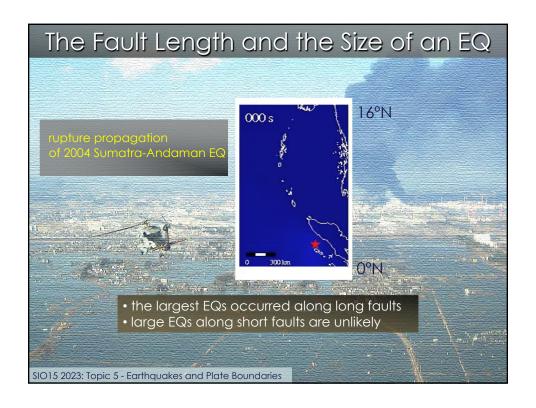
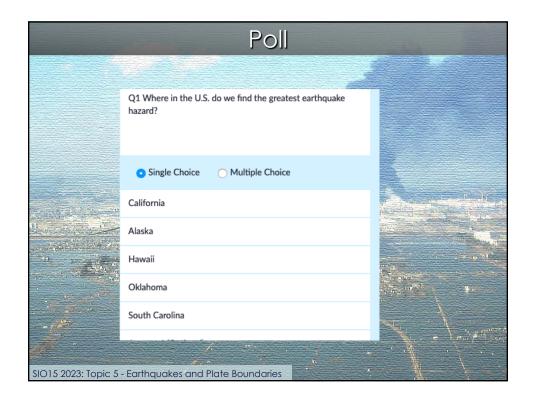
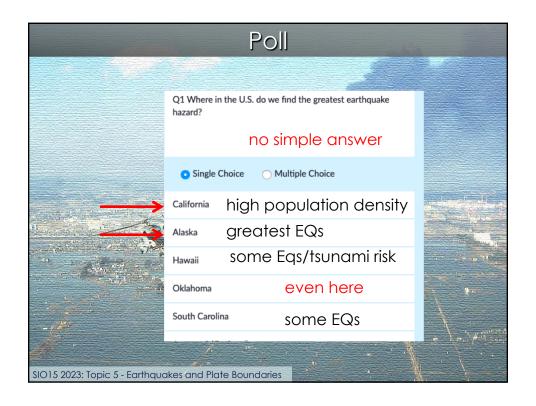
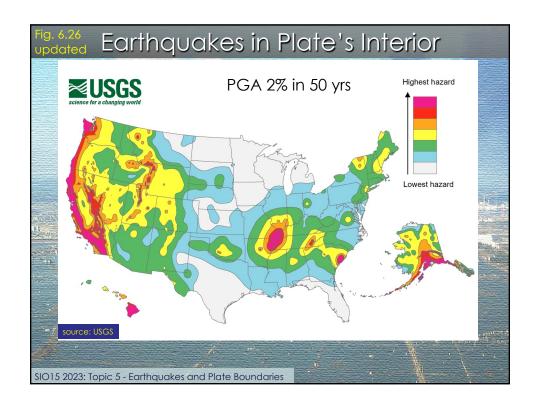


