

# Responder Preparedness

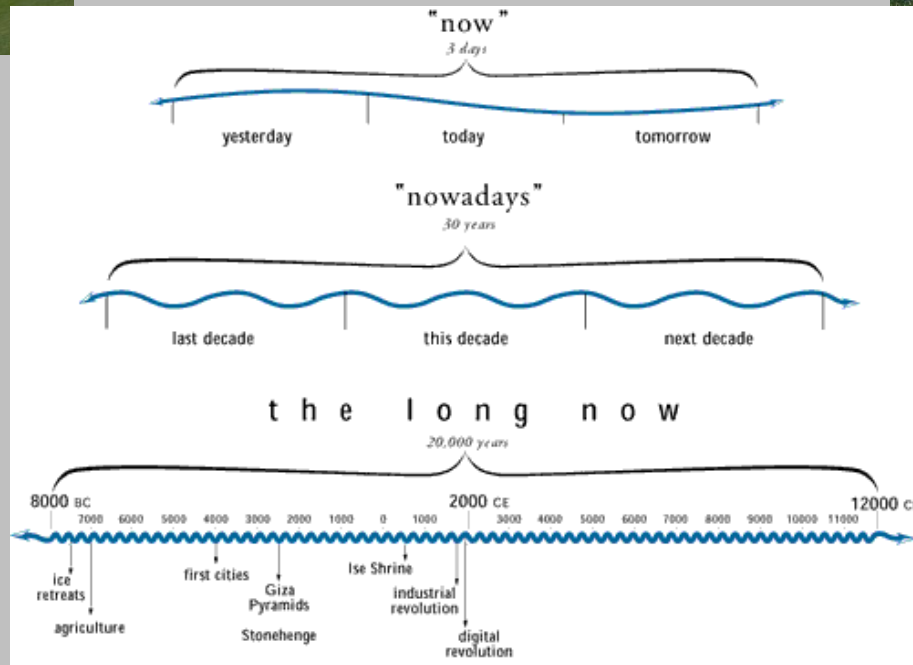
I had not anticipated that the work would present any great difficulties.

—Sir Ernest Shackleton

Erik Rau, Emergency Services Planner  
Benton County Sheriff's Office



# Long-term thinking



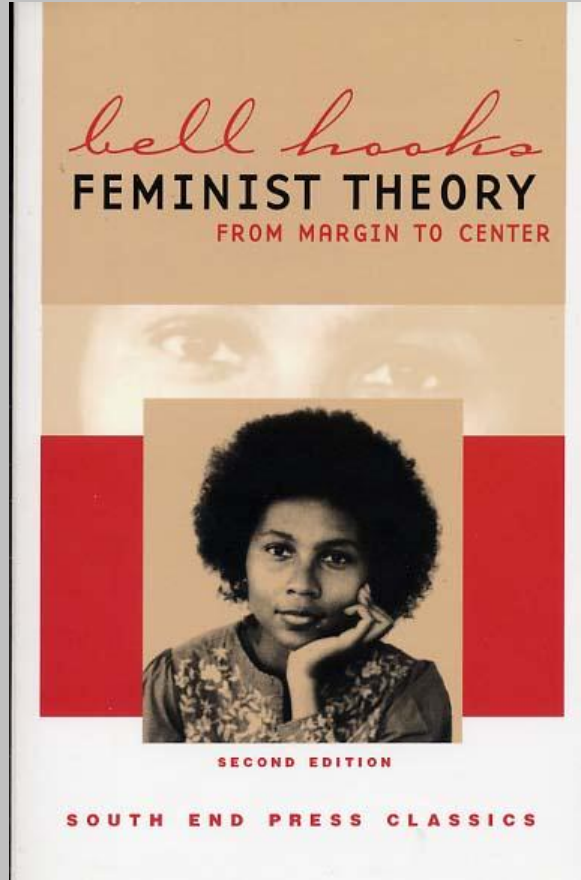
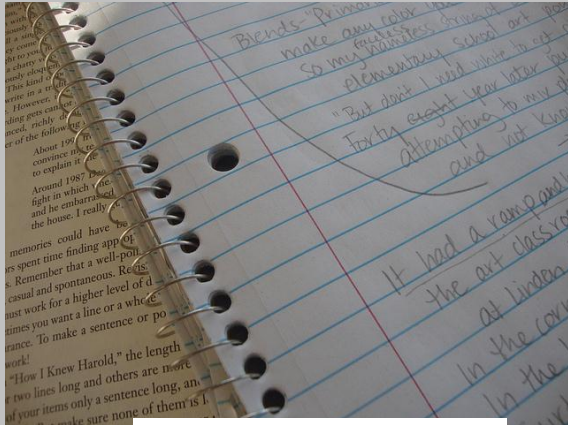
# Complicated questions



