Physical Geography: An Introduction to the Global Environment

*Introduction*
Physical Geography – About how everything links to each other

- wildfires
- greenhouse gases, aerosols
- cloud formation
- runoff
- drainage
- groundwater
- weathering
- decomposition
- primary production
- nutrient uptake
- evapotranspiration
- ecosystem services
- litter
- longwave radiation
- shortwave radiation
- air pollution
- CO₂ emission
- temperature
- greenhouse effect

Hydrosphere

Atmosphere

Biosphere

Lithosphere

(Evapotranspiration)
What will be your strengths as a Physical Geographer

-You have a **holistic** thinking, you know about links and feedbacks between different parts of the ecosystem. You are therefore good at **synthesizing** information and draw conclusions from it.

-You are a **GIS expert**!

-You are good at fighting with computers and **solving problems**!

-You have a lot of **field experience**.
Go out and observe!

- Find examples of processes linking at least two of the spheres (lithosphere, atmosphere, hydrosphere and biosphere).

- Take one or a couple of photos and describe the connections of one of the processes you identify.

- Work together within the two groups. Each group should send the photos to cecilia.akselsson@nateko.lu.se.

- Decide one or a few persons who are responsible for showing the photos and describing the processes in the first few minutes at my lecture at 13:15 on Wednesday.