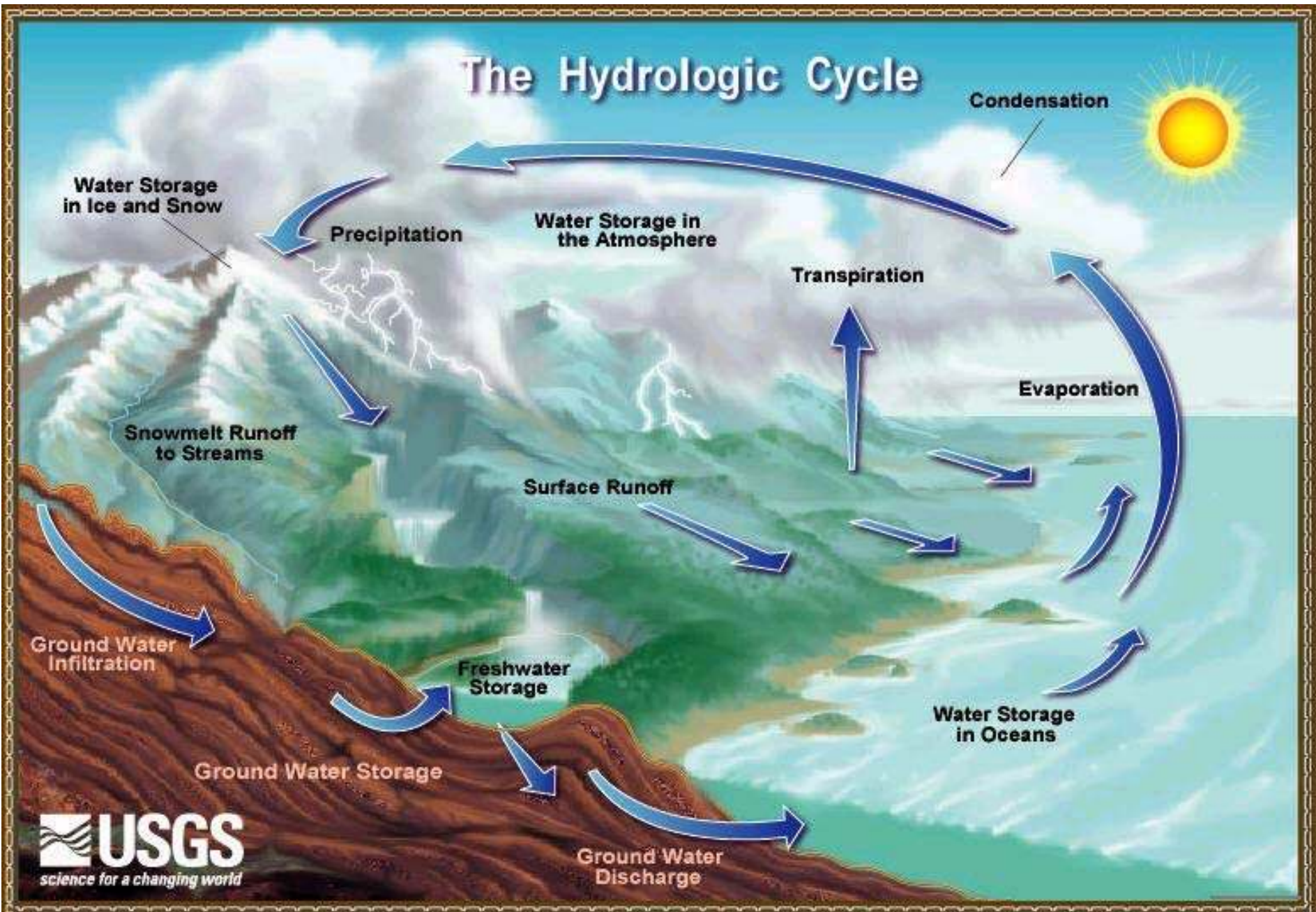


Cycles of Matter

The Hydrologic Cycle





Scottish Centre for Carbon Storage

www.geos.ed.ac.uk/sccs

Atmospheric
 CO_2

plant
respiration

deforestation

burning
fossil fuels
releases
carbon

human/animal
respiration

oceanic
photosynthesis
and respiration

photosynthesis

storage in
land plants

carbon enters
soil via organic
matter

dead marine life
becomes
sediments

fossil fuels lock
carbon out of
the carbon cycle

fossil carbon

Peter Reed 2009

