

THE CLIMATE IS  
CHANGING - ARE  
WE PREPARED ??











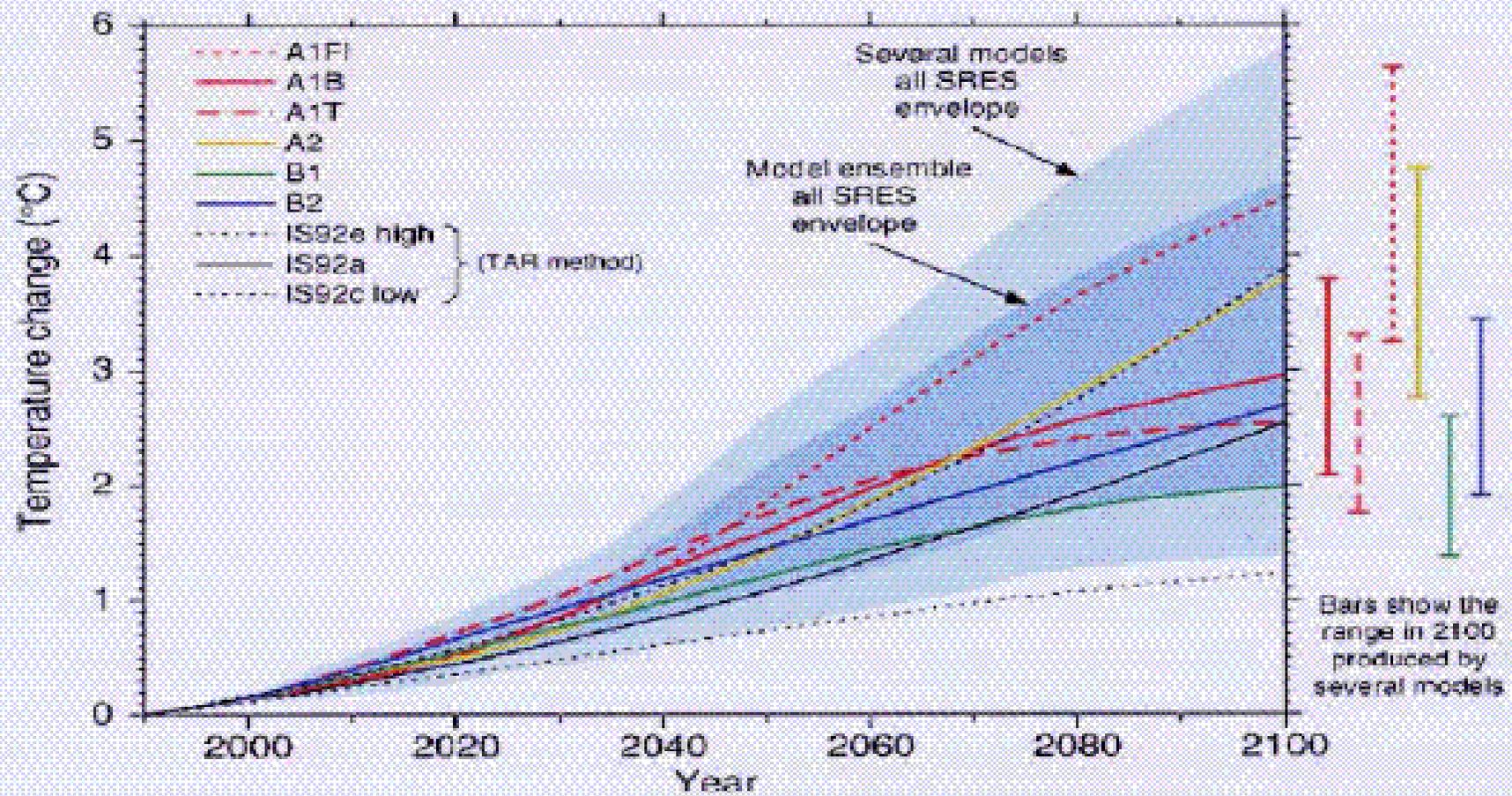
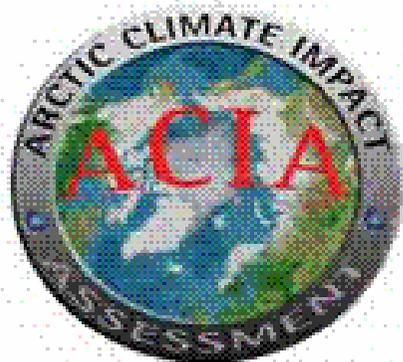




