

# Strategic Thinking... Strategic Speaking...

PIO Pre-season Webinar April 25, 2012

### Roberta D'Amico



### Moderator

Communication Director,

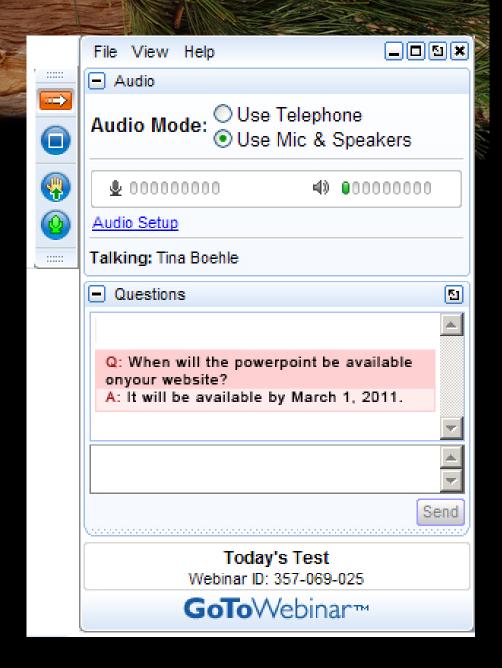
NPS Fire and Aviation, NIFC



# Webinar Topics

- Themes and Messages
- Social Media, Lessons Learned from the 2011 Fire Season
- Predictive Services, Making It Work
- Teachable Moments
- Quick Hitters
- Question and Answers

# GoToWebinar Control PanelAUDIO



## Dan Smith



NWCG Vice Chair;
Fire Director,
National Association
of State Foresters





## Jennifer Jones



Jennifer Jones
Public Affairs Specialist
U.S. Forest Service, Washington Office
Fire and Aviation Management
National Interagency Fire Center

### National Fire Season Themes for 2012

## Using Them To Think and Speak Strategically





 Available online at: www.nifc.gov/PIO\_bb/pio\_main.html



## 1. Keeping the public and firefighters safe is always our first concern.

- Our commitment to safety is reflected in every fire management activity.
- No structure, or natural or cultural resource, is worth the loss of a human life.





## 2. Fire is an essential ecological process and a natural change agent.

- Many landscapes are out of ecological balance. Fire is one way of helping to restore that balance and help landscapes to become more resilient to threats.
- Our focus is on minimizing damage and maximizing the benefits of wildland fire.



## 3. Teamwork and cooperation are essential in managing wildfire.

- Wildfires know no boundaries. The response to wildfire will be coordinated among all affected agencies and landowners.
- Pooling our resources helps keep costs down and effectiveness up.



# 4. Fires are managed in different ways. The same fire may have several objectives, which can change as the fire spreads.

- Our response to wildfire is based on its potential ecological, social and legal consequences.
- Fires that threaten life, property and important natural and cultural resources will be put out as safely and quickly as possible.



### re seasons are influenced by several factors including weather, the amount and condition of fuels and sources of ignition.



### OUTLOOKS

### IATIONAL SIGNIFICANT FIRE POTENTIAL OUTLOOKS

This product provides a monthly outlook and 3-month seasonal trend forecast of significant fire potential for the U.S. National Wildland Significant Fire Potential Outlook (issued the first business day each month). Executive summary

### NATIONAL AND NORTH AMERICAN SEASONAL ASSESSMENT WORKSHOP REPORTS

Seasonal assessment workshops are held each year to develop comprehensive seasonal fire potential outlooks for the specialists, meteorologists, climatologists, fire behavior analysts, fuels specialists, and representatives from Canada a

The reports linked below are the result of this effort,

February 2012: National Seasonal Assessment Workshop Report - EAST: Eastern, Southern & Southwest Areas May 2011 National Seasonal Assessment Workshop Report - WEST Western States & Alaska May 2011: North American Seasonal Assessment Map

