

**ERTH 456 / GEOL 556**  
**Volcanology**

**– Lecture 01: Logistics, Introduction–**

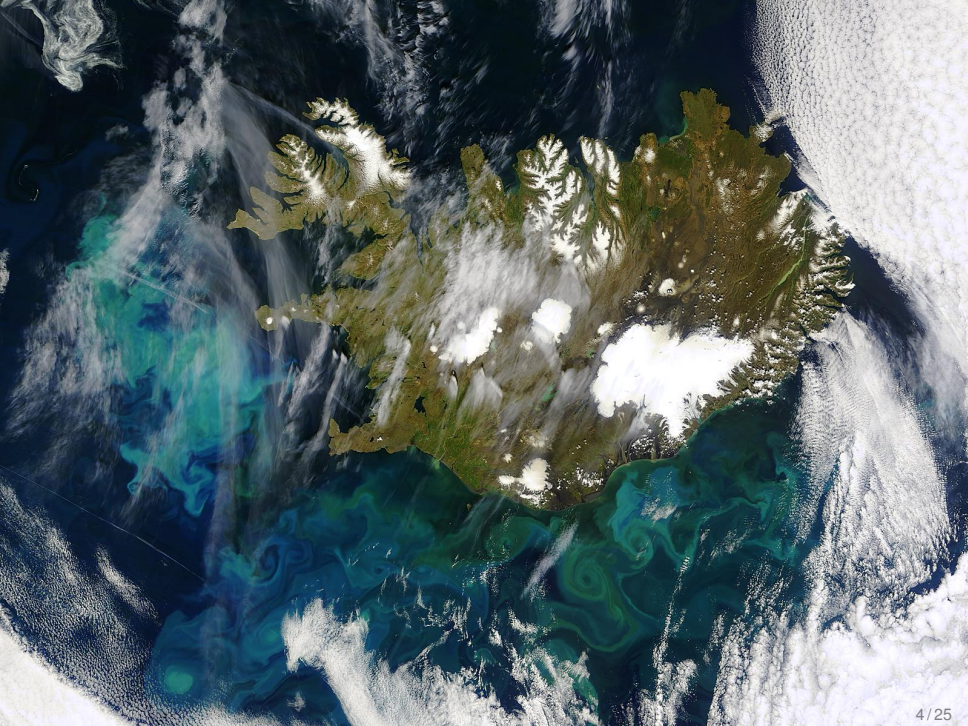
Ronni Grapenthin  
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MSEC 356, x5924  
hours: TR 3-4PM or appt.

August 22, 2016

- Syllabus
- Course Website (in progress):  
[http://grapenthin.org/teaching/volc\\_2016](http://grapenthin.org/teaching/volc_2016)
- Case Studies
- Field trips
- Term Projects
- Labs
- This class is for YOU ...









