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Biogeochemical Cycles



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Contents

Sedimentary Cycle

- *Phosphorous cycle*
- *Human Impact on phosphorus cycle*
- *Sulfur Cycle*
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- *Adverse Effects*

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Phosphorus cycle

Lithosphere ✓

Hydrosphere ✓ Atmosphere ✗

Living Organism ✓

- Main Component of Nucleic Acid
- Part of energy storing molecules
- Bones and Teeth



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Main Reservoir- Rocks

Small cycle + Global cycle

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Human Impact on Phosphorous

- Dead zone due to lack of oxygen in water resources
- Health related problems



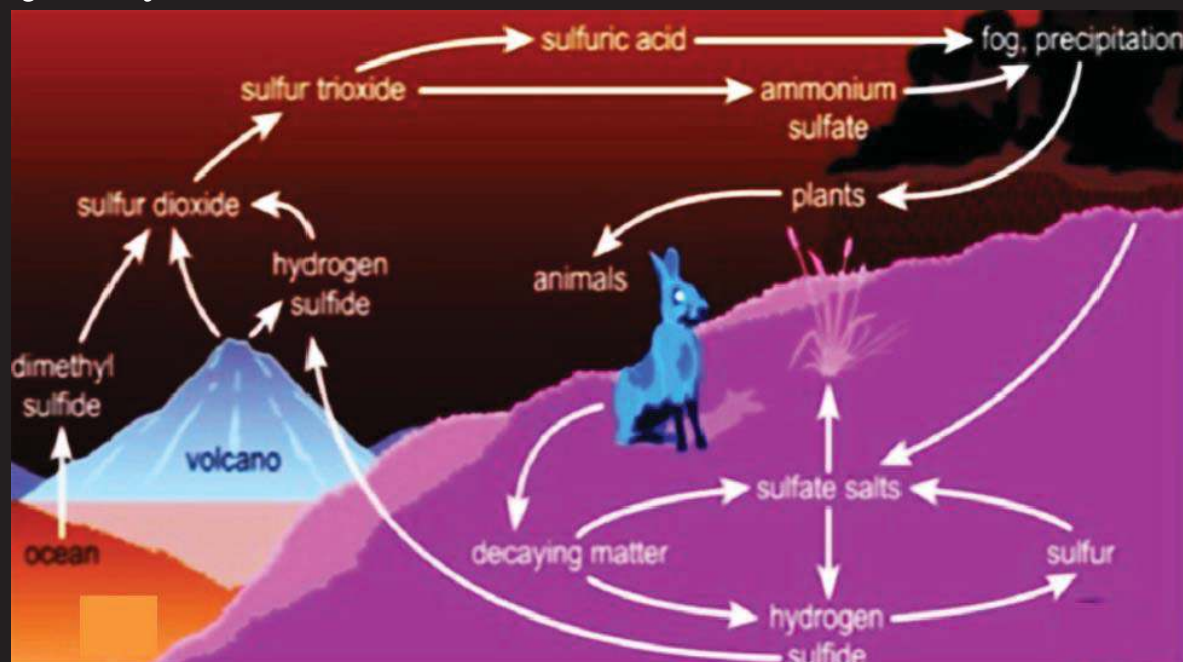
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Sulfur Cycle

- Natural form-Solid
- Amino acids ,protein, Vitamins and enzymes
- Main Reservoir- Rocks & Oceans

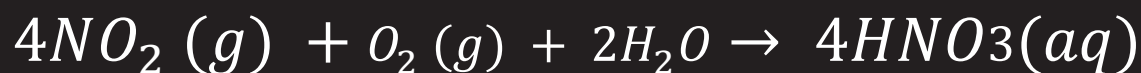
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Sulfur Cycle



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Acid Rain



Effects

- *Disturbance of blood circulation*
- *Eye related*
- *Reproductive failure*
- *Immune System*
- *Damage of liver & kidney function*

