

# WILDFIRE SCIENCE

FIRE BEHAVIOR    TECHNOLOGY    CLIMATE & WEATHER    HEALTH    URBAN INTERFACE    WILDLANDS    WILDFIRE TRAKKER

## FEATURED STORY

The 2011 Wildfire Season Outlook



## WILDFIRE TRAKKER



## SCIENCEDAILY

Taking stock of US National Fire Plan to restore western forests

Landsat 5 satellite helps emergency managers fight largest fire in Arizona history

How lodgepole pines protect their kind against fire, mountain pine beetles infestation

Forest Service unveils first comprehensive forecast on southern forests

Smoke-related chemical discovered in the atmosphere could have health implications

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## THE EXPERT OPINION



**Jack Cohen**  
*Research Physical Scientist,  
Missoula Fire Sciences Lab*



**Dr. Martin Alexander**  
*Adjunct Professor of Wildland*

## LATEST POSTS

### Wildfire Airtanker Fleet Revamped



by JAMIE BEDWELL & LINDSAY GALIPEAU

Fire Science and Mgmt.,  
University of Alberta



**John Cuddy**

Adjunct Professor, Health and  
Human Performance, University  
of Montana

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*A how-to on building science into mainstream media.*

By NEIL LARUBBIO

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## | Incident Managers Need Sleep



*New sleep deprivation study keys into fire leadership.*

by HANNAH J. RYAN

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*Researchers find strong link between firefighters, booze and ADHD.*

by HOLLIS KENNEY

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## | Forecasting the Path of Wildfire Smoke



*Global warming may bring more wildfire to the Eastern United States. Fire scientists use models to chart the affects on urban populations.*

by HANNAH J. RYAN

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## | Rethinking Wildfire Defense



One Bitterroot family's lesson on the Wildland Urban Interface.

by RACHEL A. SEIDENSTICKER

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Your latest in fireline fashion.

by SAMANTHA ABEL & JULIA WILLIAMSON

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- :: Dignitaries visit the Wallow fire
- :: Incident management team's Information Officer praises city of Sierra Vista
- :: Two firefighters killed and two injured in Florida fire
- :: Video from the cockpit of an air tanker

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- :: Monument (Wildfire)
- :: Willow (Wildfire)
- :: Wallow (Wildfire)
- :: Hastings (Wildfire)
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*Adjunct Professor of Wildland*

## LATEST POSTS

### Prescribed Fire and Landscape Analysis



*Dave Day, from the Gallatin National Forest and Yellowstone Ranger District, explains photo plots.*

Fire Science and Mgmt.,  
University of Alberta



**John Cuddy**

Adjunct Professor, Health and  
Human Performance, University  
of Montana

By HEIDI GROOVER

**Tags:** Technology Wildlands

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*The Ninemile Ranger District lays fire on the mountain.*

by NEIL LARUBBIO

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*Missoula Fire Sciences Laboratory brings fire whirls to life.*

by A.J. MAZZOLINI

**Tags:** Fire Behavior

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