



	Altimetry	InSAR (active radar)	Gravimetry	GNSS (microwaves)
Water parameter	Surface water level <ul style="list-style-type: none"> <li>• River flow</li> <li>• Reservoir storage</li> <li>• Wetlands for floods and storage</li> </ul>	Land surface deformation <ul style="list-style-type: none"> <li>• Wetland water levels</li> <li>• Subsidence</li> <li>• Floodplain shifts</li> <li>• Snow topography</li> </ul>	Total water storage <ul style="list-style-type: none"> <li>• Groundwater</li> <li>• Seasonal storage</li> <li>• Drought impacts</li> </ul>	Vertical land motion <ul style="list-style-type: none"> <li>• Uplift</li> <li>• Levee stability</li> <li>• Soil moisture</li> <li>• Subsidence</li> </ul>