Geographic Area Outlooks	Daily	7 Day Fire Potential	
Each Geographic Area Predictive Services (	unit produces fire weather, fire dang	er, and fire potential reports. Pro	oc
Alaska	Daily	7 Day Fire Potential	n
Eastern		7 Day Fire Potential	
Eastern Great Basin	Daily	7 Day Fire Potential	ı
Northern California	Daily	7 Day Fire Potential	ı
Northern Rockies	Daily	7 Day Fire Potential	
Northwest		7 Day Fire Potential	-
Rocky Mountain	Day 1	7 Day Fire Potential	
	Day 2	r Day Fire Poternial	
Southern	Daily	7 Day Fire Potential	
Southwest	Day 1	7 Day Fire Potential	
	Day 2	r Day File Potential	
Southern California	Daily	7 Day Fire Potential	
Western Great Basin		7 Day Fire Potential	

This year's fire season is especially challenging to forecast. Conditions have not been typical. We expect above-average activity in some areas, but it's too early to determine exactly where

		···ICIF
Briefing	Monay	
Briefing	Monthly	Dealace
Briefing	Monthly	Seasonal
Briefing	Monthly	Seasonal

### 7-DAY SIGNIFICANT FIRE POTENTIAL - STATIC NATIONAL MAP(S)

These maps are a compilation of Geographic Area 7-Day Significant Fire Potential Outlooks. This product should be fully updated by 12 00 MDT daily

Lower 48 7-Day Significant Fire Potential National Map

Alaska 7-Day Significant Fire Potential National Map

Note: These outlooks are only posted when Geographic Areas are in fire season and Predictive Services staff are on duty

PREDICTIVE SERVICE GEOSPATIAL WEB PORTAL

Predictive Services Geospatial Products and Data - Including static and Interactive map products

### 7-DAY SIGNIFICANT FIRE POTENTIAL PRODUCT DES

7-Day Significant Fire Potential Product Description

### CONFERENCE CALL PAGE

Conference Call Links

## 6. Firefighters count on the public to help reduce risk.

- When residents of a fire-prone community clear brush, trees and other flammable materials away from their home, it helps keep residents and firefighters safe. A community that has adapted to fire is a better-protected community.
- Firefighters appreciate
   the help given to them
   by people who are
   willing to do their part
   to reduce risk prior to a
   fire incident.



## How you can use the themes to think and speak strategically:

- Develop tiered messages for your unit and/or incident.
- Deliver tiered messages when you are speaking to key external audiences.

### Thank You

Thank you for all the great work that you do in wildfire communications!

We are here to help!

jejones@fs.fed.us

(208) 387-5437



### Michelle Fidler

NPS Fire Communication and Education Specialist



### A SIMPLE Approach to Social Media

- **S** trategize
- **I** mplement
- **M** onitor
- P lan
- L everage
- **E** valuate



## ocial media tools are tactics as part of the overall information strategy

- Reasons to use social media
  - To reach online / mobile audiences
    - Evacuees and their friends and family
    - Absentee homeowners
    - Residents that are out of town
    - **Tourists & Recreationists**
    - Elected officials
    - Incident personnel
  - Ability to meet audience needs
    - High resolution maps and images for media use
  - Backup sources of info when one system crashes
  - Ability to update from the field

### COMMUNICATION STRATEGY

### SITUATION / SOCIO-POLITICAL CONCERNS

- Local communities / businesses
- Visitors / recreationists
- Media
- Elected officials

- Agency Personnel
- Incident Personnel
- Partner Agencies Nearby Incidents

### OBJECTIVES

- Keep internal and external audiences informed with accurate, timely information.
- Be the first and best source of information about the fire; Update information frequently,
- Address rumors to prevent confusion.
- Accommodate media requests quickly and safely.
  - Communicate consistent messages about the benefits and risks associated with wildland fire.
- Collaborate with interagency and community partners for maximum efficiency and effect

### STAFFING

Current

### KEY MESSAGES

- Safety always comes first in fire management.
- Fire management decisions are based on many factors.
- In general, fire seasons are becoming longer and many fires are more difficult to suppress.
- In fire, we all work together.
- Firefighters count on you.

