



Water & Energy Cycles Water is crucial to life. As both global population and temperatures increase, fresh water becomes more precious and the need for global observations of water in its various forms becomes critical. JPL measurements of ocean surface topography, ocean salinity, gravity variations, global soil moisture, land freeze/thaw state, atmospheric water vapor, and clouds enrich our understanding of processes that link water, energy, and carbon cycles, and will extend the capabilities of weather and climate prediction models.

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