

**IEMO 14 DEC 2010**

# **FIRE FIGHTING**



**LTC.PIL. M.GELMINI**



**AIM**

**GIVE AN HINT HOW TO IMPROVE THE  
FLEXIBILITY OF THE INFLIGHT  
FIRE FIGHTING STRUCTURE IN ORDER  
TO MULTIPLY ITS EFFECTIVENESS**

# WHY ?

- **JUL 2007: GARGANO (IT) - 4 DEATHS**
- **FEB 2009: AUSTRALIA - MORE THEN 200**
- **AUG 2010: MOSCOW - MORE THEN 50**
- **DEC 2010: ISRAEL -50 DEATHS**

# TOPICS

- **PROFESSIONAL BACKGROUND**
- **INFLIGHT F.F. MODELS**
- **PREVENTION Vs PROTECTION**
- **VISION ABOUT THE BEST STRUCTURE**

# PROFESSIONAL BACKGROUND

1989-2008



A yellow and blue biplane is shown in flight, banking to the right. The aircraft is a classic two-wing design with a yellow fuselage and blue accents on the wings and tail. It is flying through a sky filled with white, fluffy clouds. The background is a dark, textured surface, possibly a ground or a wall, which is slightly out of focus.

**PROFESSIONAL BACKGROUND  
FROM 2008**

**SUPPORT TO THE  
POPULATION IN CASE OF  
PUBLIC CALAMITIES**

# **GREAT VISION**

**ADAPT RESOURCES AND  
EXPERIENCE**

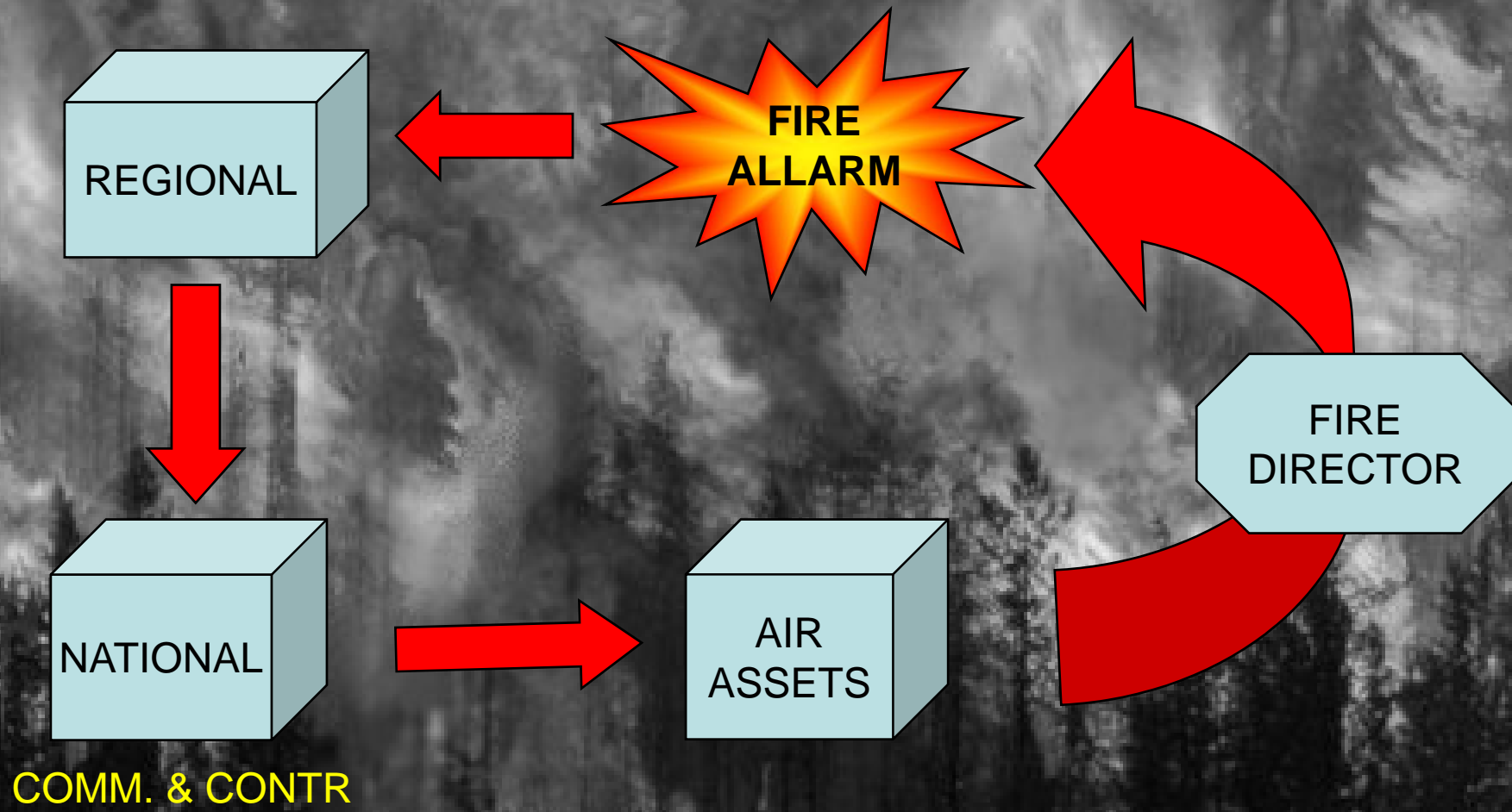
**ALREADY AVAILABLE  
TO SELF RESTRUCTURE  
IAW THE THREAT  
(FIRE EMERGENCY)**



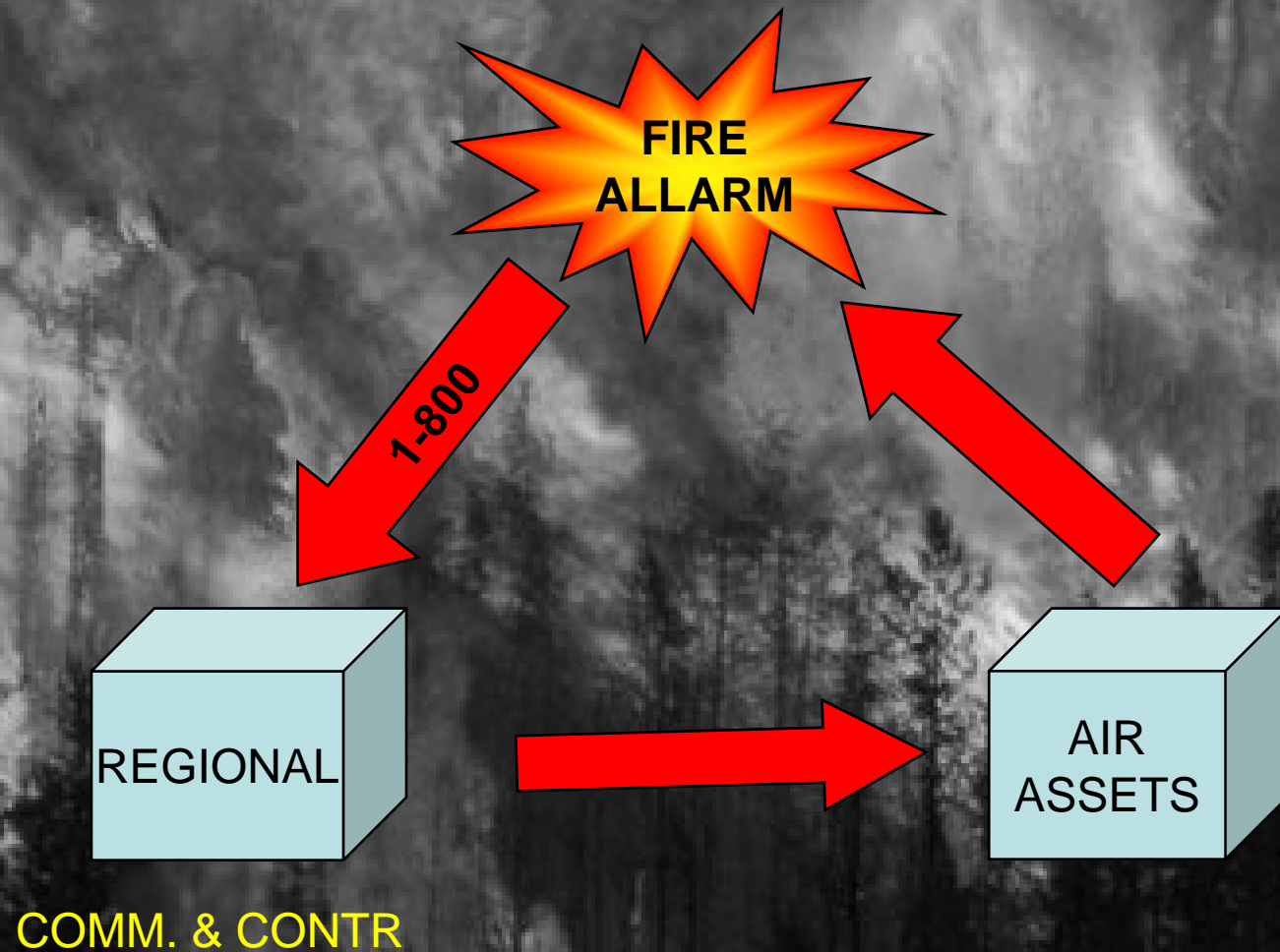
