

Define dynamic equilibrium	Define flux	Explain the difference between an open and a closed system
Explain the concept of latent heat	Define accumulation and ablation	What is the cryosphere?
What is meant by glacial and interglacial periods?	Define precipitation	Define evaporation
Explain the concept of interception	Define transpiration	Define throughflow

Define percolation	Define groundwater flow	Explain the concept of stemflow
Explain how deforestation impacts on the water cycle	Explain how urbanisation impacts on the water cycle	Explain how the relief of a drainage basin impacts on the water cycle
Explain how dry soil impacts on the water cycle	Explain how prolonged rainfall impacts on the water cycle	What are the origins of carbon?
What is anthropogenic CO ₂ ?	What is the enhanced greenhouse effect?	Describe the process of human carbon sequestration.

Define carbon sink	Explain the role of photosynthesis in the carbon cycle	Explain the role of decomposition in the carbon cycle
Explain the role of respiration in the carbon cycle	Explain the role of biomass combustion in the carbon cycle	Explain the role of volcanic activity in the carbon cycle