The Sulfur cycle Component Imput to soil Loss from soil Atospheric Atmosferic Volatilization deposition sulfur SO₂ gas harvest Mineral Plant Animal fertilizers residues manures and biosolids Runoff and Plant <u>E</u>lemental adsorbed or sulfur S^{o} uptake mineral sulfur Reduced

Sulfate

 (SO_4^2)

Weathering

Inmobilization

Mineralization

Organic

sulfur

Bacterial Oxidation

Bacterial reduction

sulfur H₂S, HS

Leaching

Mineral formation