

What three main abiotic factors need to be present in order for life to be supported?

SUN

AIR

WATER

LAND

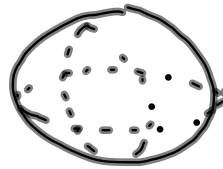
When all of these are present, life can be supported.

↳  
"bio" - means life

# BIOSPHERE

↙  
"life"

↘ 3-D circle



\* the area on Planet Earth where life can be supported

(the sum of all of the ecosystems on Planet Earth)

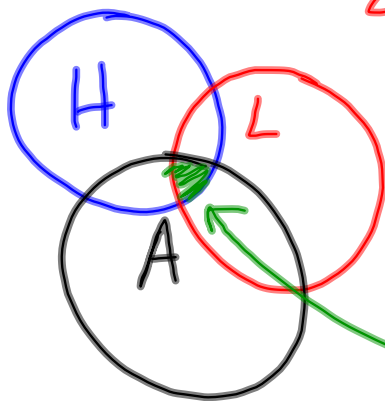
Earth's biosphere contains all of its ecosystems.

We use the term biosphere to refer to the areas on Planet earth that are capable of supporting life.

WATER - hydrosphere

AIR - atmosphere

LAND - lithosphere



this represents the biosphere

the place where all three of these spheres intersect is called the biosphere

lets think about the  
distribution of Land  
and water on  
Planet Earth

LAND  
|||||

WATER  
|||||    |||||  
|||

On planet Earth  
roughly 70% of  
the surface is covered  
with water

~ 30% is land

# Earth's Water

Where is the water on planet earth?

groundwater	frozen in glaciers	people	rivers
precip.	oceans	other	streams
clouds	lakes	living things	sinks + pipes
	ponds		
	water vapor		