### TACTICS

- □ Info Center Daily Briefings
- Daily Update News Releases
- Notification Phone Calls
- E-mail Website
- Inciweb
- Social Media Handouts
- Fire Info Boards Traplines
- Roving Contacts
- Community Meetings

### Community Events

Tours of Camp / Fire VIP Briefing Packets

**Employee Meetings** 

Press Conference

Camp Boards for Fire Personnel

Info Updates for Spike

Media Escorts

- Incident Newsletter

Accurate media coverage? Web chatter? Community feedback? Host unit feedback?

### Possible monitoring tools include:

- http://news.google.com
- http://www.google.com/reader
- http://www.google.com/alerts
- http://www.icerocket.com/

- http://technorati.com/
- http://addictomatic.com/
- http://www.monitter.com/
- http://trendsmap.com/

2012 PIO Incident Organizer - p. 10

### Case Study The E-Trapline Unit on the 2011 Wallow Fire **Lead PIO** Media **E-Trapline** Call Center Community Info Center **E-Trapline** Internal Media **Twitter** E-mail Inciweb Flickr Texts to PIOs Monitoring Photo by Kari Greer

### Implement

Social media tactics after host unit and IC have approved their use

- Use existing resources
  - Host unit accounts
  - IMT accounts
  - Interagency accounts

- Built-in Inciweb Tools
  - Twitter
  - Video (Coming Soon!)
  - Built in sharing tools

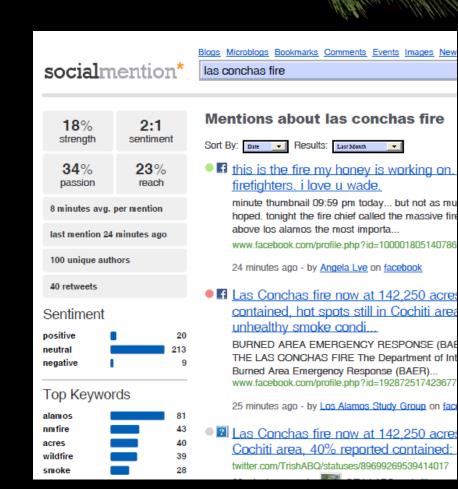




### Monitor

Social media to identify rumors, track trends, and document public sentiment

- Monitor key sites
  - Partner agencies
  - Local media
  - Elected officials
  - Community leaders
  - Wildland fire sites
- General monitoring
  - Google.com/Alerts
  - SocialMention.com
  - Icerocket.com
  - Addictomatic.com



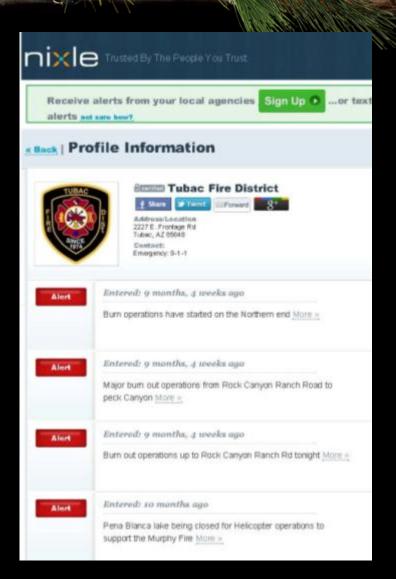
## Plan Ahead and Be Flexible

- Got a Contingency Plan?
  - Ask partner agencies for help getting the word out
  - Send a PIO off-site where power/internet is available
- What about Transition?
  - Coordinate with other teams / area command
  - Document how-to protocols, passwords, etc.
  - Provide a link to new source for info / home unit



### Leverage Existing Resources

- State/local interagency
- County Emergency Mgmt
- Sheriff's Dept
- Local Fire Dept
- Volunteers