# Volcanoes - Iceland





# Volcanoes - Iceland



# Volcanoes - Iceland



# Volcanoes - Iceland



# Volcanoes - Iceland

image: Iurie Belegurschi





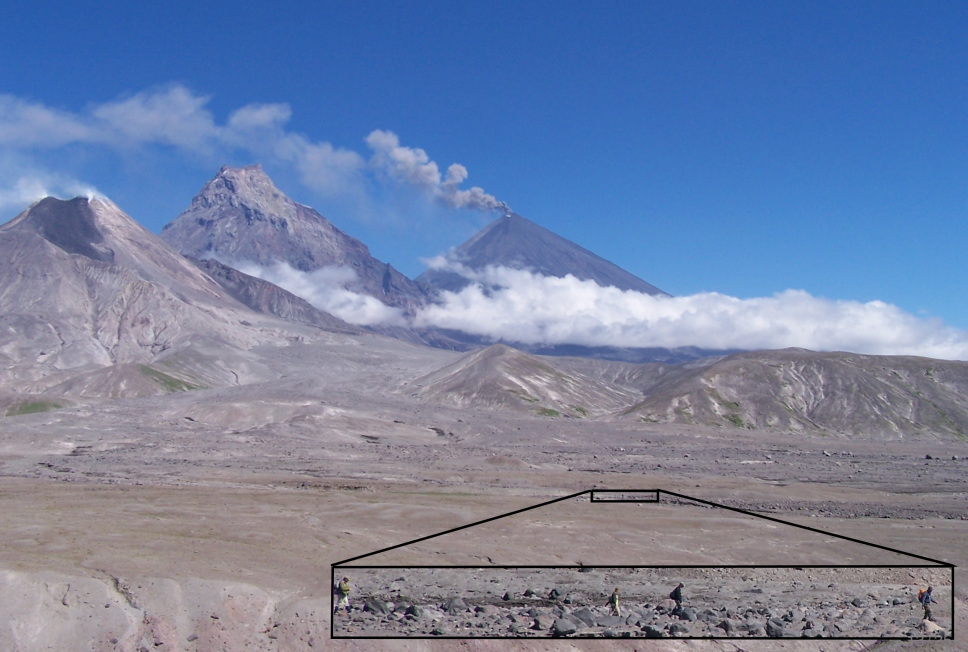
# Volcanoes - Iceland

image: Hans Kristjánsson, 2011

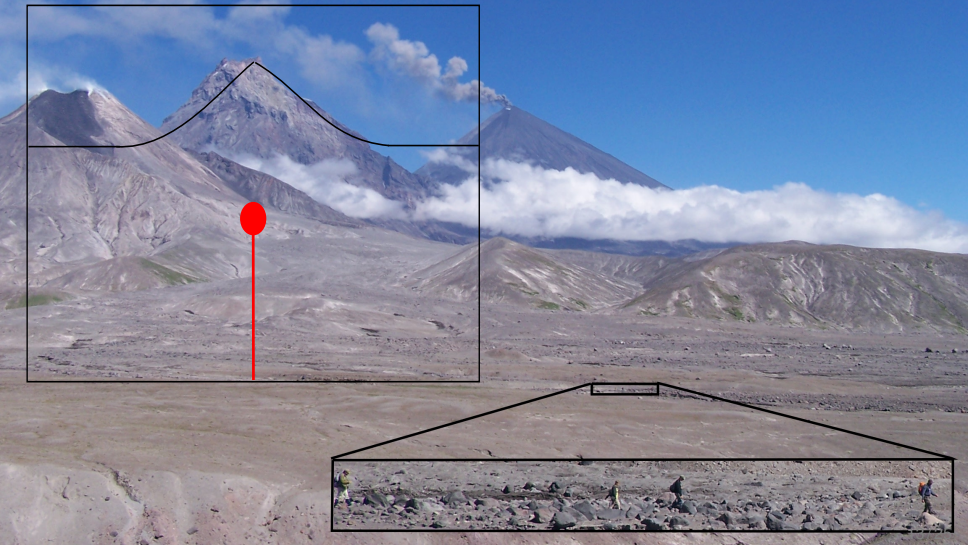




