



INTRODUCTION TO MNICS IT:

IT SUPPORT SPECIALIST (ITSS)

GIS SPECIALIST (GISS)

Tuesday, November 1, 2016 12:00-1:00pm
Shelly Carroll and Meggan Nadler



AGENDA

12:00pm Welcome and introductions

- 1. What is MNICS? MIFC?**
- 2. What are IMTs?**
- 3. Duties and expectations**
 - 1. ITSS**
 - 2. GISS**
- 4. What to expect at an incidents/events**
- 5. Next steps to involvement**

13:00pm Adjourn

A photograph of a powerful volcanic eruption. A thick, billowing plume of white and grey ash and steam rises high into the sky from a mountain. At the base of the volcano, bright orange and red lava flows are visible, cascading down the slopes and spreading across the surrounding landscape. The foreground shows a dense forest of evergreen trees, some of which are partially obscured by the ash and lava. The overall scene is one of immense natural power and scale.

WHAT IS MNICS?

An aerial photograph showing a large fire burning in a forested area. Thick, white smoke billows upwards from the fire, partially obscuring the sky. The fire is situated near a body of water, with several small, green, forested islands visible. The overall scene depicts a significant environmental incident.

WHAT IS MNICS?

The Minnesota Incident Command System (MNICS) began in 1984.

MISSION OF MNICS

To provide coordination, education and implementation of the Incident Command System to support all risk incidents in Minnesota and nationwide.



An aerial photograph of a large wildfire. Thick, billowing white and grey smoke rises from the fire, filling the upper two-thirds of the frame. Below the smoke, bright orange and red flames are visible, consuming a dense forest of trees. The foreground shows the dark, charred ground and the edges of the burning forest.

AGENCY PARTNERS IN MNICS

- **BIA** Bureau of Indian Affairs
- **HSEM** Minnesota Department of Public Safety, Homeland Security & Emergency Mgmt
- **DNR** Minnesota Department of Natural Resources
- **NPS** National Park Service
- **USFS** United States Forest Service
- **USFWS** United States Fish and Wildlife Service
- **Minnesota Fire Chief's Association**

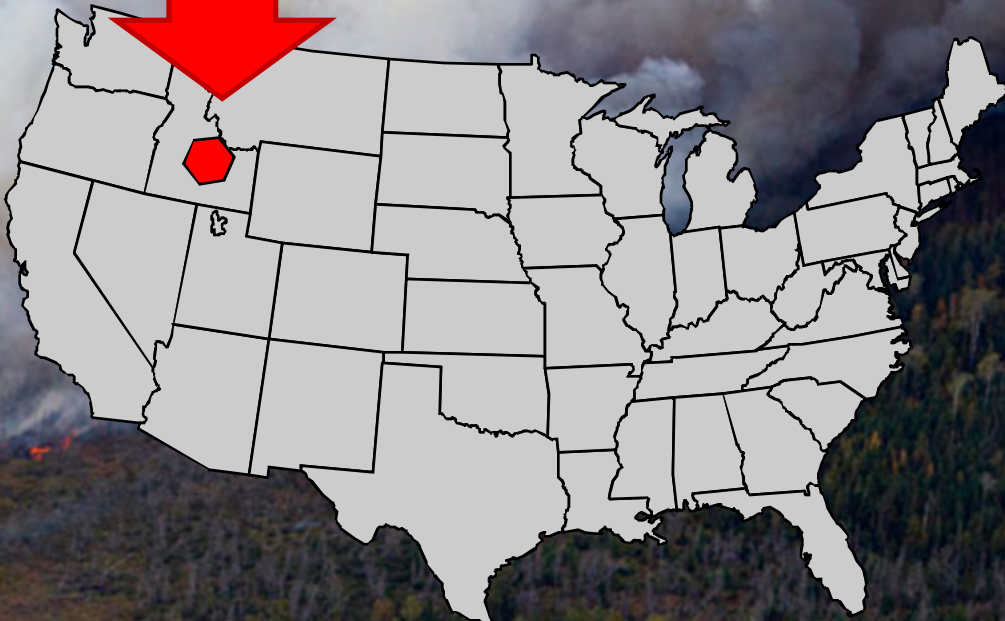
COORDINATION CENTERS



**Minnesota Interagency
Fire Center (MIFC)
Grand Rapids, MN**



**Eastern Area
Coordination Center (EACC)
Milwaukee, WI**



**National
Interagency
Fire Center
(NIFC)
Boise Idaho**



MNICS SERVICES

Interagency Incident Management Team (IMT) Support

- Three Type II Interagency IMTs
- Teams are highly trained and nationally Qualified for use on all-risk incidents