$$= R^* \times f_p \times n_e \times f_l \times f_i \times f_c \times L$$



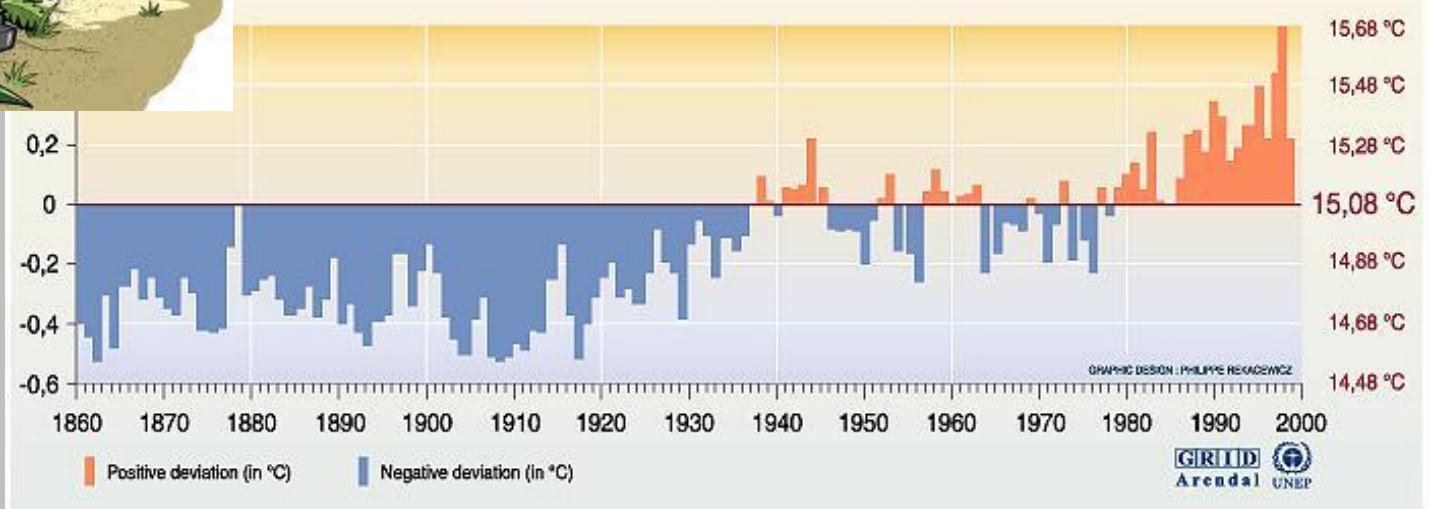
# Margin to Center



# Correlation v. Causality



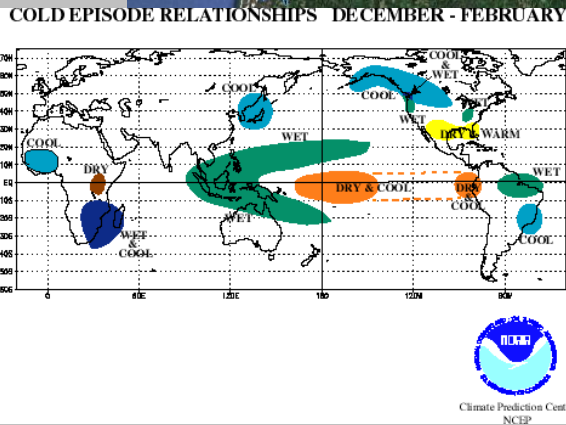
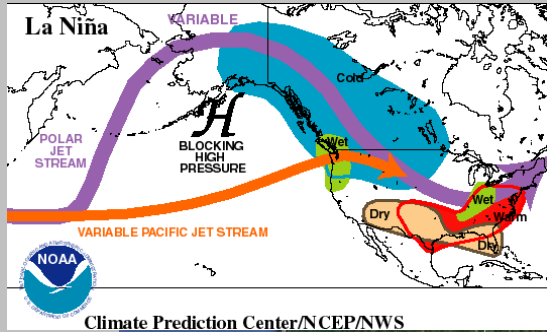
Trend in global average surface temperature



Source: School of environmental sciences, climatic research unit, university of East Anglia, Norwich, United Kingdom, 1999.