**PROBLEM = DECISION**

**EMERGENCY = DECISION  
TIME**

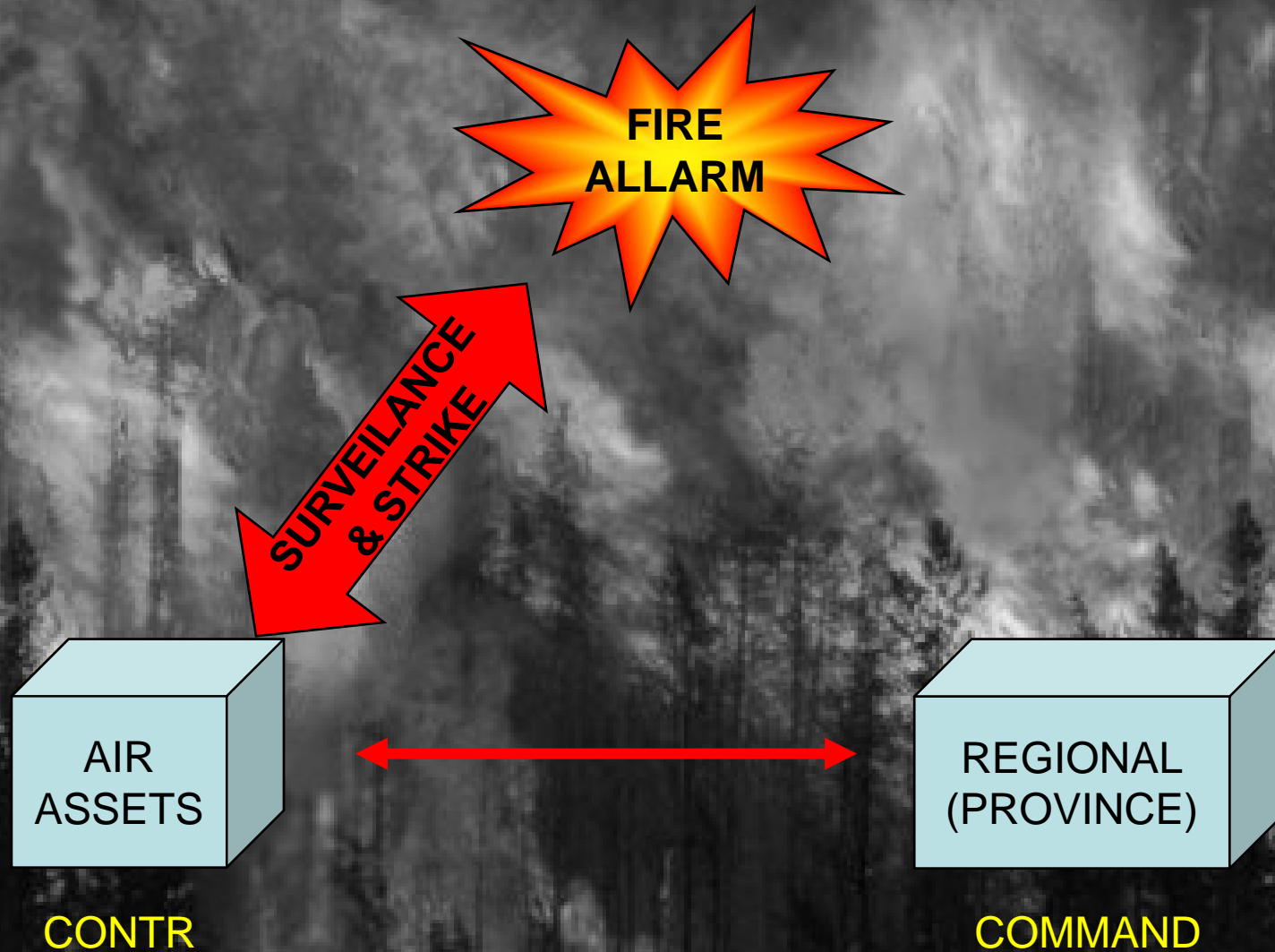
# INFLIGHT F.F. MODELS



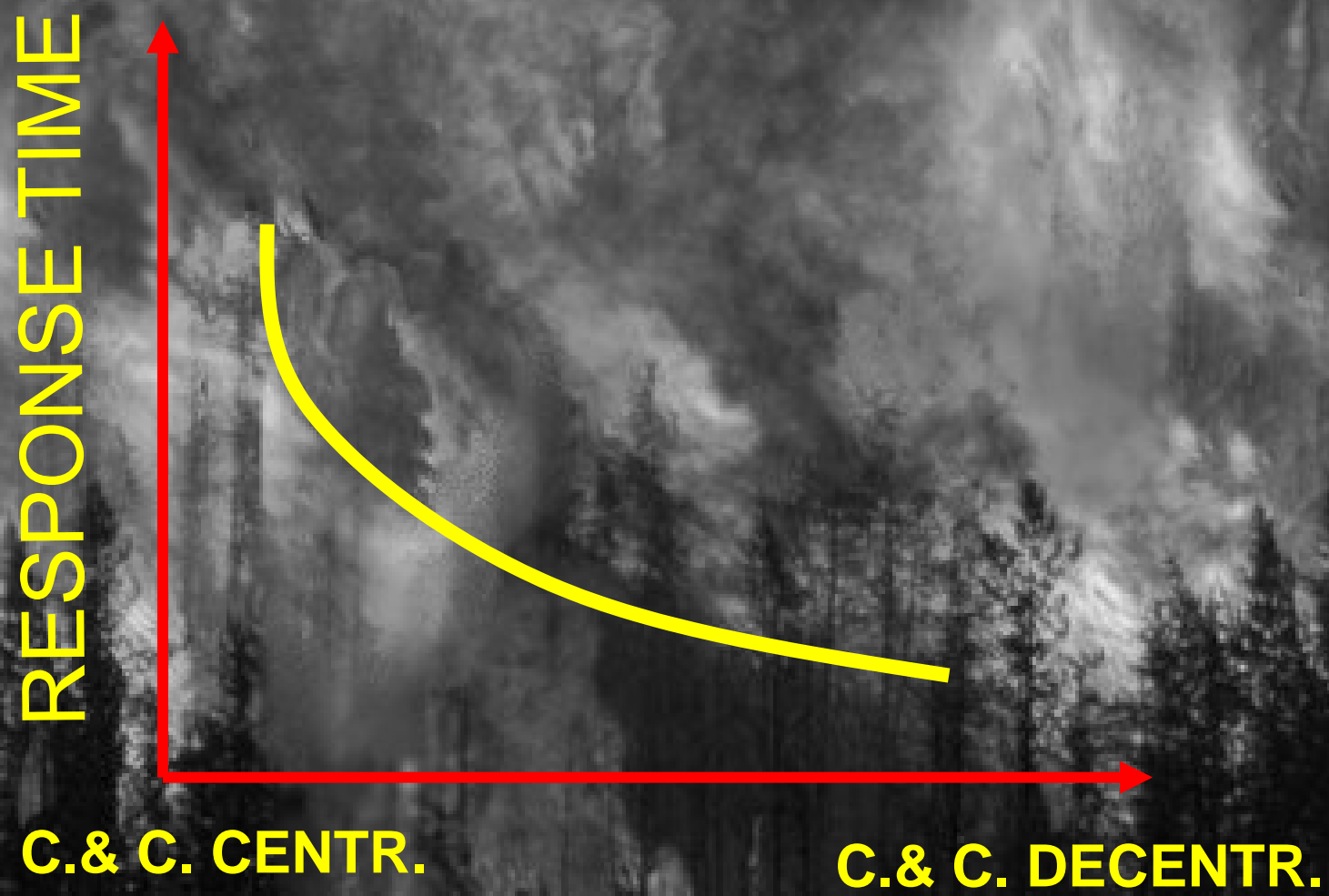
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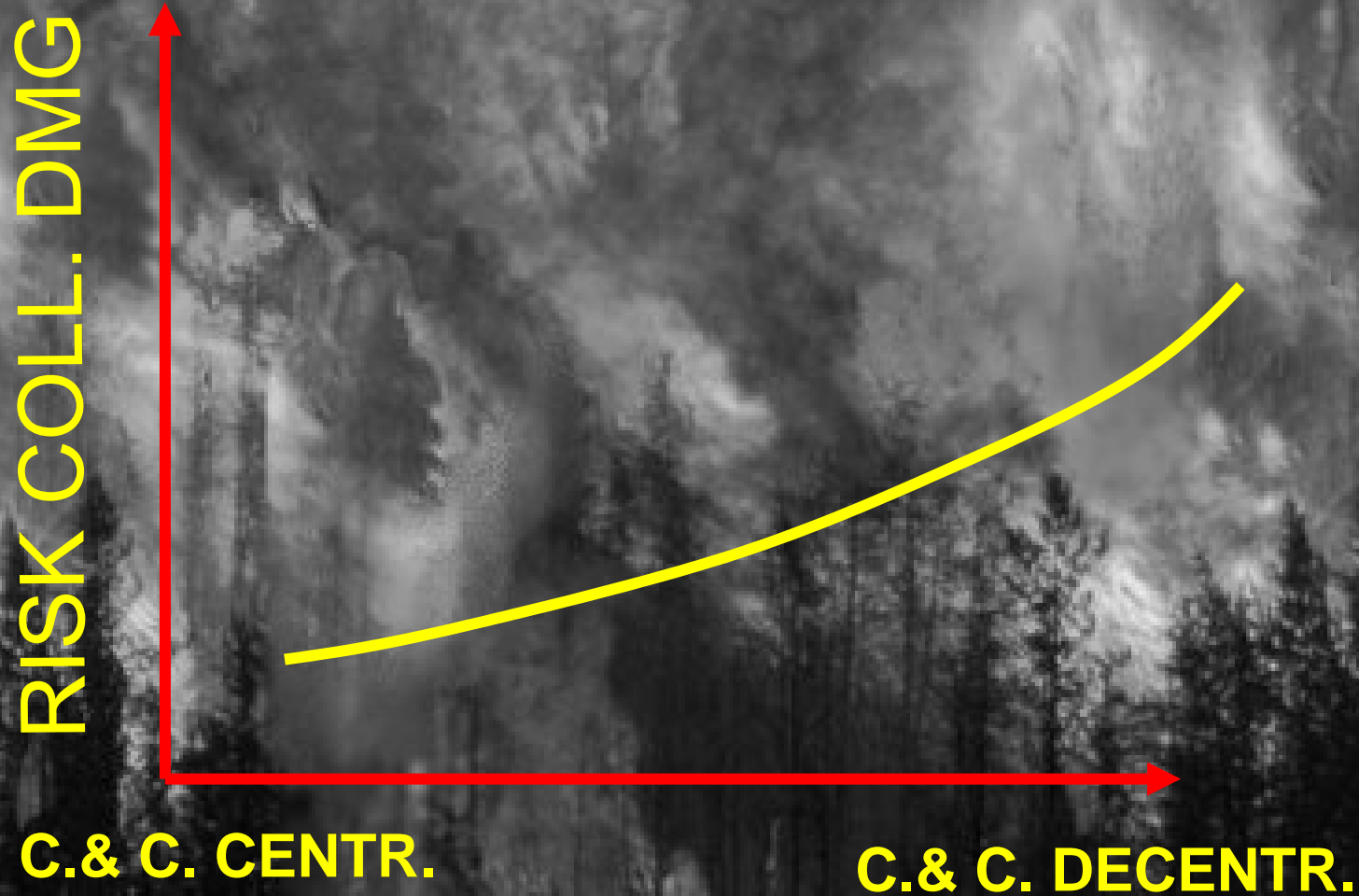
# INFLIGHT F.F. MODELS