### Case Study

The Deployment of Trusted Digital Volunteers in the 2011 Shadow Lake Fire

- Hand-picked group of trusted remote volunteers with social media skills
- Volunteers only posted content approved by lead PIO
- Volunteers monitored rumors and maintained documentation



Shadow Lake Fire Information
Sisters, OR
Information Line (541) 595 - 6359

http://www.inciweb.org/incident/2550 Get fire info on Twitter at ORFireInfo Orfireinfo.net Email: shadowf1111@qmail.com



InciWeb



Twitter ORFireInfo



Black Butte Ranch Webcam



Northwest Coordination Center

## **Evaluate**Site stats from Twitter, Flickr, etc.

- @AS\_NF reached 24,632 people with 50 most recent tweets (as of 6/15)
- 675 new @AS\_NF Twitter followers in <8 days</li>
- AS-NF photos viewed 672,673 times in 10 days
- In a single day (June 9<sup>th</sup>), Flickr photos were viewed over **144,477** times
- Flicker images that were tweeted were viewed nearly 2x as many times



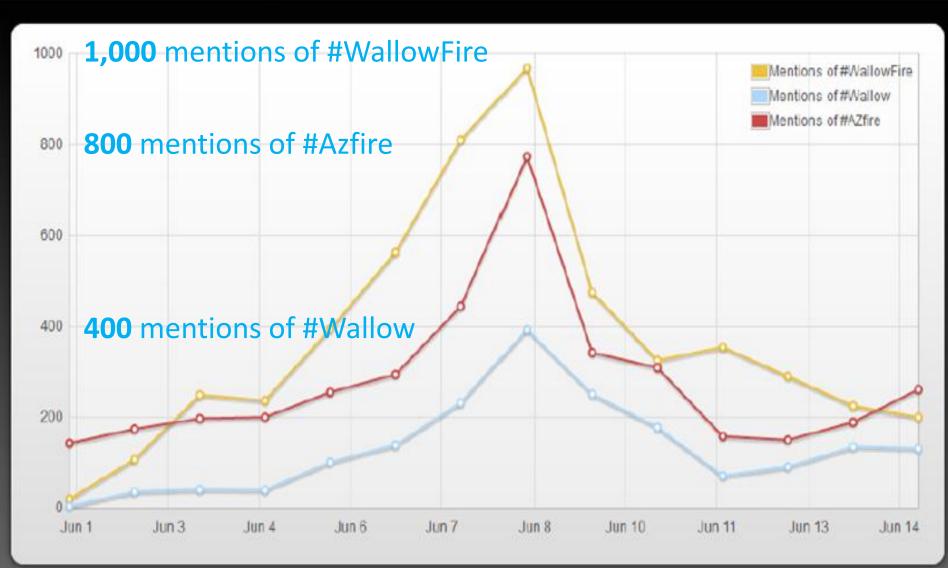
### wf 50

The DC-10 Very Large Air Tanker (VLAT) drops fire retardant to reinforce the line above...

© Anyone can see this photo (edit)
Uploaded on Jun 12, 2011 | Delete
783 views / 1 comment

### **Evaluate**

Trends with analytic tools like Socialmention.com



### 2011 Fire Season Lessons Learned

 Social media tools are essential tactics on large incidents

 You can't control social media; Learn how to harness it to work for you

 If you don't engage, others will fill the void Arizona stays connected, informed on Wallow Fire through social media

Wallow Fire: Social media essential to coverage

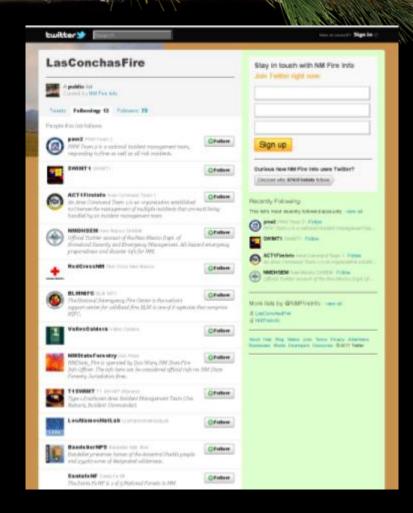
Social media sites become valuable link to wildfire updates, resources