MIFC

Minnesota Interagency Fire Center

- Physical facility in Grand Rapids recognized by emergency management organizations nationwide.
- Central location for shared staff, dispatch, cache, training facilities
- Houses Northeast Interagency Fire Cache

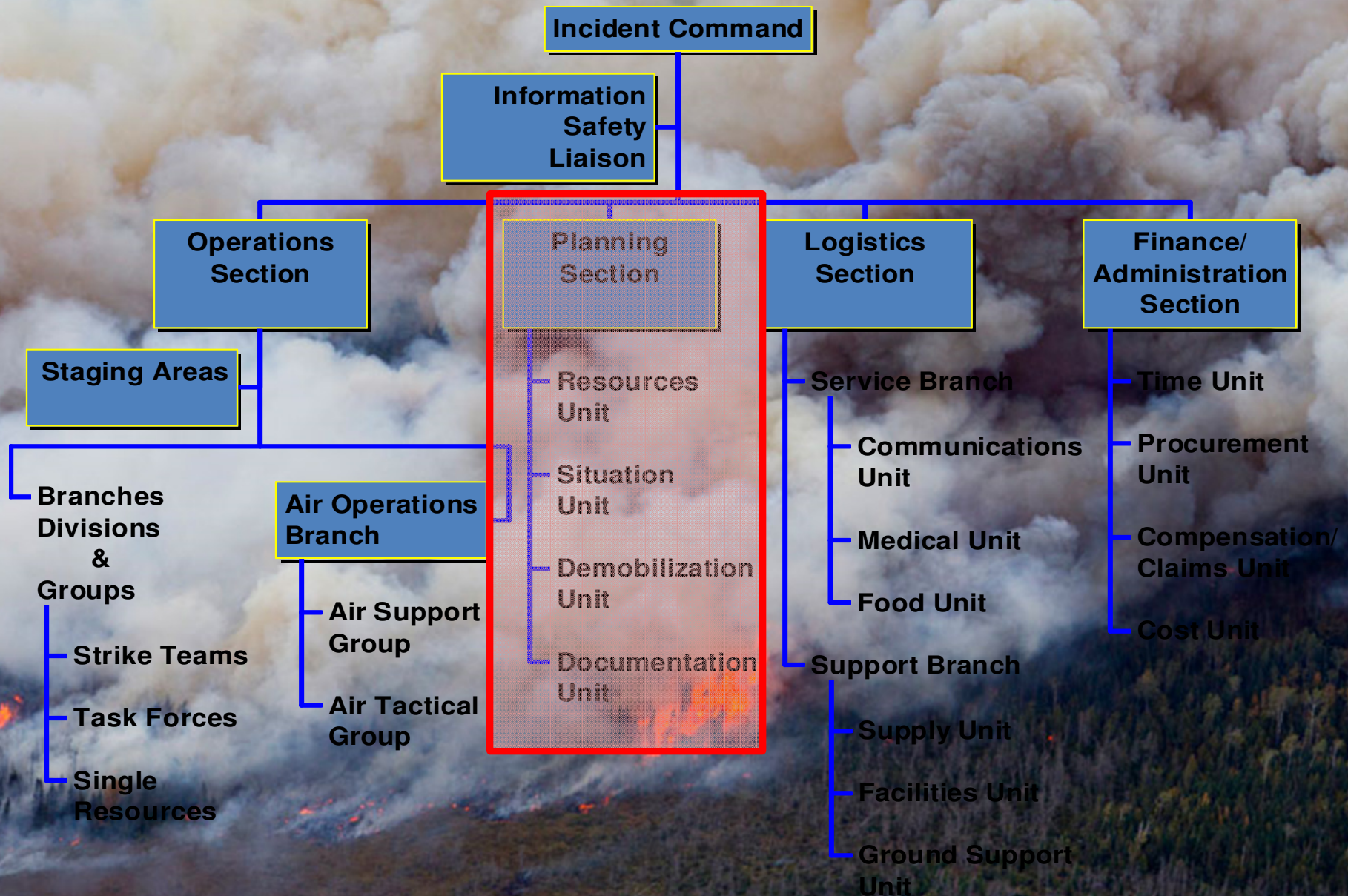
A dramatic aerial view of a volcanic eruption. A massive, billowing plume of white and grey ash and smoke rises high into the sky, dominating the upper two-thirds of the frame. At the base of the volcano, bright orange and red lava flows are visible, cascading down the slopes and spreading across the foreground. The surrounding landscape is a dense forest of green and brown trees, partially obscured by the lower reaches of the ash plume and smoke.

