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# Anatomy of an Accident



presented by

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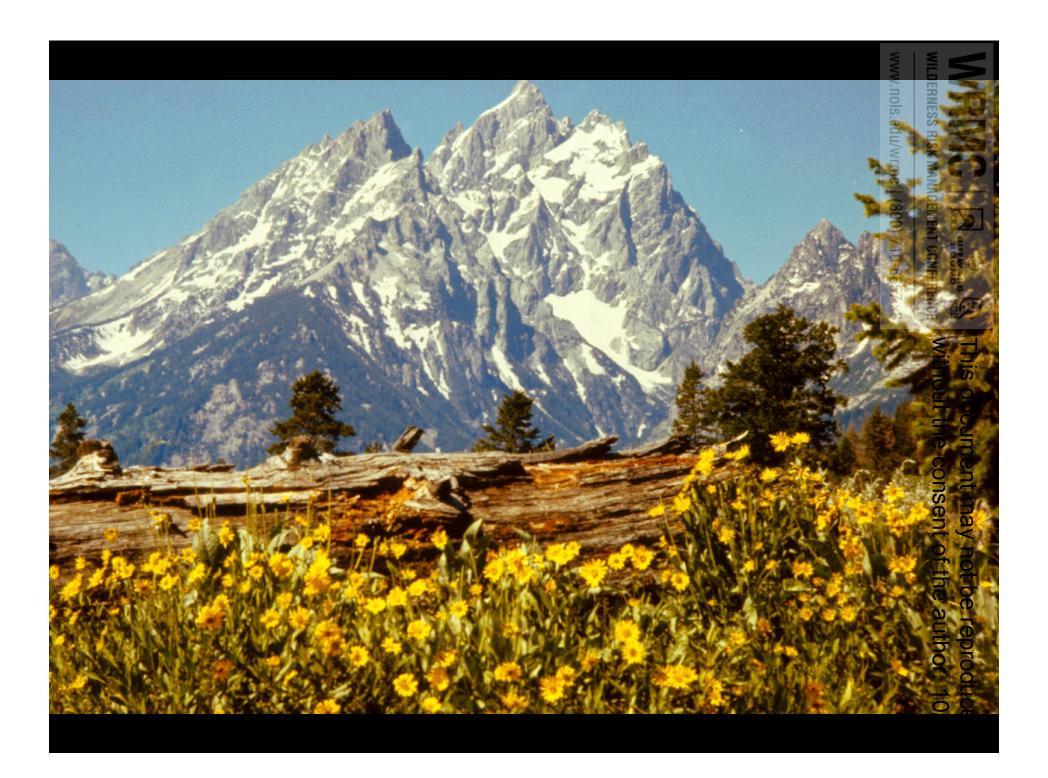
Executive Director, American Alpine Club

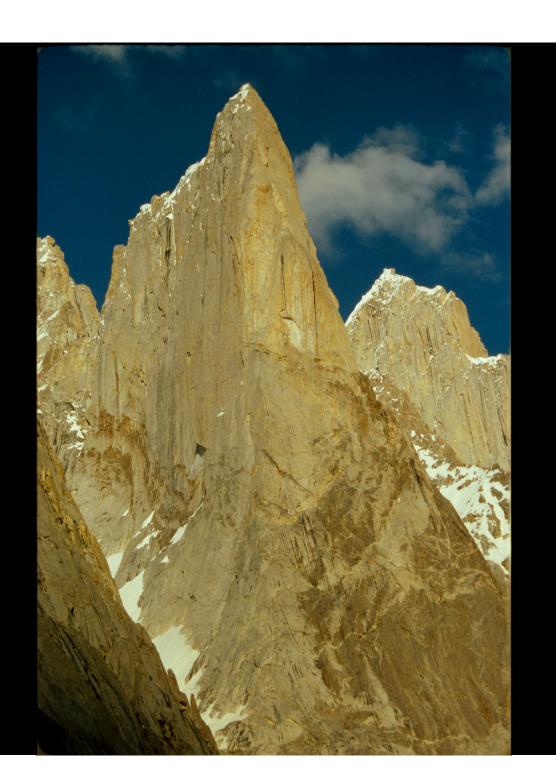
## Anatomy of an Accident

- Introduction
- What happened?
- Contributing factors
- Takeaways re: safety systems
- Takeaways re: staff outings
- Takeaways re: the overall institution















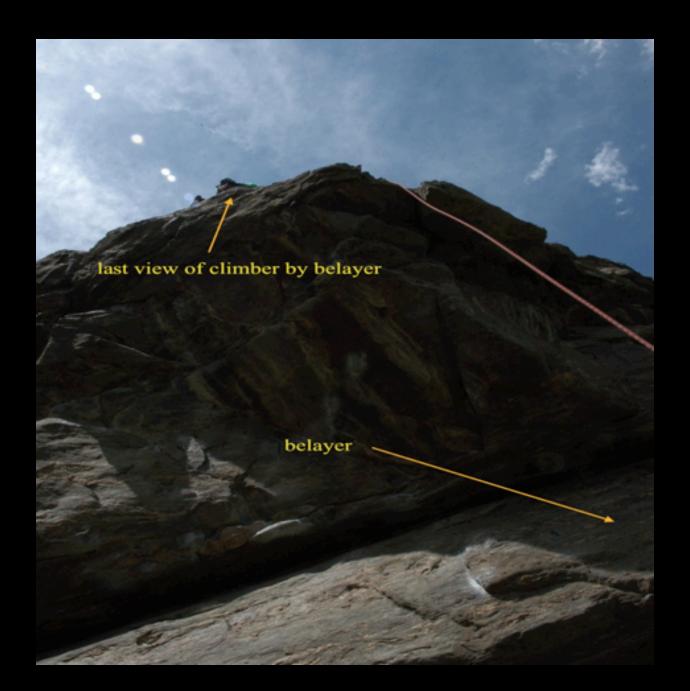


With this kind of experience, what could happen at a little sport crag?