Facebook Group Created for Those Affected by Wallow Fire

## Case Study 2011 Las Conchas Fire Twitter List

### @NMFireInfo/LasConchasFire

- @SantafeNF
- @LosAlamosNatLab
- @NMStateForestry
- @VallesCaldera
- @BandelierNPS
- @NMDHSEM
- @ACT1FireInfo
- @<u>T1SWIMT</u>
- @SWIMT1
- @pnw2
- @RedCrossNM
- @BLMNIFC



### NEW1 Official Fire Information Logo

- Logo available on NIFC PIO Bulletin Board
  - http://www.nifc.gov/PIO\_bb/ social\_media.html

 Use it to "brand" official information sites in a nonagency logo, interagency way



### Social Media Resources



### PIO Bulletin Board

### WHAT'S NEW

Agency-specific Information

**Background Material** 

Contacts

Policy

Season Messages

Sites of Interest

Webinars

### Social Media

Interagency Social Media Lessons Learned

Official Fire Information Logo

Official Fire Information Logo jpg

DHS First Responder Communities of Practice Virtual Social Media Working Group Social Media Strategy

Trial By Fire: The Deployment of Trusted Digital Volunteers in the 2011 Shadow Lake Fire

### In the Spotlight

Fire outlook for current mont 2011 National Mobilization G 2012 "Red Book" and 2011

Sit Report

PIO Bulletin Board

Fire Season Podcasts

Join us on Twitter, Facebo You Tube, and Picasa:



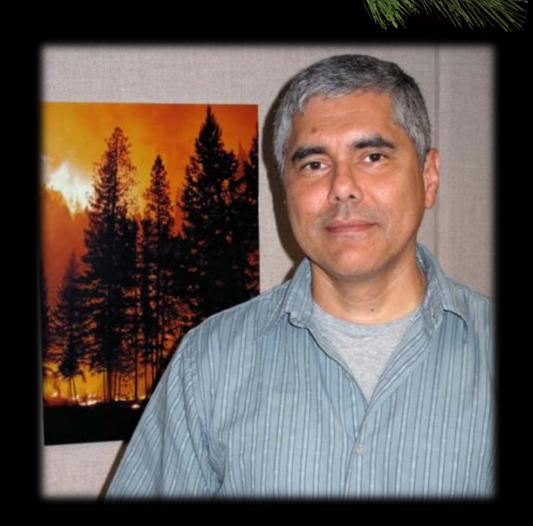




http://www.nifc.gov/PIO\_bb/social\_media.html

## Ed Delgado

Predictive Services, Program Manager



## Predictive Services Who and where we are...

- Interagency decision support unit.
- Meteorologists, Intelligence Coordinators, Fire Analysts
- National program manager at NICC
- Units at each Geographic
   Area Coordination Center





## Predictive Services What we do...

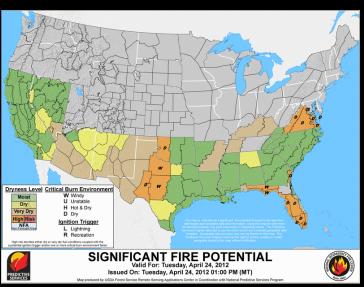
- Support for operational management of and strategic planning for wildland firefighting resources.
- Three primary functions:
  - Fire weather and climate.
  - Fuels and fire danger.
  - Fire activity and resources intelligence.

## Predictive Services What we do...

- Products and services:
  - Weekly, monthly and seasonal outlooks.
  - Daily assessments of critical fire conditions.
  - Briefings for multi-level decision support.
  - Fuels and fire behavior advisories.
  - Research and development.

#### Predictive Services Products...

- 7-day (Weekly) Outlook
  - Assesses potential for significant fire based on fuels
    - condition and weather.
  - Identifies high risk events such as lightning, strong winds, low relative humidity, etc.