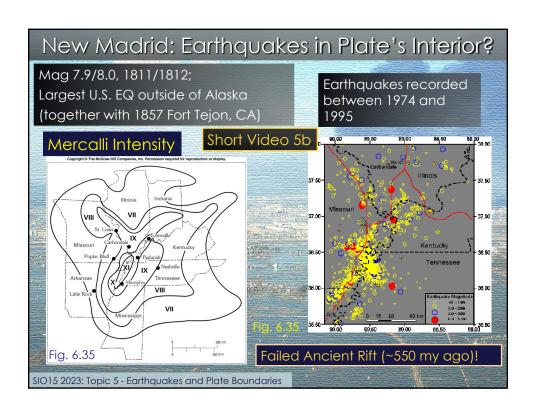
	nk Location	Date		Plate Boundary	
1	Valdivia, Chile	22 May 1960	9.5	Nazca (plate) subduction	
2	Prince William Sound, Alaska "Good Friday Earthquake"	28 Mar 1964	9.2	Pacific subduction	
3	Sumatra-Andaman, Indonesia	26 Dec 2004	9.1	Indian subduction	
4	Tohoku, Japan	11 Mar 2011	9.0	Pacific subduction	
5	Kamchatka	04 Nov 1952	9.0	Pacific subduction	
6	Maule, Chile	27 Feb 2010	8.8	Nazca subduction	
7	Off the Coast of Ecuador	31 Jan 1906	8.8	Nazca subduction	
8	Rat Islands, Alaska	04 Feb 1965	8.7	Pacific subduction	
9	Northern Sumatra, Indonesia	28 Mar 2005	8.6	Indian subduction	
10	Assam, India - Tibet	15 Aug 1950	8.6	India/Asia collision	
11	Andreanof Islands, Alaska	09 Mar 1957	8.6	Pacific subduction	
12	Southern Sumatra, Indonesia	12 Sep 2007	8.5	Pacific subduction	
13	Banda Sea, Indonesia	01 Feb 1938	8.5	Pacific/Indian subduction	
14	Kamchatka	03 Feb 1923	8.5	Pacific subduction	
15	Chile-Argentina Border	11 Nov 1922	8.5	Nazca subduction	
16	Kuril Islands	13 Oct 1963	8.5	Pacific subduction	
1.00					