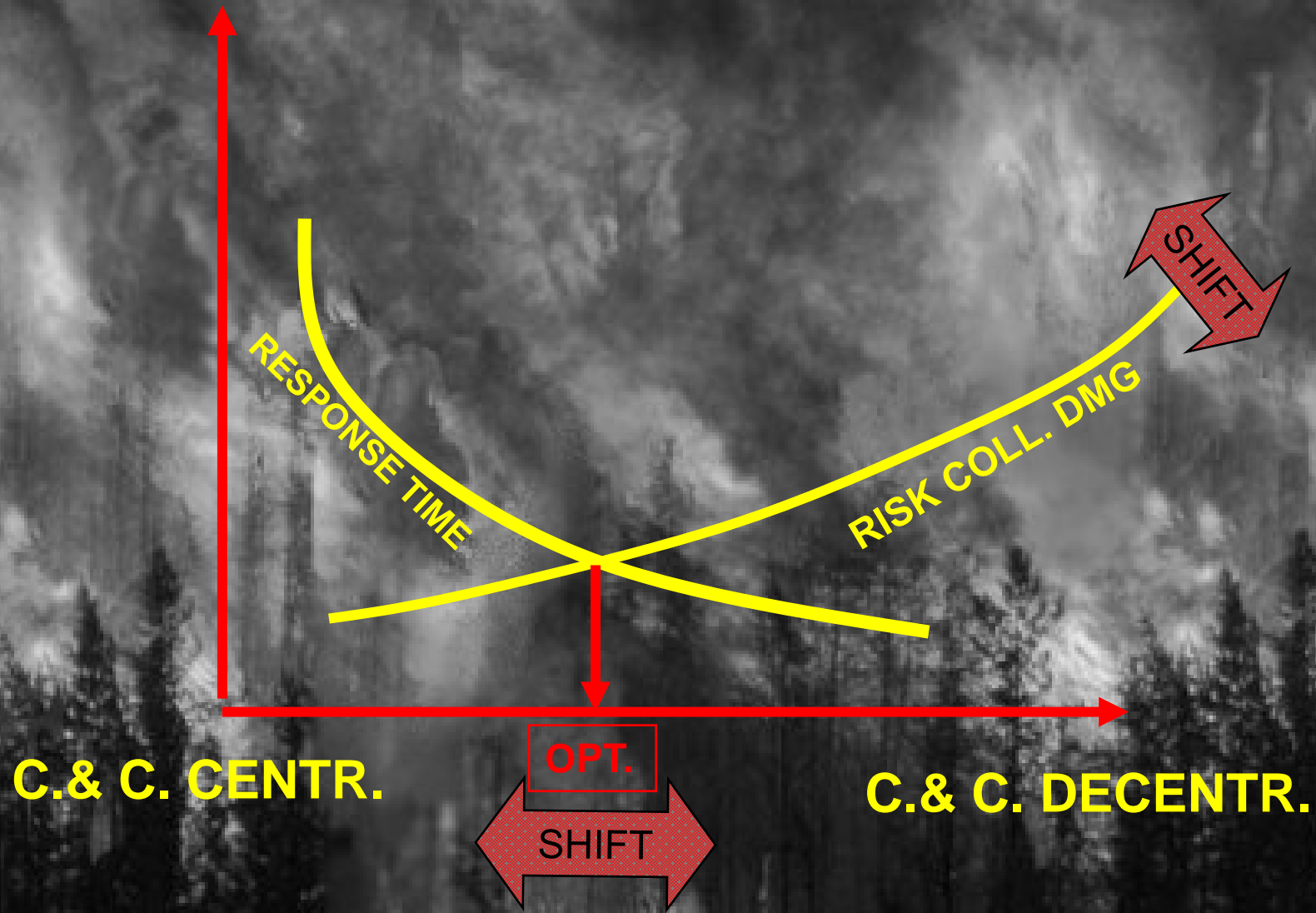
# RESPONSE TIME Vs COMM.& CONTR.