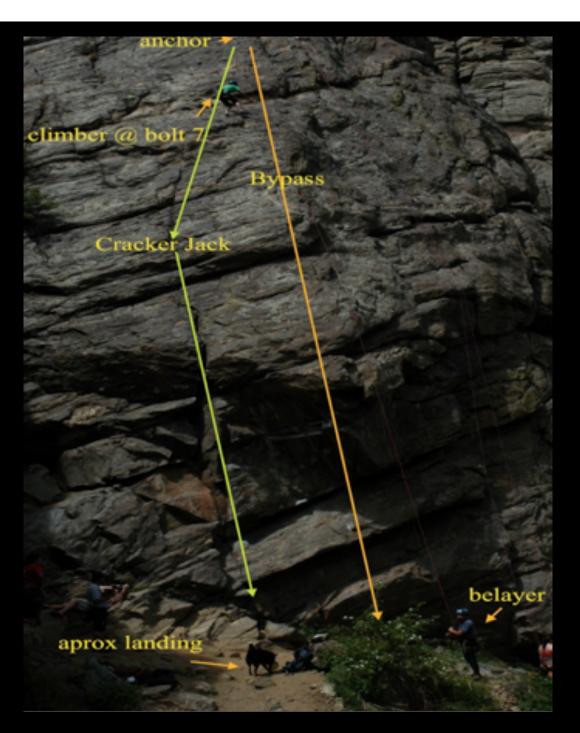
















### **Contributing Factors**

- Goal clarity/distraction
- Leadership/formal supervision
- Discrepancy in skill and experience
- Complacency
- Noise
- Sightline



### Safety Systems

- Choosing a partner
- (pre) Communication
  - Alternate signals?
- Four point check
  - Harness, knot, belay, preplan
- Belayer position



### **Staff Outing**

- Create clear leadership structure
- Create clear safety expectations
- Separate talk time from climb time
- Make no skill or experience assumptions
- Adopt industry standard practices





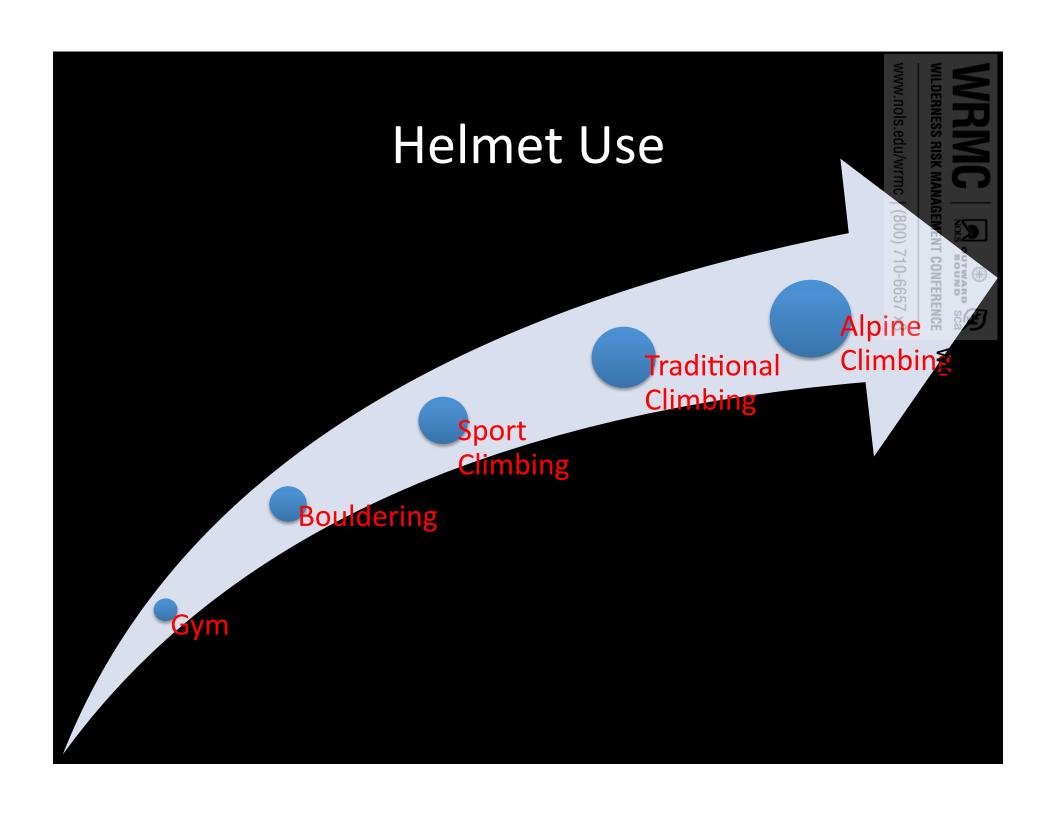






## Helmets





#### For the Institution

- Adopt industry standards
- Inculcate a risk management mentality
- Institute a risk management process
  - Event plan
  - Briefing
- Emergency Response Plan
  - Annual drill
- Third party review



#### And

- Own what happens, learn, grow
- Share what happened, teach







# Maintain the Belay











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