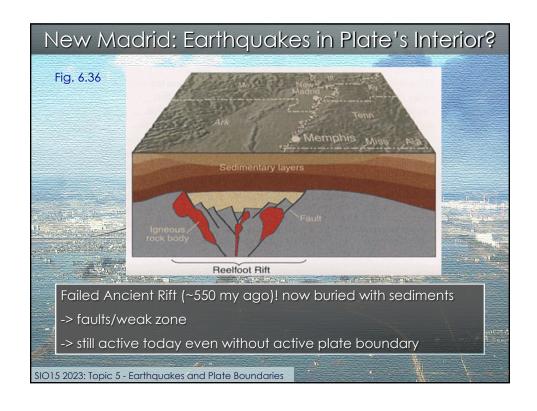


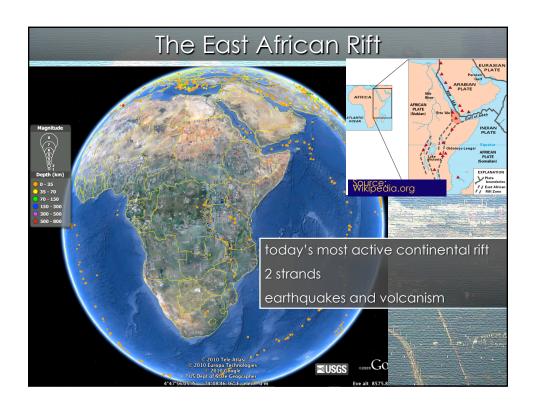


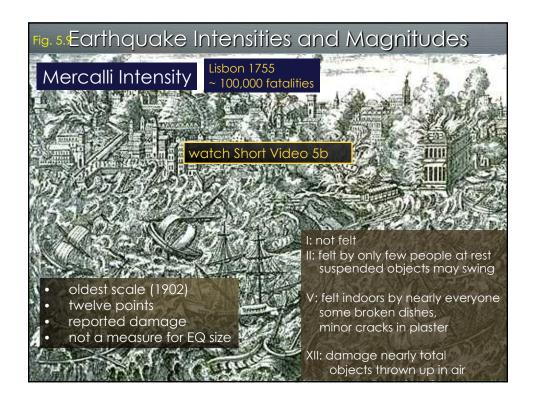


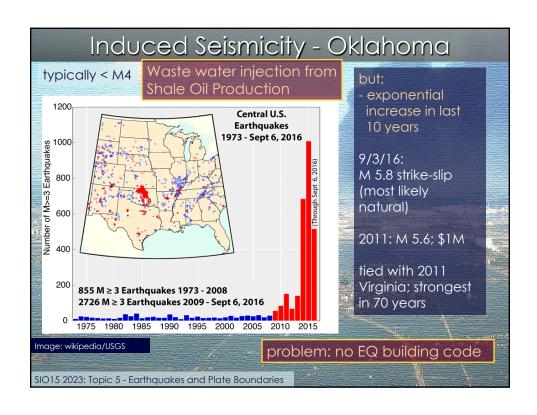


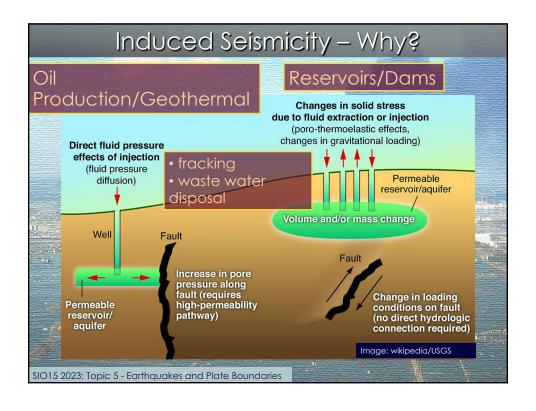


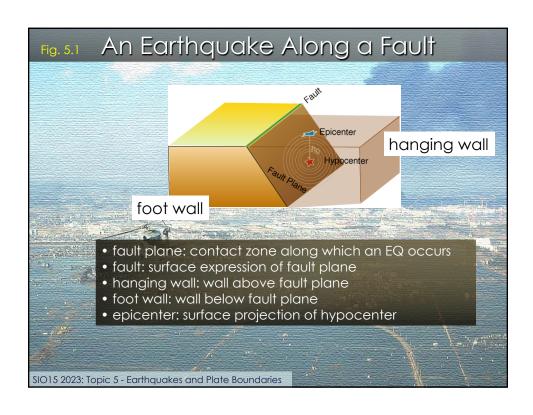


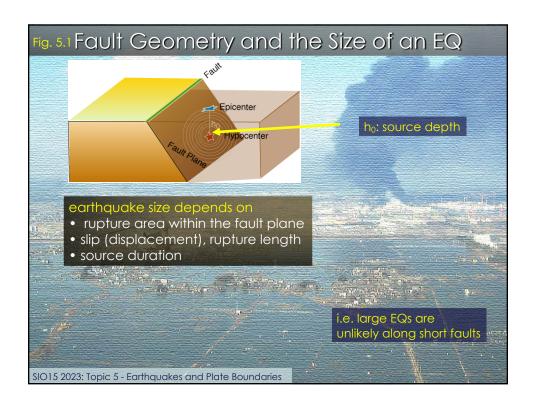












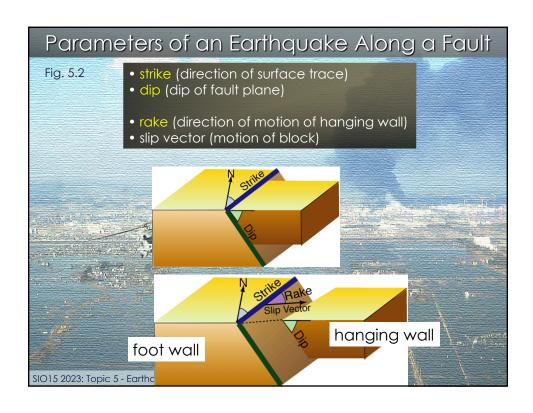


Table 5.5 Annua	Worldwide Seismicit	y by Moment Magnitude (modified from ⁽³⁾)		
Magnitude	# of EQs/year	Estimated Radiated		
		Seismic Energy (×10 ¹⁷ J)		
8.5 and up	0.3	11.1		
8.0-8.4	1 3 15 56 210	5.0		
7.5-7.9		2.7		
7.0-7.4 6.6-6.9		2.4		
6.0-6.5		1.7		
5.0-5.9	800	0.59		
4.0-4.9	6200	0.15		
3.0-3.9	49,000	0.04		
2.0-2.9	350,000	0.008		
0.0-1.9	3,000,000	0.002		
• > 3 5	Mio per year			
		A CONTRACTOR OF THE CONTRACTOR		
• smal	l events often			
• larae	e events rare			