WHAT ARE INCIDENT MANAGEMENT TEAMS?

WHAT ARE INCIDENT MANAGEMENT TEAMS?

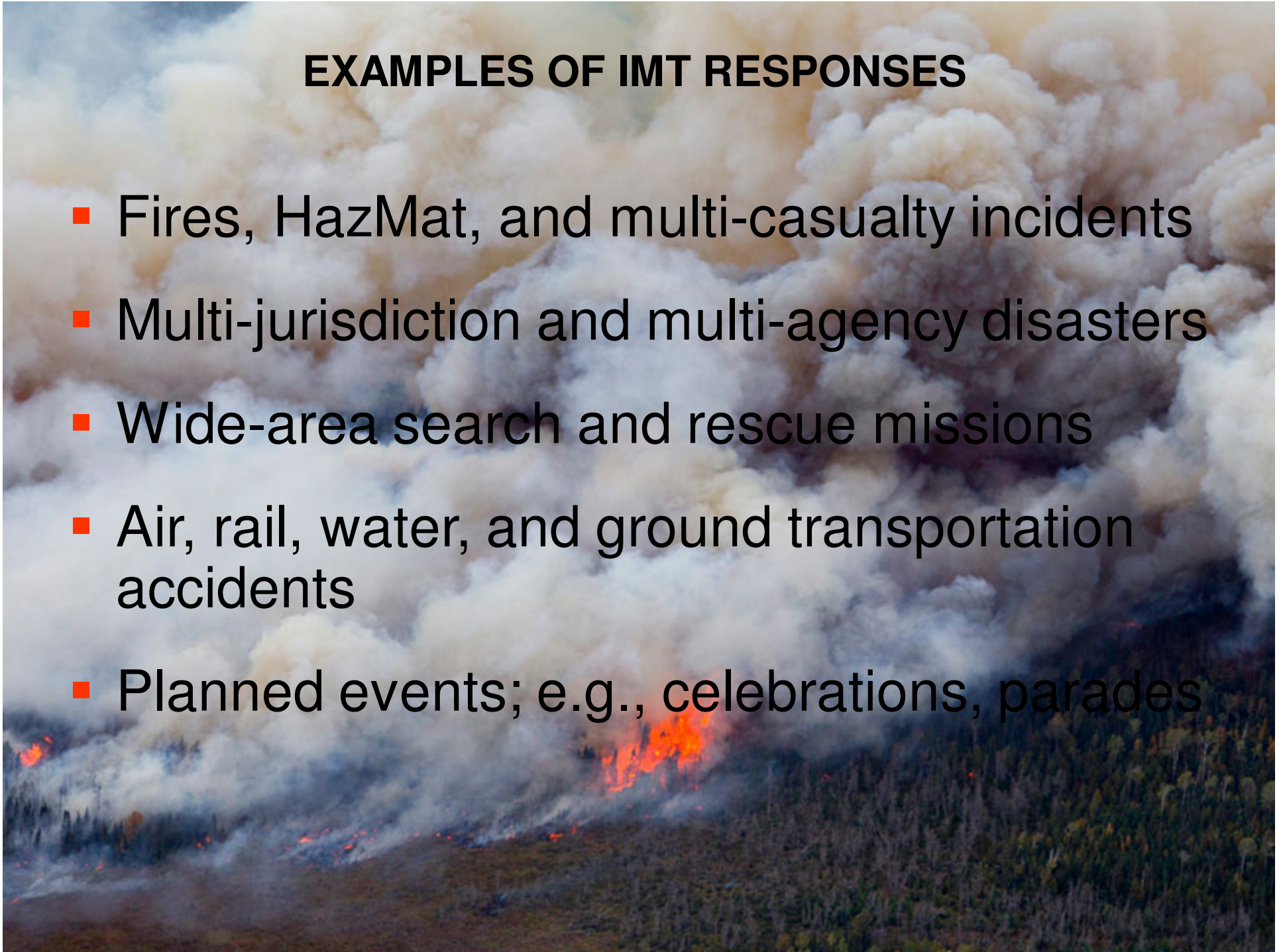
- A group responding to an incident, where group duties are defined and modularized
- Levels of IMT response:
 - Type 5: Area/Township
 - Type 4: City/County
 - Type 3: State
 - Type 2: State/National
 - Type 1: State/National