# RISK OF COLL.DAMAGE Vs COMM.& CONTR.



# OPT. COMM. & CONTR.



# PREVENTION Vs PROTECTION

**RISK = PROB. X EFFECT**

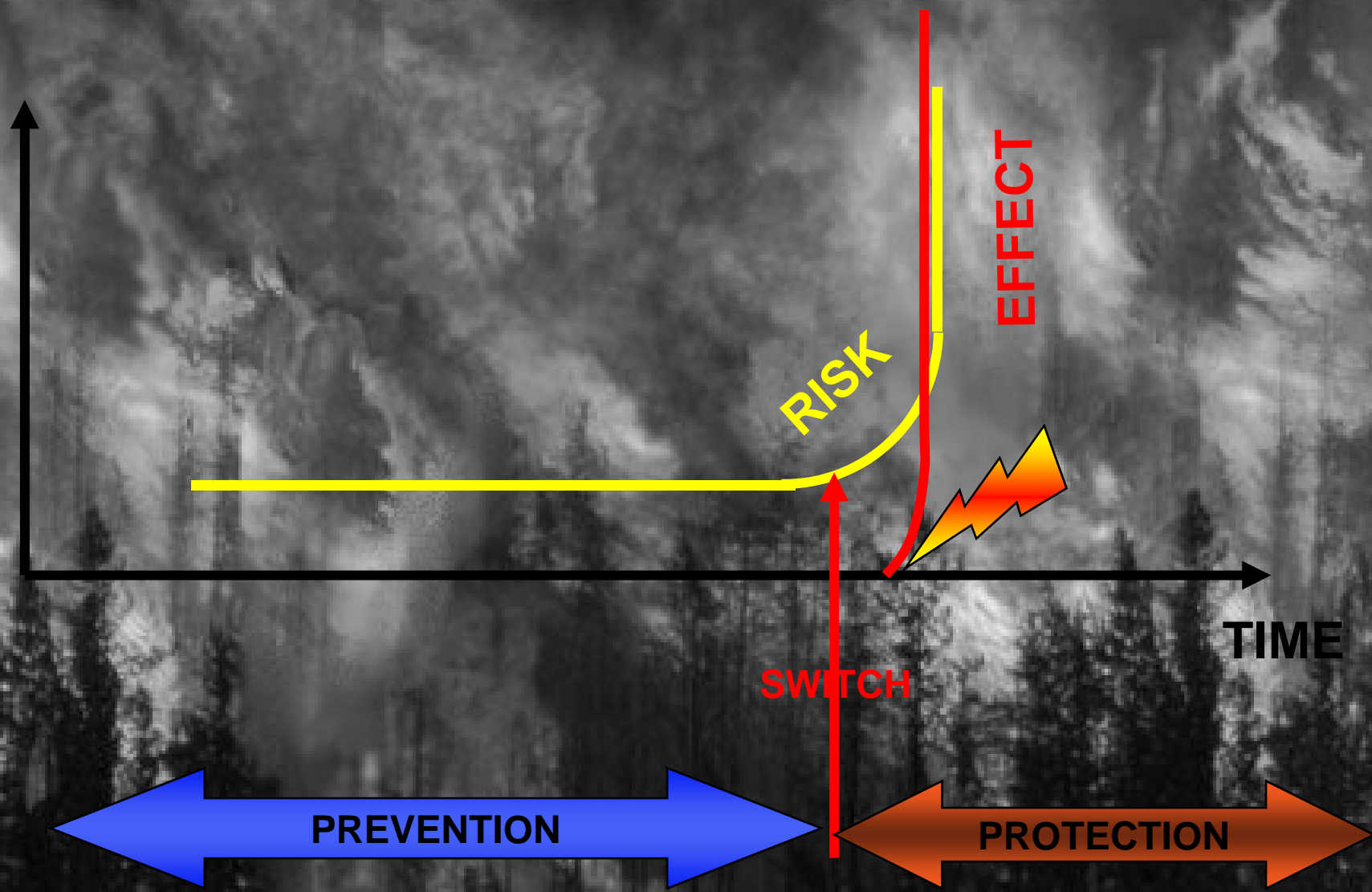


-SURVEILLANCE / COMMS  
-ADVERTISE / MEDIA  
- INFORMATION



-EVACUATION PLAN / PROCED.  
-INDIVIDUAL PROTEC. EQUIP.  
- FORMATION / TRAINING

# PREVENTION Vs PROTECTION



# THE BEST STRUCTURE

- **FLEXIBLE:** COMM. & CONTR. CENTRALIZED / DECENTRALIZED IAW SEASONAL AND OR REGIONAL RISK (POOL OF EXPERTS)
- **QUICK:** USE / CONVERT RESOURCES & EXPERIENCE ALREADY AVAILABLE
- **READY:** CONTROL THE RISK BY DEVELOPING A PREVENTION PROGRAM & A PROTECTION PLAN
- **TESTED:** IS ABLE TO SWITCH WITH A CLIC FROM PREVENTION TO PROTECTION

# QUESTIONS



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