

| <b>B</b>      | <b>I</b>              | <b>N</b>          | <b>G</b>      | <b>O</b>         |
|---------------|-----------------------|-------------------|---------------|------------------|
| run-off       | biogeochemical cycles | denitrification   | open system   | lithosphere      |
| condensation  | reservoir             | nitrogen cycle    | carbon cycle  | nutrients        |
| precipitation | system                | <b>FREE</b>       | closed system | hydrologic cycle |
| hydrosphere   | phase change          | infiltration      | fossil fuels  | matter           |
| evaporation   | combustion            | nitrogen fixation | transpiration | decomposition    |

|                 |                      |                |                     |                          |
|-----------------|----------------------|----------------|---------------------|--------------------------|
| <b>B</b>        | <b>I</b>             | <b>N</b>       | <b>G</b>            | <b>O</b>                 |
| system          | carbon<br>cycle      | open<br>system | condensation        | nitrogen<br>cycle        |
| denitrification | transpiration        | lithosphere    | combustion          | nutrients                |
| hydrosphere     | closed<br>system     | <b>FREE</b>    | hydrologic<br>cycle | biogeochemical<br>cycles |
| fossil<br>fuels | nitrogen<br>fixation | run-off        | decomposition       | phase<br>change          |
| infiltration    | matter               | precipitation  | reservoir           | evaporation              |

| <b>B</b>            | <b>I</b>                 | <b>N</b>          | <b>G</b>        | <b>O</b>         |
|---------------------|--------------------------|-------------------|-----------------|------------------|
| combustion          | nitrogen<br>fixation     | carbon<br>cycle   | matter          | closed<br>system |
| run-off             | hydrosphere              | infiltration      | reservoir       | lithosphere      |
| precipitation       | decomposition            | <b>FREE</b>       | phase<br>change | fossil<br>fuels  |
| system              | nutrients                | open<br>system    | transpiration   | denitrification  |
| hydrologic<br>cycle | biogeochemical<br>cycles | nitrogen<br>cycle | condensation    | evaporation      |