MNICS IMT STRUCTURE



EXAMPLES OF IMT RESPONSES

- Fires, HazMat, and multi-casualty incidents
- Multi-jurisdiction and multi-agency disasters
- Wide-area search and rescue missions
- Air, rail, water, and ground transportation accidents
- Planned events; e.g., celebrations, parades



1997 East Grand Forks Flood



1997 St Peter, Minnesota Tornado





**July 4, 1999
BWCAW
Blowdown**

Katie Poirier Search



MNICS IMT TEAM INFORMATION

- Three Minnesota Type II teams (A,B,C)
- 60 National Teams
- Rotation every third week: Tuesday to Tuesday
 - Must stay within 1 hour response window. No pay.
 - During high probability for incidents, teams placed “On Alert”, receive some overtime pay
 - If named team positions can’t cover the week, they must arrange an alternate
- Trainees called depend on incident (up to 6)

A dramatic aerial photograph of a volcanic eruption. A massive, billowing plume of white and grey ash and smoke rises high into the sky from a forested landscape. At the base of the plume, bright orange and red lava flows are visible, contrasting sharply with the dark green trees and the dark ground. The text "DUTIES AND EXPECTATIONS" is overlaid in the center of the image.

DUTIES AND EXPECTATIONS

ITSS DUTIES AND EXPECTATIONS

- Unpack, assemble, and network equipment
- Establish an Isuite database and connect users
- Coordinate establishment of internet connectivity
- Provide professional, timely user support
- Manage hardware and software issues
- Cope with worst possible environments: *hot / cold / wet / dusty / bad power/internet / stress / hours*
- Brief Section Chiefs on IT issues

AN ITSS HAS THE SKILLS TO:

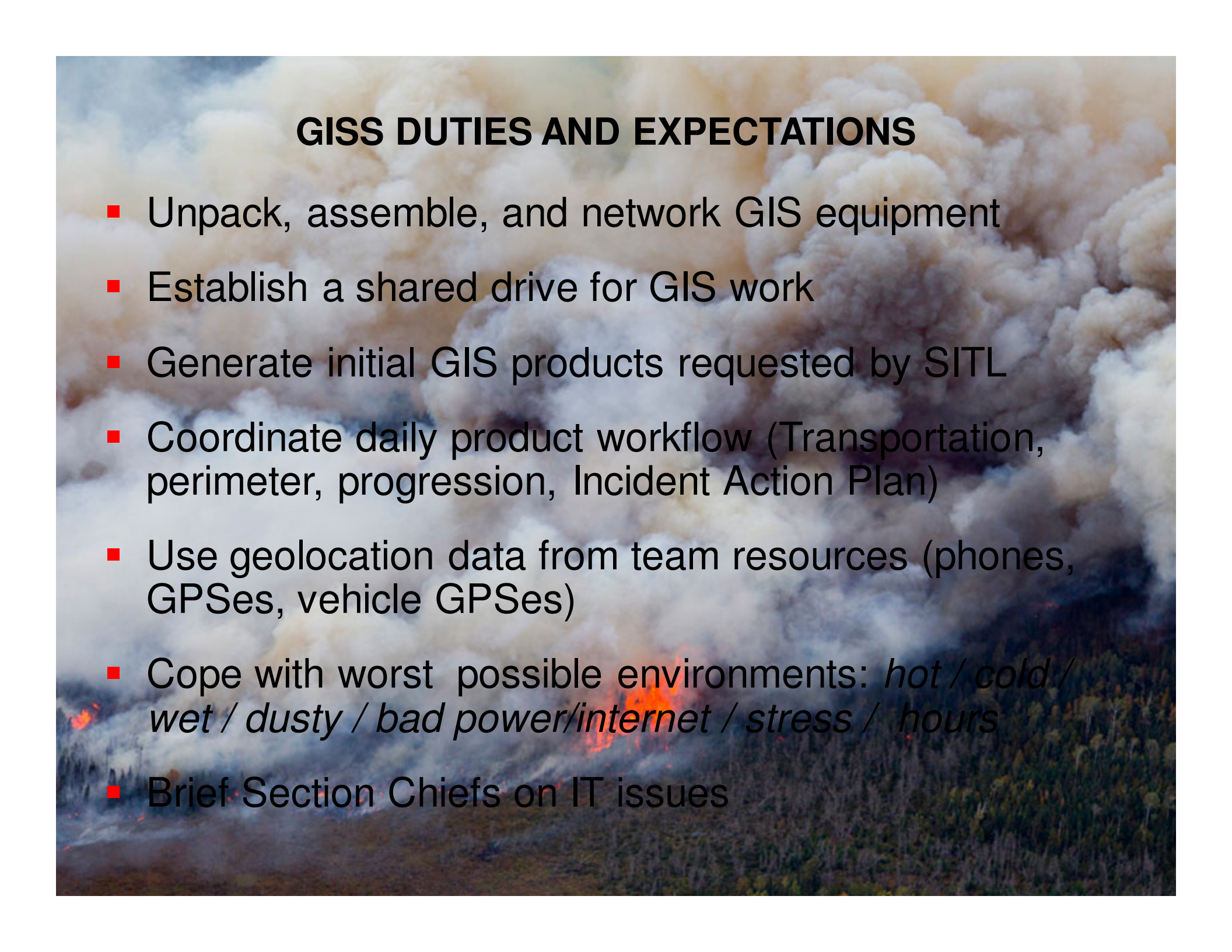
- Support technology appearing on incident (within limits)
- Support power users:
 - PIO (Public Information Officer)
 - FBAN (Fire Behavior Analyst)
 - LTAN (Long-term Analyst)
 - IMET (Incident Meteorologist)
 - GISS (GIS Specialist)
- Coordinate with local IT staff



AN ITSS HAS THE SKILLS TO:

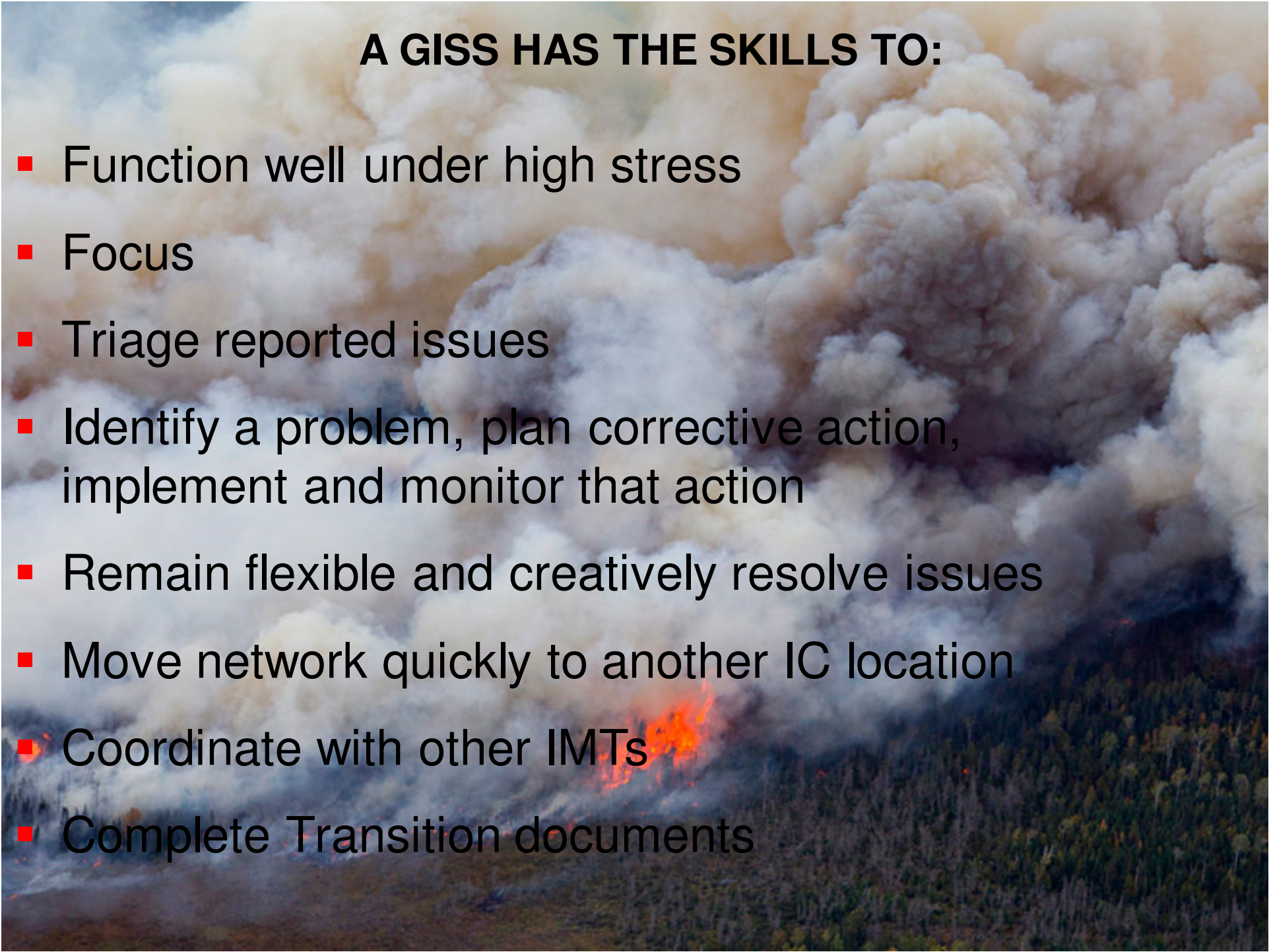
- Function well under high stress
- Focus Triage reported issues
- Identify a problem, plan corrective action, implement and monitor that action
- Remain flexible and creatively resolve issues
- Move network quickly to another IC location
- Coordinate with other IMTs
- Complete Transition documents





GISS DUTIES AND EXPECTATIONS

- Unpack, assemble, and network GIS equipment
- Establish a shared drive for GIS work
- Generate initial GIS products requested by SITL
- Coordinate daily product workflow (Transportation, perimeter, progression, Incident Action Plan)
- Use geolocation data from team resources (phones, GPSes, vehicle GPSes)
- Cope with worst possible environments: *hot / cold / wet / dusty / bad power/internet / stress / hours*
- Brief Section Chiefs on IT issues