# Volcanoes - Kamchatka

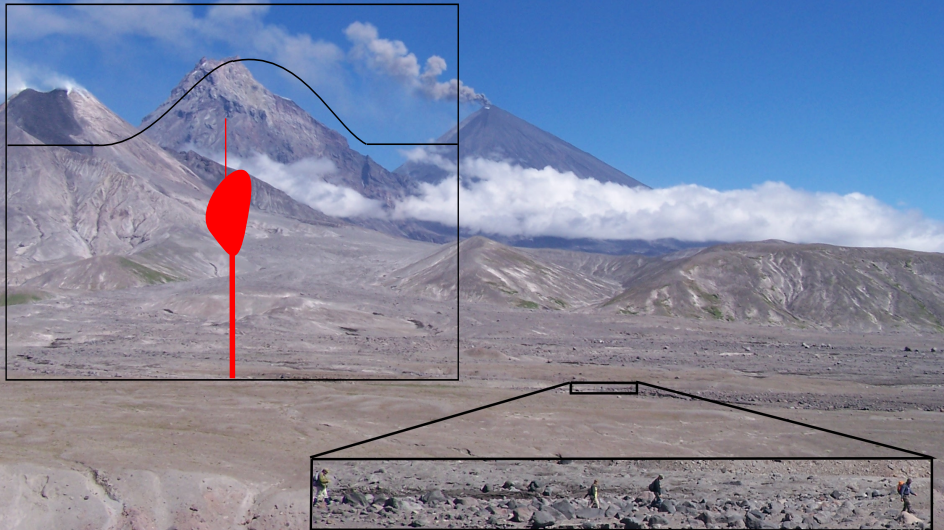


# Volcanoes - Kamchatka

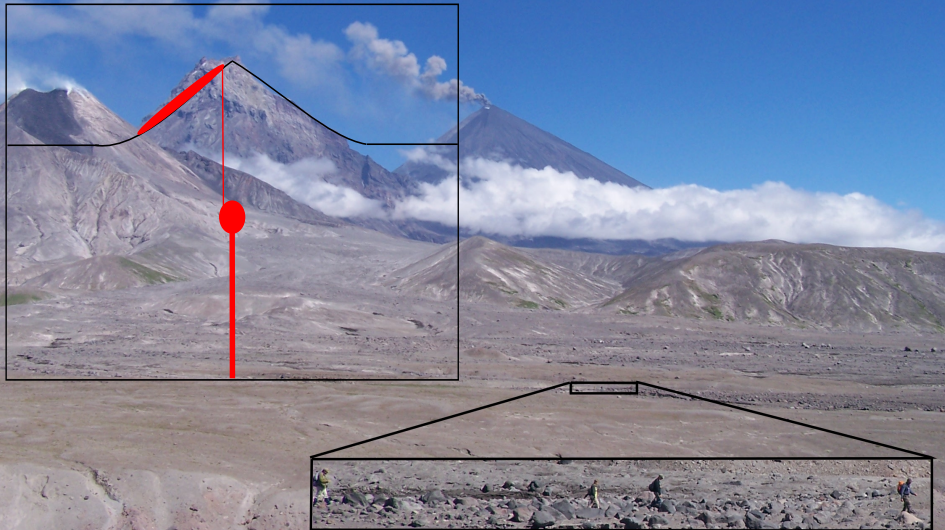




# Volcanoes - Kamchatka



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# Volcanoes - Kamchatka





# Volcanoes - Kamchatka



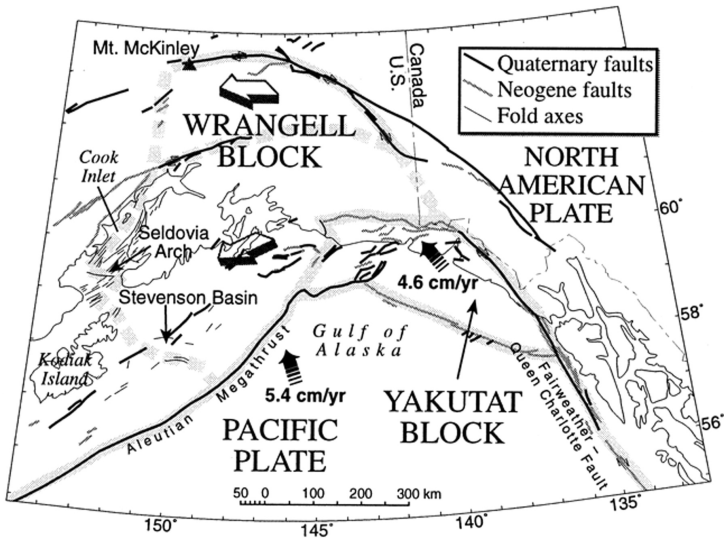


