Sources of Ear 1. Radioac	th's Energy tive Decay	
•	<u>Geothermat ricating.</u>	
•	Hot Spots:	
	Ex	
2. Incomin	g Solar Radiation (aka):):	
•	metades att pares of the	
How does the	Earth cool off?	
Equilibrium 1. Static e	quilibrium:	
2. Dynamic	Equilibrium:	
What kind of e	quilibrium can Earth reach in terms of energy?	
What would have to be true if Earth was in equilibrium in terms of its energy?		

1.	Our atmosphere blocks a lot of insolation, including most
	Visible light
	2a. Some visible light is reflected back into space by
3.	Some visible light is reflected back out by
4.	Lots of visible light is absorbed by Earth's surface and warms it up.
	Albedo:
	o
	0
5.	Reradiation (
	generates
	Terrestrial radiation warms the atmosphere from

The Greenhouse Effect:

6.	a.	Greenhouse gases (CO ₂ , CH ₄ , CFC's) absorb
6.	b.	Some infrared radiation
7.	Th	e warmed atmospheric gases will reradiate infrared too. Some will warm

Greenhouse Effect vs. Global Warming