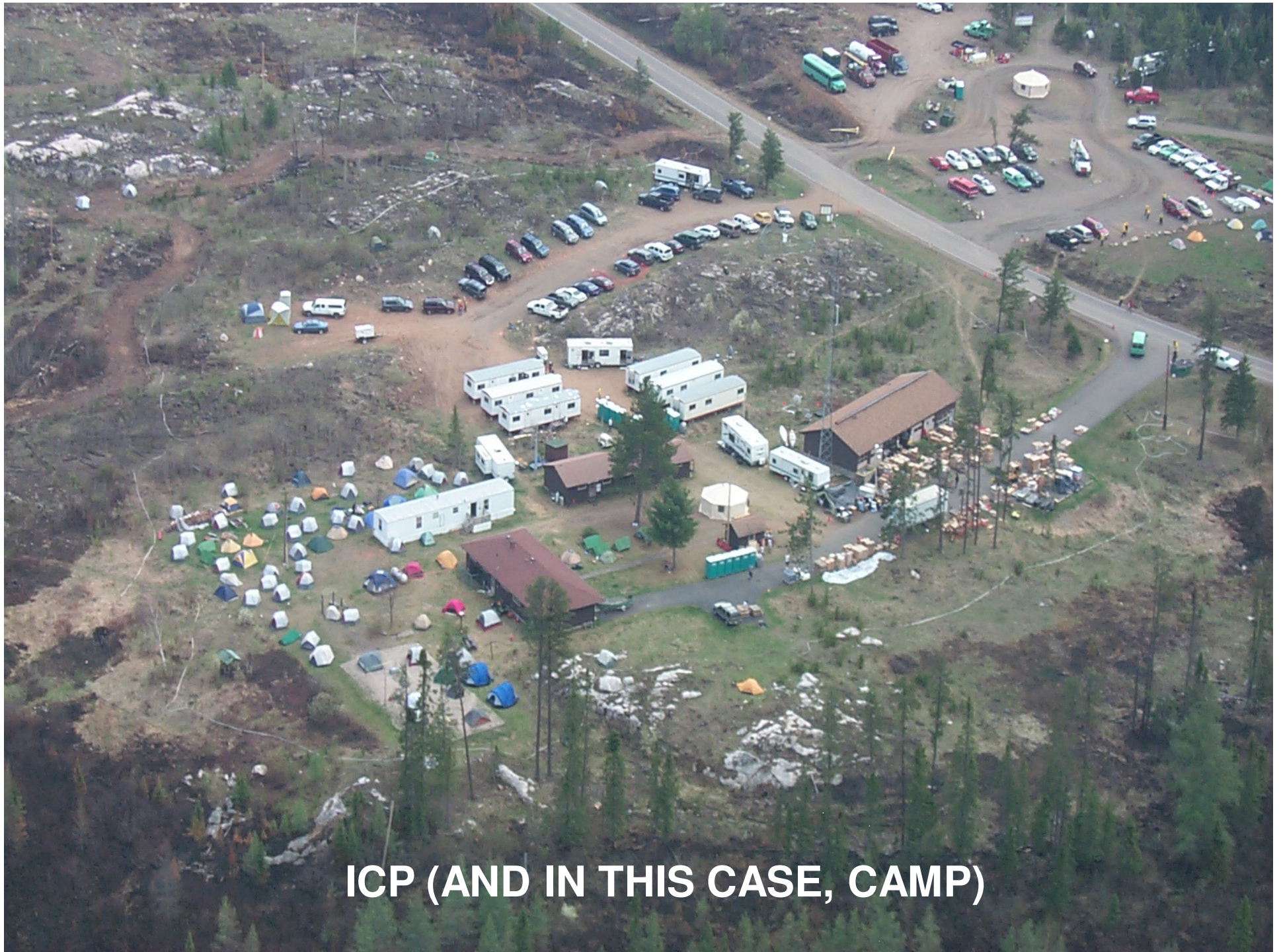
A dramatic photograph of a volcanic eruption. A massive, billowing plume of white and grey ash and smoke rises high into the sky from a dark, forested landscape. In the lower center, a bright orange and red lava flow is visible, contrasting sharply with the dark ground and the white ash. The overall scene conveys a sense of intense power and high stress.

A GISS HAS THE SKILLS TO:

- Function well under high stress
- Focus
- Triage reported issues
- Identify a problem, plan corrective action, implement and monitor that action
- Remain flexible and creatively resolve issues
- Move network quickly to another IC location
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INCIDENT ARRIVAL





ICP (AND IN THIS CASE, CAMP)