East Cabot Ridge at 85°E

Brazzard Creek

Port Sakhin

# Volcanoes - Alaska image: GSA



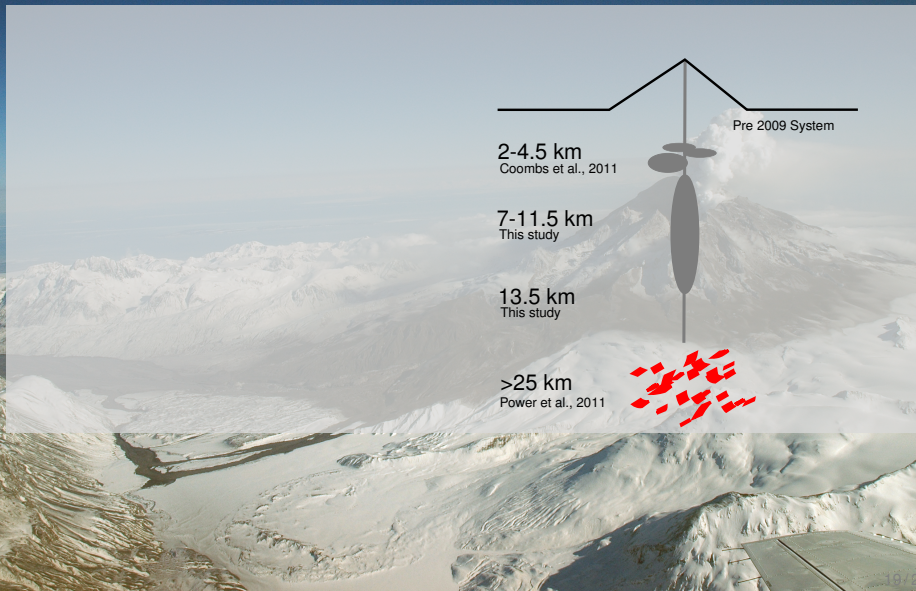
# Redoubt: Source Evolution

image: Janet Schaefer



# Redoubt: Source Evolution

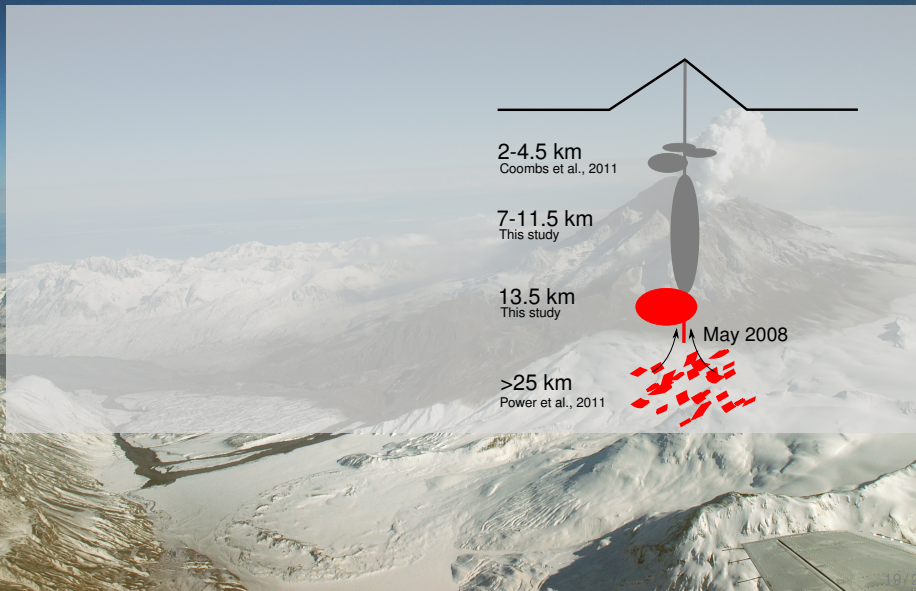
image: Janet Schaefer





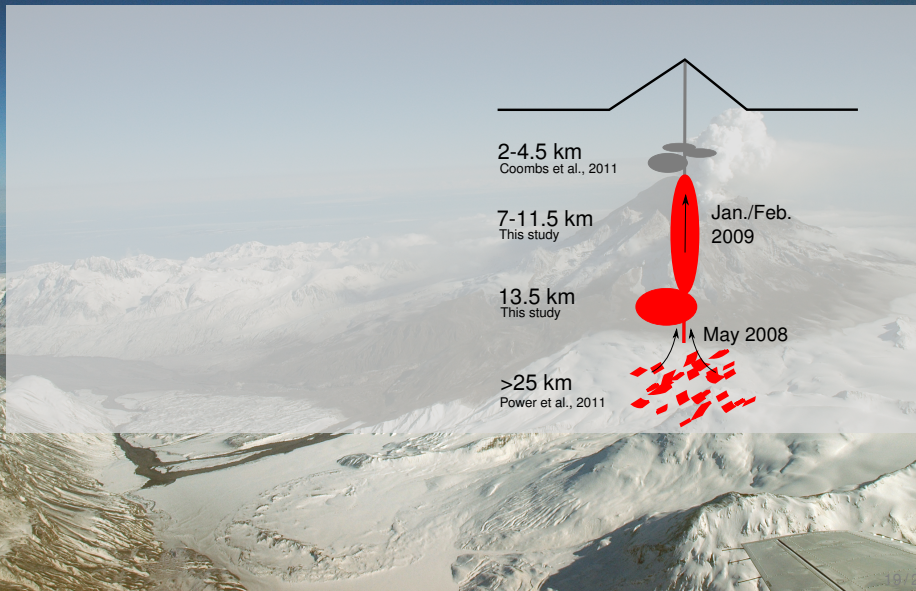