National and regional outlooks produced daily.

## Predictive Services Products...

- Monthly Outlook
  - Assesses potential for significant fire based on medium to long term climate and fuels trends.
  - National and regional outlooks released first business day of month.

#### National Wildland Significant Fire Potential Outlook



National Interagency Fire Center Predictive Services

> Issued: April 1, 2012 Next Issue: May 1, 2012



#### Wildland Fire Outlook - April through July 2012

The April through July 2012 significant fire potential outlooks are shown below. The primary factors influencing these outlooks are:

- La Niña/El Niño: Conditions in the equatorial Pacific continue to trend toward a neutral state with some hint of weak El Niño conditions developing in the summer months.
- Drought: Severe to extreme drought conditions continue for much of eastern New Mexico, western Texas, parts of the upper Midwest and much of the Southeast coast. Worsening idrought was occurring over much of the Southwest including California and the Great Basin.
- Fuel Dryness: Heavy loadings of fine fuels across the central U.S. coupled with pre greenup
  conditions are causing control problems and leading to some increased fire behavior when
  coupled with wind events. Elsewhere, moisture and temperatures across the northern tier
  have helped reduce fuels concerns. In the southwestern quarter of the country a combination
  of prevalent fine fuels and the possibility of a drier than normal season could lead to
  significant fire concerns as the season progresses. In the southeast drought continues to
  create abnormal fuel dryness.





Note: Significant fire potential is defined as the likelihood that a wildland fire event will require mobilization of additional resources from outside the area in which the fire situation originates.

## Predictive Services How these can help you...

- Briefing/talking points.
  - Executive summary for monthly.
- Local and regional emphasis.
- Consistent message throughout fire organization.
- Routinely updated.

## Predictive Services Where you can find...

http://www.nifc.gov/nicc/



## Predictive Services To contact...

To contact national or regional Predictive Services units:

### **NIFC Fire Information Hotline**

208-387-5050

# Kris Eriksen



- National Incident Management Organization Portland Team
- Public Information Officer



**Virtual Operations Support Team** 

#### **SMEM Landscape**

#### **Social Media in emergencies**

IMT's and other emergency managers have started to realize the critical role social media can play in communicating with their community and the rest of the world in an emergency or disaster.



- Communities have higher expectations around official emergency information being available and provided in a timely manner.
- The public expects official use of social media streams, and they expect emergency managers to monitor and respond to requests for information over these streams as well.
- However, few emergency management organizations including IMT's are equipped to do this kind of social media monitoring and communication at scale.

#### What is a VOST?

- Trusted agents, with significant and proven social media skills, that are organized and under the direction of incident personnel.
- VOST can help expand an IMT's ability to engage with the public during emergencies, and as part of the recovery phase.





## Using additional trained resources is NOT a new idea!





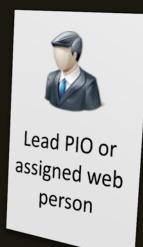
Amateur Radio volunteers continue to support communication for the emergency operations center (EOC) in the US.



In conjunction with the Digital Operations Center, the Red Cross also announced the creation of a Digital Volunteer Program.

#### How can a VOST assist your IMT?

Your Incident Management Team







- Listen
- Filter
- Aggregate





#### **Tasked**

- Information finding
- Spot Trends
- Information dissemination

#### **Autonomous**

- Monitoring public voice
- Amplifying official message
- Gathering

#### How it works

- All information about the fire is generated by the IMT PIO's.
- Any changes made to that info by the VOST are submitted to IMT PIO for approval.

IMT PIO

Skype , Dropbox, Gmail, Gdocs

> PIOs push information for the public to the VOST using a variety of methods & tools.

- VOST builds all social media sites, monitoring methods and communication structures for the group.
- VOST converts info to lengths useable for various sites.
   Altered info is approved by IMT.