# Flomskred







# WHAT WILL HAPPEN ??

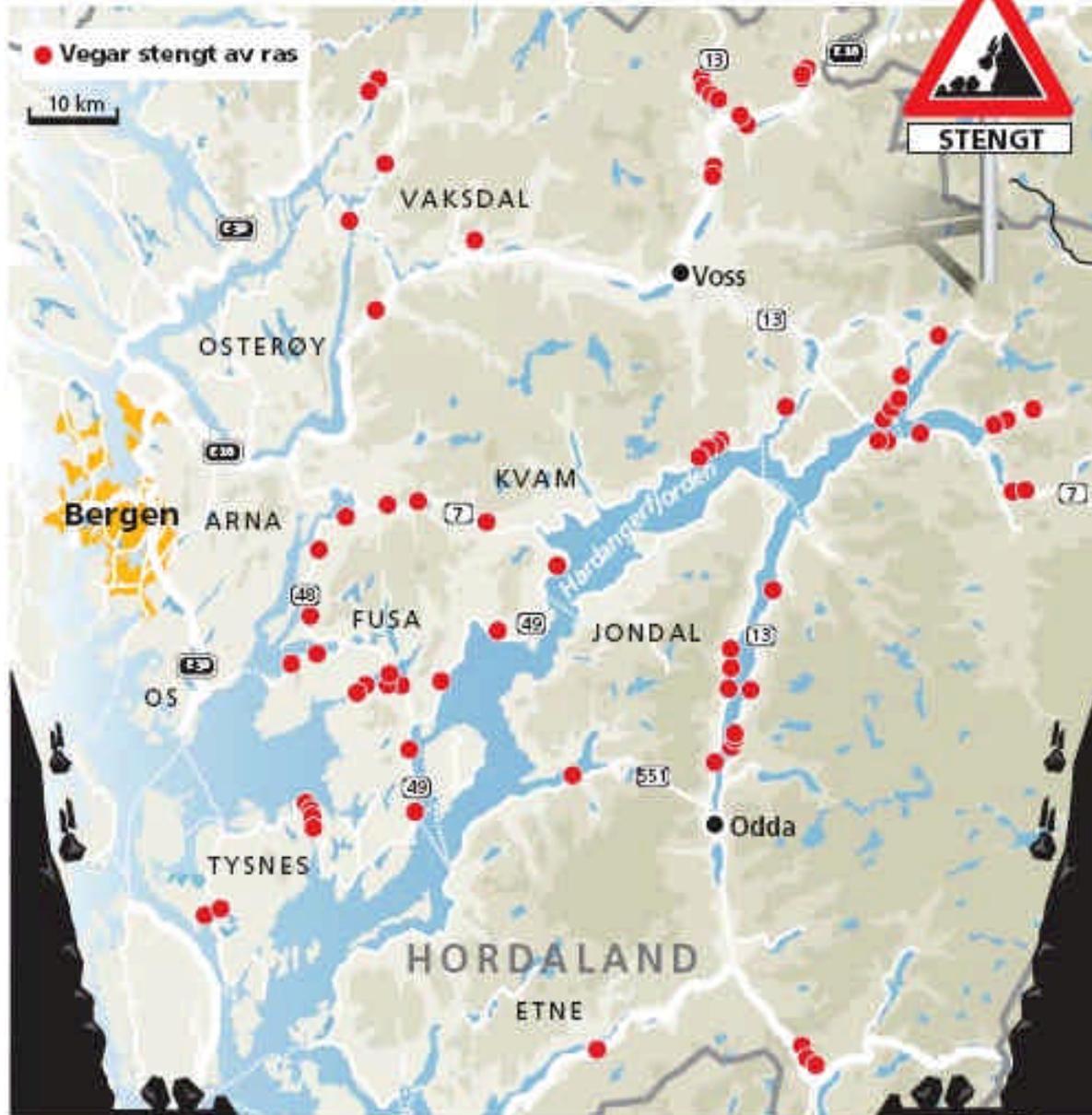
INCREASE OF:

- TEMPERATURES
- LOW PRESSURE ACTIVITY
- RAIN AND SNOW FALL
- RAIN IN LOW ALTITUDES
- SNOW IN HIGHER ALTITUDES
- NUMBER OF STORMS (?)
- STRENGTH OF STORMS (?)