# Redoubt: Source Evolution

image: Janet Schaefer



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# Redoubt: Source Evolution

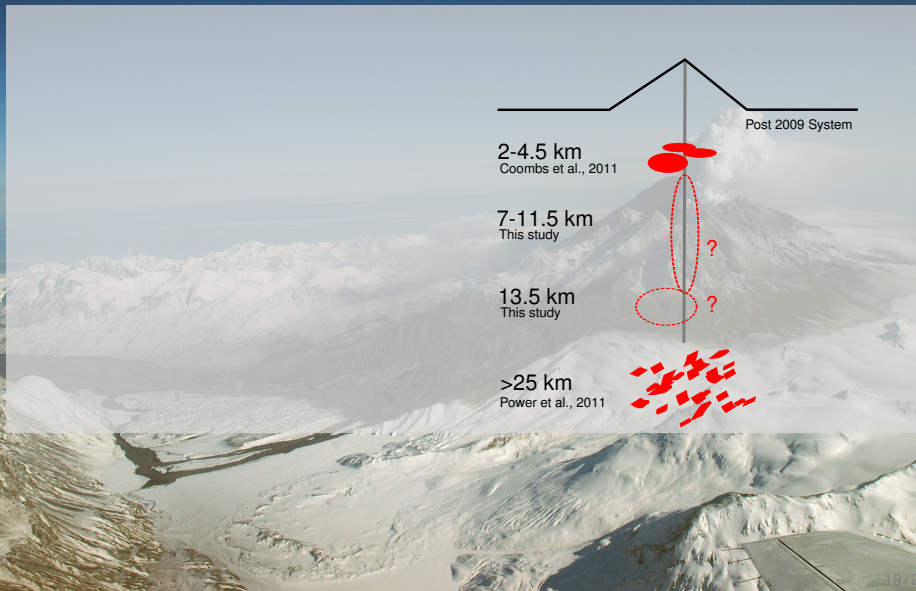
image: Janet Schaefer





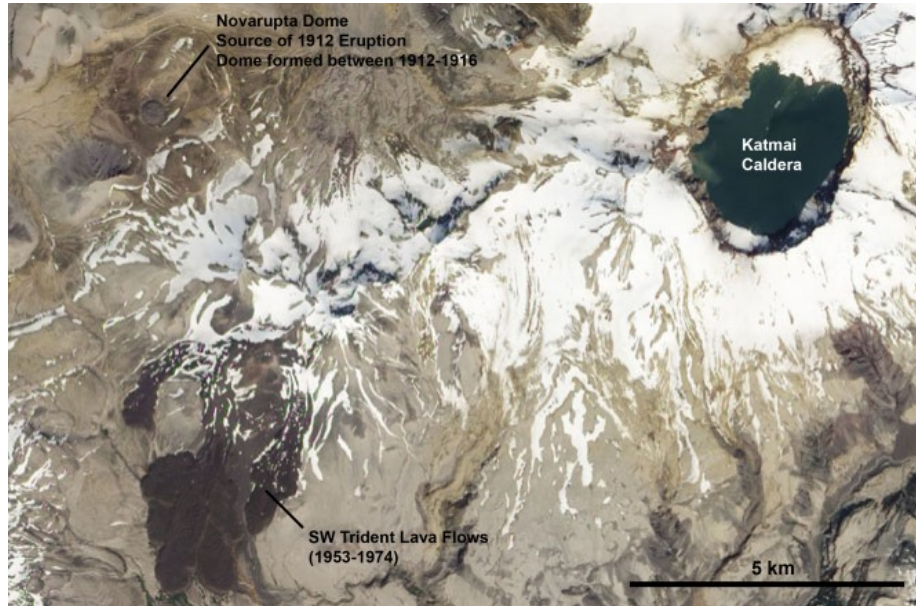
# Redoubt: Source Evolution

image: Janet Schaefer



