

### Surface Water and Ocean Topography (SWOT) Mission

In December 2022, a spacecraft called the Surface Water and Ocean Topography (SWOT) mission will launch to study our home planet! As the satellite orbits our planet, it will observe nearly all the water on Earth's surface. This will help scientists understand how much water flows into and out of Earth's freshwater bodies, such as lakes and rivers. It will also give scientists clues about the ocean's role in Earth's changing climate.

В		<u>N</u>	<u>G</u>	
Water	Ocean	Radar	Separation	Lakes
Vandenberg	Climate	Rivers	Earth	Global
Instrument	Launch		Flood	Mission
Sea Level	Surface	Orbit	Data	Communities
Coast	Rocket	Satellite	Science	Spacecraft

<sup>\*</sup> The SWOT mission is led by NASA and the French space agency Centre National d'Études Spatiales (CNES), with contributions from the Canadian Space Agency and the UK Space Agency



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Data	Communities	Sea Level	Orbit	Surface
Separation	Lakes	Global	Satellite	Rocket
Flood	Mission		Instrument	Launch
Earth	Rivers	Radar	Water	Ocean
Science	Spacecraft	Coast	Vandenberg	Climate

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Flood	Rivers		Orbit	Ocean
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