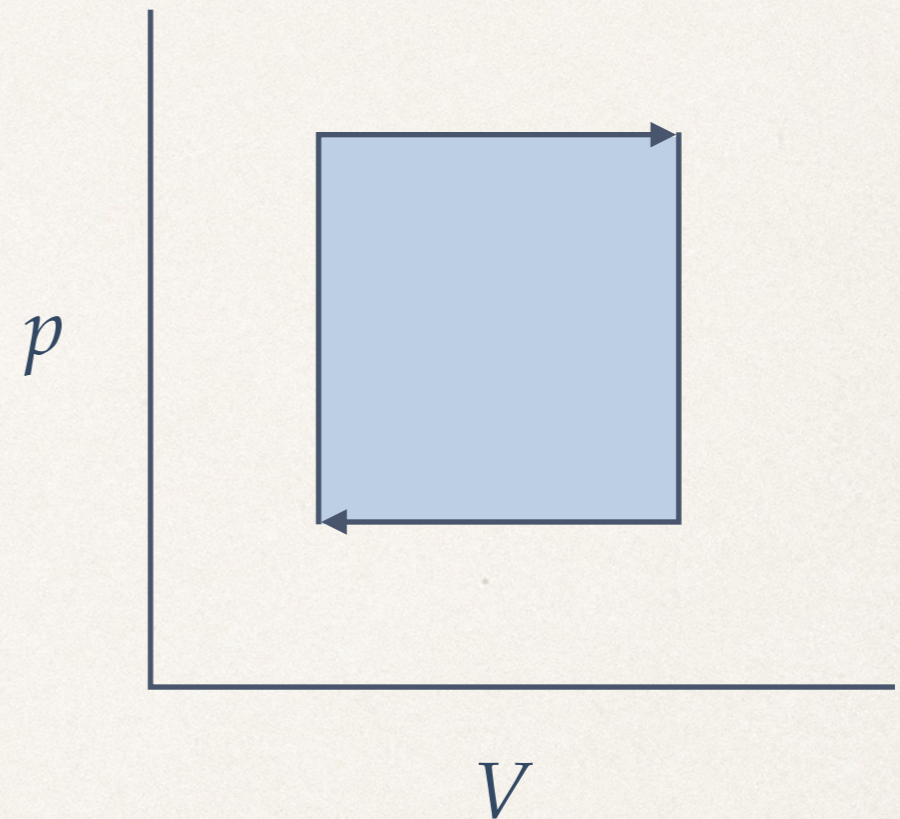


# First Law

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Energy is conserved when you take heat into account

$$\ast dU = \delta Q + \delta W$$



A common form of work  
in geology is  $p$ - $V$  work