# Volcanoes - Kamchatka

image: NASA, E. Klemetti

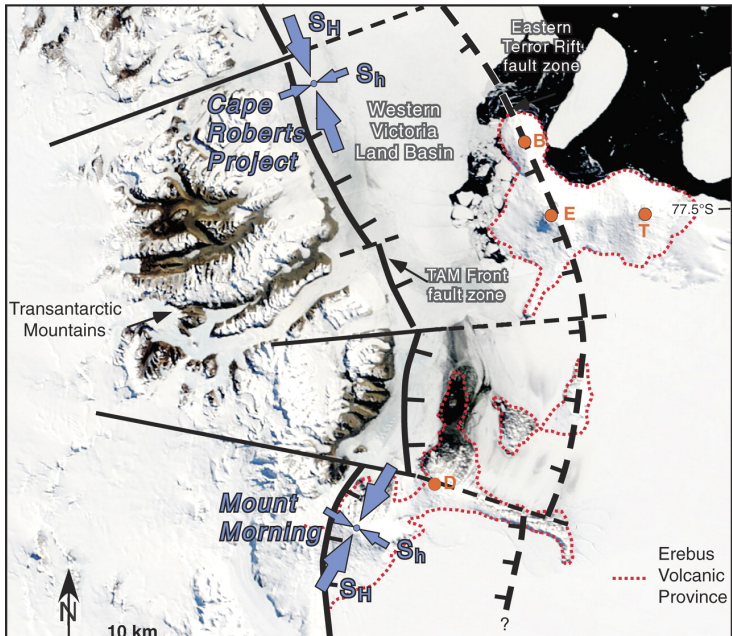




McMurdo  
Scott Base  
Nimrod  
Falkland  
Gardner

# Volcanoes - Antarctica

figure: T.S. Paulsen, T.J. Wilson; GSA



# Volcanoes - Antarctica





# Volcanoes - Antarctica



# Volcanoes - Antarctica