# Challenge in Western Norway

## Raspunkt med stengte vegar i Hordaland

Våren 2006 – sommaren 2007



✍ **650 registered avalanches and land/stone slides in Hordaland, Sogn & Fjordane and Rogaland in 2006.**

✍ **480 of these reached roads in Hordaland**

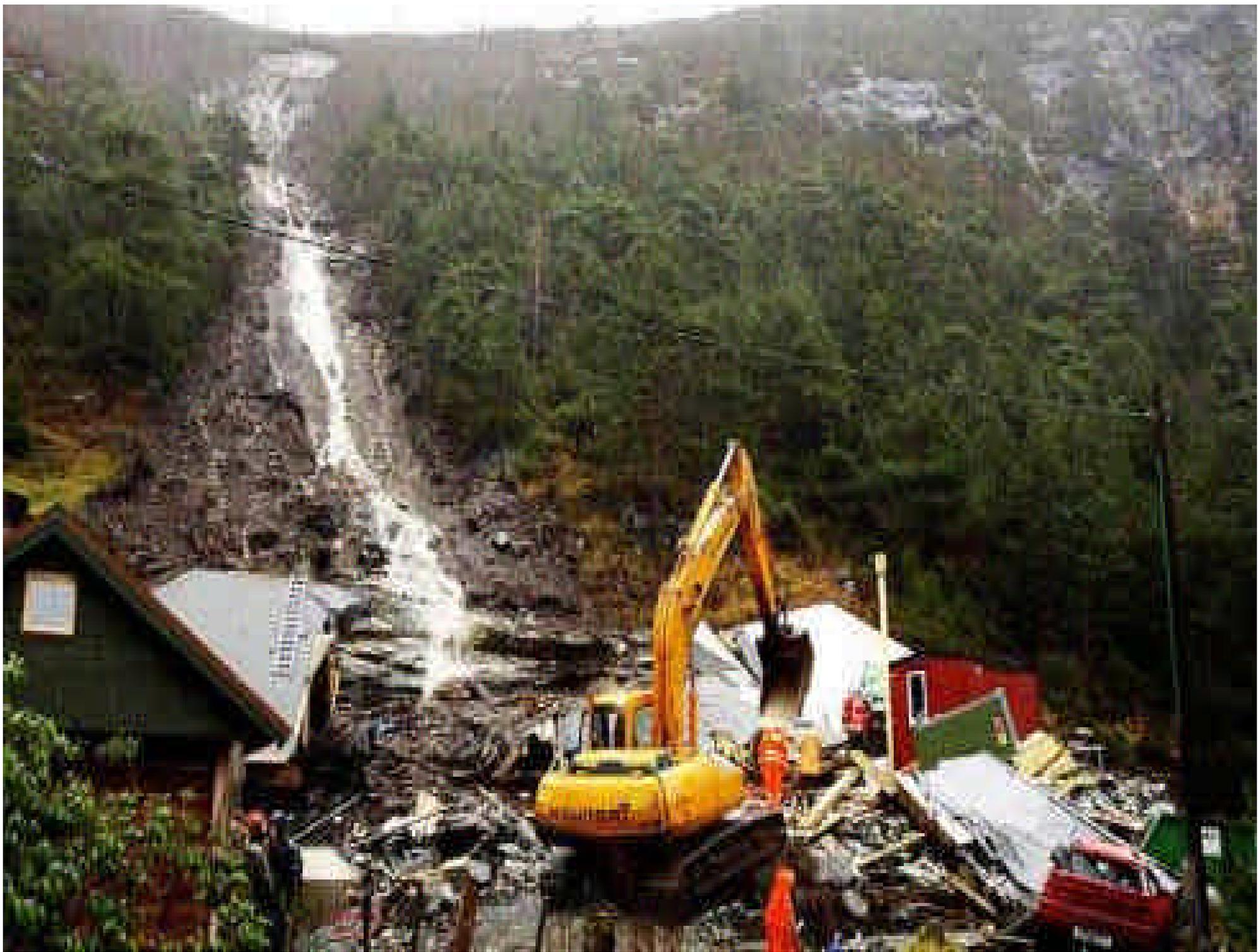
✍ **More than 90 of these 480 resulted in closed roads**

# CONSEQUENCES

INCREASE OF:

- BIGGER SLAB AVALANCHES HIGH UP
- WET SNOW AVALANCHES
- MIXED AVALANCHES
- LANDSLIDES - MUD, EARTH, STONE, ETC.



















# CHALLENGE

- IS THIS "OUR" PROBLEM - IS THIS ALPINE RESCUE ?
- DO WE HAVE TO THINK NEW ?
- WHO SHOULD DEVELOPE METHODES?

**What if?**



# FACTORS

- PREVENTION
- RESPONSIBILITY - ANALYZE & PLANNING
- SAFETY FOR RESCUERS - ALPINE TECHNIQS
- ORGANIZATION OF RESCUE AND PROCEDURES
- VOLUNTEERS VS. PROFESSIONALS
- HEAVY MACHINERY

# What have we done?

- New analyzes of risk
- Professionals - who? Firefighters  
special rescue team - First responder  
- Police doghandlers
- Not in competition with volunteer  
rescue
- Education and training in cooperation  
with the police and volunteer org.
- Testing transceivers and recco  
(ex. Recco search missing person)