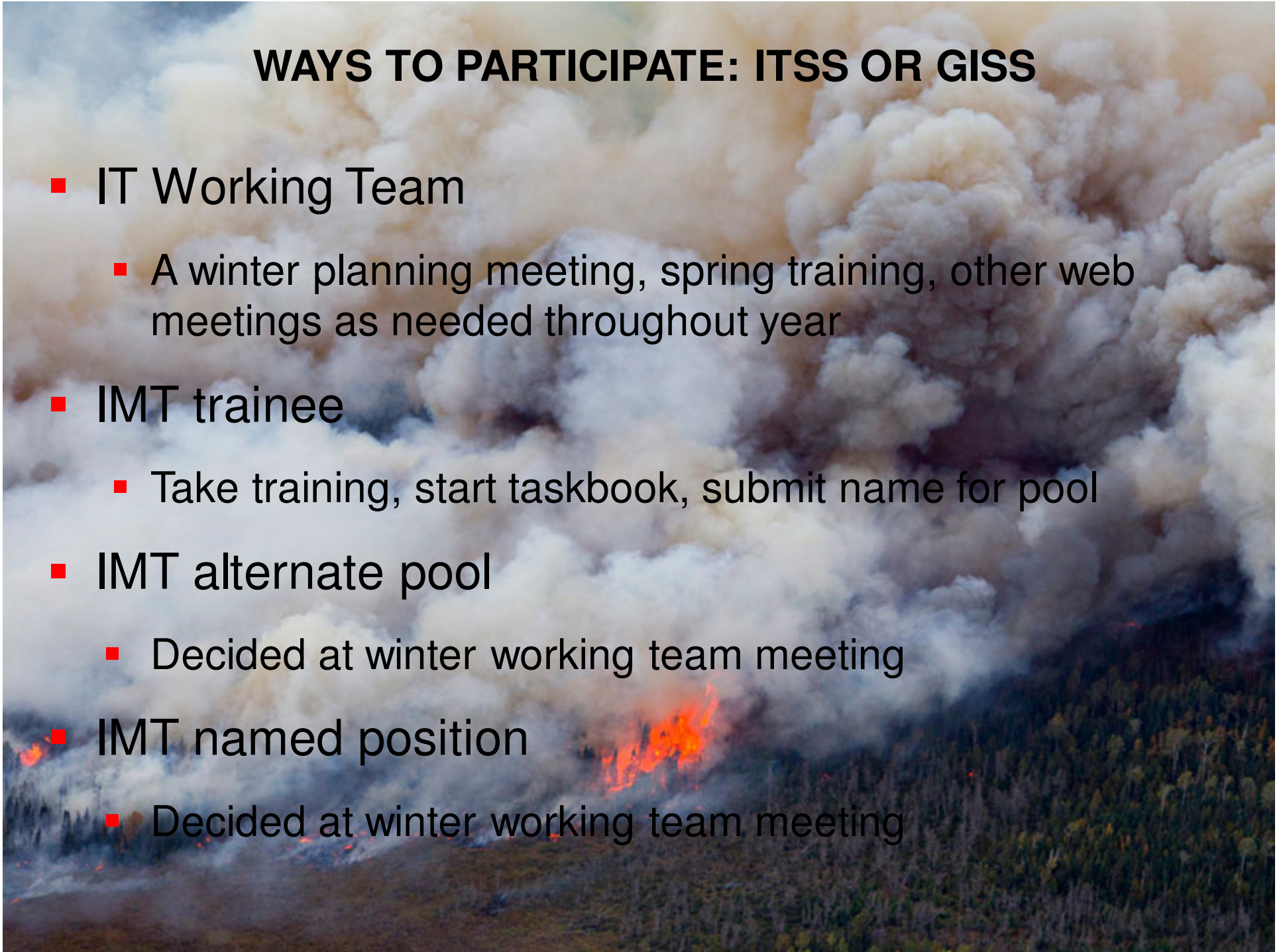


A dramatic aerial photograph of a volcanic eruption. A massive, billowing plume of white and grey ash and smoke rises high into the sky from a forested landscape. At the base of the plume, bright orange and red lava flows are visible, contrasting sharply with the dark green trees and the dark ground. The text "PARTICIPATION IN MNICS" is overlaid in the center of the image.

PARTICIPATION IN MNICS

WAYS TO PARTICIPATE: ITSS OR GISS

- IT Working Team
 - A winter planning meeting, spring training, other web meetings as needed throughout year
- IMT trainee
 - Take training, start taskbook, submit name for pool
- IMT alternate pool
 - Decided at winter working team meeting
- IMT named position
 - Decided at winter working team meeting



Attend annual MNICS meeting in December (optional)

**Submit supervisor approval form to MIFC
(one time only)**

**Attend MNICS annual pre-season
training**

**Supervisor and MNICS initiate Taskbook
(one time only)**

Submit name to MNICS as trainee

**Complete taskbook while on trainee
assignment(s)**

Qualified CTSP or GISS eligible for:

- MNICS Alternate Pool
- MNICS Named Positions
- Possible National
Availability List

Participate in Working Team meetings (optional)



QUESTIONS?

A large volcanic eruption is shown, with a massive plume of ash and smoke rising from a forested area. The plume is thick and billowing, with a mix of white, grey, and brown colors. At the base of the plume, bright orange and red lava flows are visible, spreading across the ground and into the forest. The foreground shows a dense forest of trees, some of which are partially obscured by the ash and smoke.

FOR MORE INFORMATION:

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<http://mnics.org/>