**Sedimentary Rocks**
sorting
diagenesis
compaction
lithification
cementation
chemical
biochemical
detrital
clastic
sedimentary structure
ripples
bioturbation
bedding
cross-bedding
conglomerate
sandstone
shale
clay
siltstone
mudstone
breccia
arkose
evaporite rock
carbonate rock
limestone
travertine
dolostone
coal
chert

**Weathering**
weathering
physical (mechanical) weathering
chemical weathering
hydrolysis
dissolution
oxidation
frost wedging
hematite
unloading
Metamorphic Rocks
metamorphic rock
contact metamorphism
regional metamorphism
shock metamorphism
foliation
slate
gneiss
phyllite
schist
migmatite
mylonite
marble
quartzite
greenstone
index minerals

Geologic Time
geologic time scale
Phanerozoic Eon
Cenozoic Era
Mesozoic Era
Paleozoic Era
Pennsylvanian Period
Mississippian Period
Jurassic Period
isotopic (radiometric) dating
half-life
relative dating
Law of Superposition
Principle of Original Horizontality
Principle of Cross-Cutting Relationships
inclusions
unconformity
nonconformity
angular unconformity
disconformity
correlation
Principle of Faunal Succession
index fossils
Hydrologic Cycle
infiltration
transpiration
precipitation
condensation
evaporation
runoff
groundwater

Surface Water
stream
channel
discharge
flood
base level
V-shaped valley
U-shaped valley
suspended load
bed load
dissolved load
capacity
competence
alluvial fan
delta
braided stream
floodplain
channelization
meander
natural levee
oxbow lake
point bar
drainage basin
drainage divide
Groundwater
- infiltration
- groundwater
- permeability
- porosity
- aquiclude
- aquifer
- hydraulic head
- hydraulic gradient
- confined aquifer
- unconfined aquifer
- perched aquifer
- water table
- artesian
- gaining stream
- losing stream
- recharge
- saturated zone
- unsaturated zone
- sinkhole
- cone of depression
- karst topography