the U.S. Forest Service Los Padres Hotshots. Since 2005, he has offered workshops on decision-making, risk management, and other Human Factors topics. He helped author the Human Factors pages in the Incident Response Pocket Guide (NWCG), and his work has appeared in the *BLM Annual Refresher Training Video* and *FireRescue Magazine*. In 2007, he received the NWCG Leadership Committee's "Paul Gleason Lead by Example Award" for Innovation. For more information, visit www.firelinefactors.com, or contact him at (800) 403-8007 or brad@firelinefactors.com.