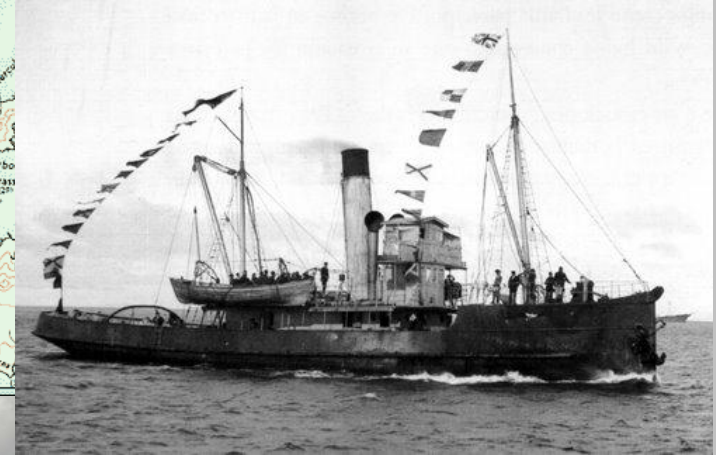
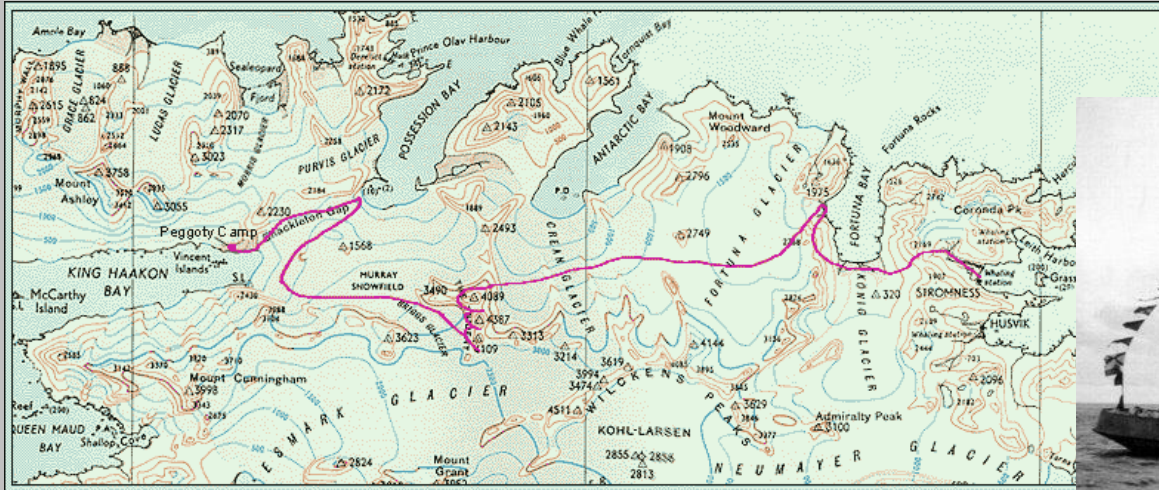
# Indirect consequences



# It's not your emergency



# It's how good you look doing it



# Make a cup of tea



Baton Rouge, LA

Photo: FEMA/Nauman

# Not helpful



News and Information

Page 1 of 2

July 17, 2007

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## OHSU RESEARCHERS FIND TIME IS BEST PREDICTOR OF SURVIVAL IN SEARCH AND RESCUE MISSIONS

*After 2 days, chances of finding lost people alive are slim*

PORTLAND, Ore. -- Oregon is home to forested valleys, high desert, mountain ranges and rolling

### ORIGINAL RESEARCH

## Search Is a Time-Critical Event: When Search and Rescue Missions May Become Futile

Annette L. Adams, PhD(C), MPH; Terri A. Schmidt, MD, MS; Craig D. Newgard, MD, MPH; Carol S. Federiuk, MD, PhD; Michael Christie, EMT-P; Sean Scorvo, MD; Melissa DeFreest, MD, EMT-P



- The best method of self-rescue is the ability to prevent the need for self-rescue.



# How to properly refuse risk

- Be alert.
- Keep Calm
- Think Clearly.
- Act Decisively



# More Information

- Taleb, N.N. *Fooled by Randomness* 2004
- Severin, Tim *The Brendan Voyage* 1978
- Smith, Dennis *Report From Engine Co 82* 1978
- NWCG *Incident Response Pocket Guide* 2010
- Pratchett, Terry *Night Watch* 2002
- Anything by Patrick O'Brian