VOST Members

#### Public

- VOST pushes information to the public.
- VOST captures concerns and issues from the public.
- VOST feeds back issues, questions and results of monitoring to the IMT PIO.



#### **ORfireinfo**

Virtually supporting Oregon Wild Fire Teams



### Organized group of Volunteers who:

- Set up
- Posted
- Updated
- Monitored
- Documented

#### @ORFIREINFO

- TVW:)MT @pioresearcher: @LaITdenix, @palen B I just completed Shadow Lake Fire #VCST case study http://Los/BOCA.si.TA Thx o participants/follow us for the latests; smooth ago.
- RT @\_inphillips: Academic Paper from @epiccolorado on our Shadow Lales ORfire #YOST instance http://t.co/RTILWBt #CMESM #crisidataFollow us for the latests month ago
- RT @eneitml @FamblingChief: Please support is learn about the voidland Firefighter Foundation http://t.co/whdCEFST#WFF

#### Shadow Lake Fire Update, 09/18/2011 #ORfire

Posted on September 18, 2011 I Leave a comment

Date: September 18, 2011 McKenzie River Ranger District (541) 822-3381

Shadow Lake Fire Idles as Rehabilitation Continues

Sisters, Oregon - On Sunday, the Shadow Lake Fire is expected to continue to smolder and produce minimal smoke. Cool weather is predicted with a chance of drimle. Fire behavior potential may increase this week as it gets warmer and fuels dry after this cooler, damp period ends.

Sunday's objectives in the operational plan call for continuation of hazard tree removal, chipping of fire-debris and spot fire-patrol along the north, west and east perimeter of the fire. Additionally, firefighters are continuing rehabilitation work on areas altered as a result of suppression activities. The objective of rehabilitation is to return altered areas to pre-fire conditions as much as

#### SHADOW LAKE FIRE RELATED EVENTS, MEETINGS

SHADOW LAKE FIRE PUBLIC MEETING Tuesday, 7FM at McKennie High School Gym et 51187 Blue River Dr., Finn Rock, OR 07458

#### NEWS FROM THE INCIDENT MANAGEMENT TEAM

 An error has occurred; the feed is probably down. Try again later.

Sec.

Tools used: Blog, Facebook, Twitter, Flicker

#### **VOST Cycle**

Disaster occurs/event selected

VOST
communicates
between activations
to stay current on
tools/platforms &
protocols

Decision to activate VOST team

VOST does a prelaunch sweep of incident area to determine need.

Documentation is compiled, AAR done, VOST is demobed

VOST functions under Incident command principles & works for the IMT PIO Set tasks, priorities, schedule, finalizes tools/platforms

### Things to keep in mind

- A VOST should be organized pre-season to build relationships, determine structure and tools, and agree to protocols.
- No, there is no guarantee everyone will stay inside the protocols. Same as in your PIO shop.
- If you are the lead and you are Forest Service, you might have your VOST team fill out Volunteer Agreements, just to be safe.

### Things to keep in mind

- The Eriksen VOST, this year has added Pinterest and crowdsourcing as tools we will be trying, along with Facebook, Twitter, Flickr and a Wordpress blog.
- Details about the Shadow Lake VOST are available on the PIO BB at www.nifc.gov, under Background Material, under Social Media.

### Things to keep in mind

If you are interested in having a VOST to assist your team this summer, we can help you build one. Contact Kris Eriksen at:

keriksen@fs.fed.us

208-869-7685



## Randy Eardley

Randy Eardley
Deputy Chief, External Affairs
Bureau of Land Management,
NIFC





## Miscellaneous PIO Issues and Information

### CS Form 209

- ICS Form 209 is changing to the NIMS Form 209.
- Existing 209 outdated, doesn't comply with NIMS standards, and doesn't meet IT security needs.
- Existing 209 does not facilitate info sharing and coordination between agencies and responders.



