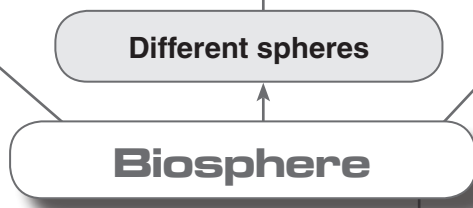
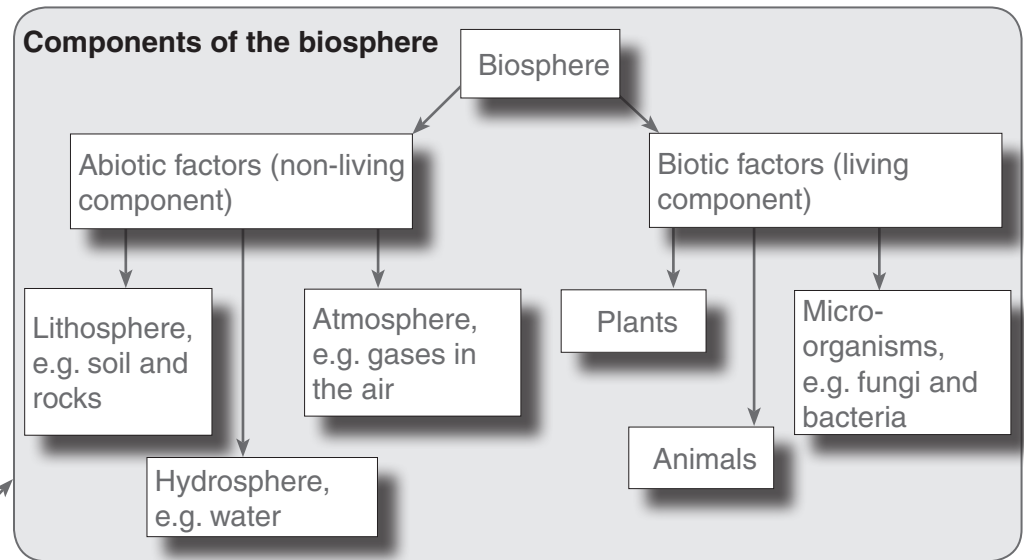


- **Biosphere (plants and animals):**
The part of the earth wherein all life occurs.
- **Lithosphere (soil):**
The hard outer layer of the earth
- **Hydrosphere (water):**
All water in different forms on earth
- **Atmosphere (air):**
A layer of gases around the earth



- Adaptations**
- In cold conditions:**
- Animals:**
- Migrate
 - Hibernate
 - Insulate
- Plants:**
- Shed leaves
 - Hibernate underground

- In dry conditions:**
- Animals:**
- Summer sleep
 - Water from plants
 - Eggs wait for rain to hatch.
- Plants:**
- Store water.
 - Reduce moisture loss.

- Lithosphere:**
- Plants require:**
- Mineral salts
 - Place to anchor.
 - Water
 - Place for seed to germinate
- Animals require:**
- Food
 - Mineral salts
 - Habitat

- Hydrosphere:**
- Plants require:**
- Photosynthesis
 - Transportation and as solvent
 - Structure
 - Chemical reactions
 - Habitat
 - Pollen and seed distribution
- Animals require:**
- Solvent
 - Transport medium
 - Chemical reactions
 - Habitat
 - Cleaning, relaxation
 - Hydrostatic skeleton

- Atmosphere:**
- Plants require:**
- Respiration
 - Photosynthesis
 - Reproduction
- Animals require:**
- Respiration
 - Flying
 - Air travel (humans)

- Life processes**
- Feeding
 - Growth
 - Reproduction
 - Respiration
 - Excretion
 - Sensitivity
 - Movement