### Changes to 209

- Slightly larger and more comprehensive
- Will report all-hazard incident status information
- Will provide more info on incident threats to public
- Will allow more depth in reporting of resources assigned

## Changes to 209

#### **Key Points**

- 209 is going to look different
- 209 going to contain more information, especially in regard to non-fire incidents
- 209 will still remain the source of official information about an incident

#### Incident Management Situation Report

- The IMSR, or familiarly, the "Sit Report" is being improved.
- Confusion in understanding true scope of large fire activity in the "multiple objectives" era.
- Metrics like "% contained" are meaningless when a team is not trying to contain a fire.
- For past few years, number of large fires managed for multiple objectives was the only info on IMSR.

## Changes to IMSR

- New table this year "Other Fires"
- Summarize info about large fires managed for multiple objectives.
- Aggregated by geographic area, not individual fire.
- Acres burned, crews/engines/helicopters, total personnel assigned.
- Other Fires table is updated every Friday in IMSR.

Launch date depends on changes to 209, but should start seeing changes in IMSR in May.

#### **Key Points**

- Accurate info about large fires managed for multiple objectives has been lacking due to reporting system.
- New data table will help alleviate that and allow users to better grasp national picture of large fires.

National Interagency Coordination Center Incident Management Situation Report Friday, April 20, 2012 - 0800 MT National Preparedness Level 1

#### National Fire Activity

Initial attack activity: New large fires: Light (73 new fires) Large fires contained: Uncontained large fires: \*\* Area Command Teams committed: NIMOs committed: Type 1 IMTs committed: Type 2 IMTs committed:

Nationally there are no large fires being managed to achieve multiple objectives. \*\* Uncontained large fires include only fires being managed under a full suppression Link to Geographic Area daily reports.



## Election Year

- Large fires may attract more attention in 2012
- Discuss treatment of VIP visitors with host agency during in-briefing.
- Be willing to equally inform candidates and incumbents about wildland fire.

### Plo Qualifications

- Several NIMS "I" and "IS" courses now required for PIO qualifications at all levels
- Depending on your agency, some course are required now and some by October this year.
- Those already qualified do not need to go back and take courses; only to advance
- Need to stay on top of this; check with unit training
   Officer or IQCS lead.

## Plain Language

- A lot of external audiences don't understand jargon.
- Speak and write <u>clearly</u>.
- Help IC and staff members do the same.
- www.plainlanguage.gov has a lot of resources.

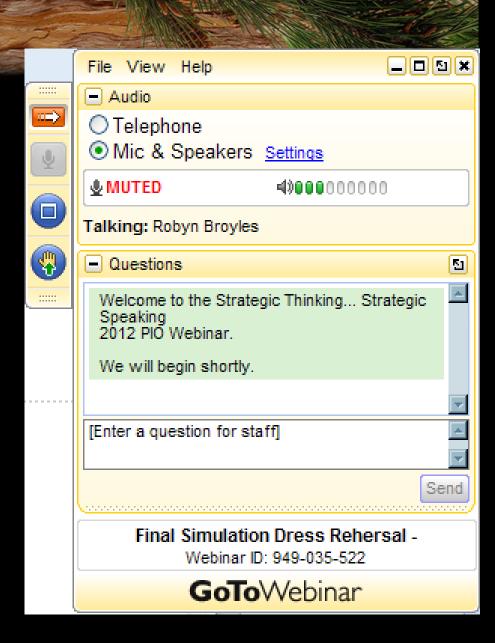


### Plo Bulletin Board

- http://www.nifc.gov/PIO\_bb/pio\_main.html
- Lots of info there especially for you.
  - Statistics
  - Job aids
  - Briefing materials
  - Tool kits
- Well worth spending ten minutes exploring the site.
- Let your agency contact know if there are things you'd like to see on the PIO Bulletin Board!

# GoToWebinar Control Panel QUESTIONS

- If you have already queued up a question, great!
- Or you can type in your question now.
- Please let us know what organization / agency you are with and if you would like a specific presenter to answer your question.





## Thank you!

Visit us at:

www.nifc.gov/PIO\_bb.html