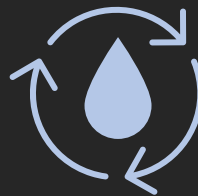


GHI: Advancing water cycle intel to manage risks and resources...



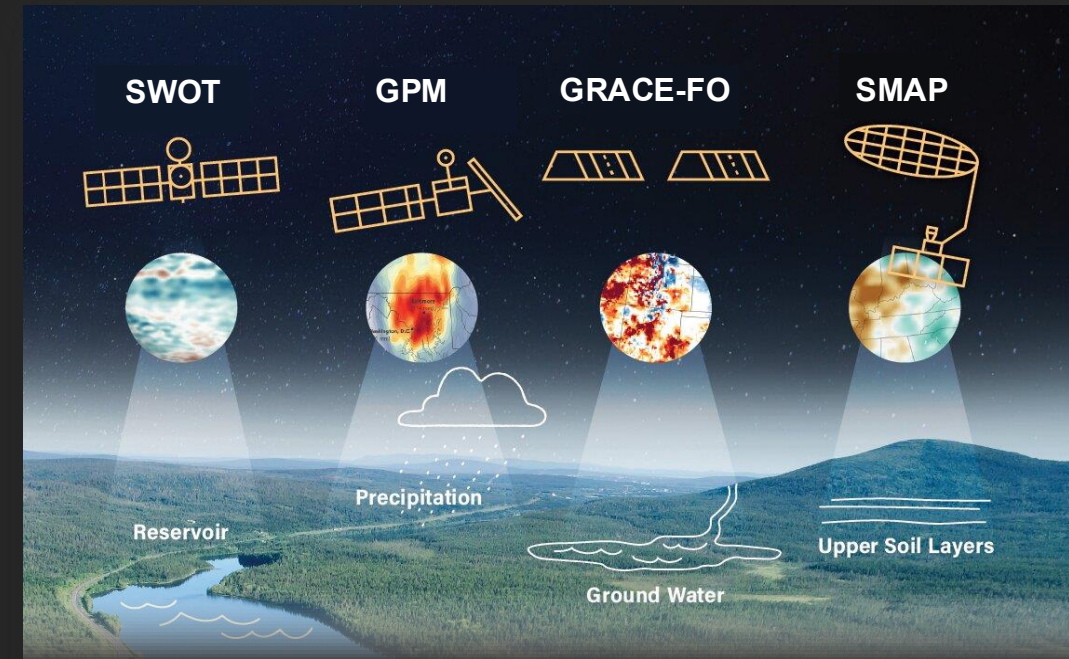
Using satellite data and models, the **Global Hydro-Information (GHI)** tool, developed in partnership between NASA and the U.S. Air Force, provides a steady stream of insights on water in lakes and reservoirs, soil moisture, snow cover, and vegetation

Real-time to seasonal data helps to predict and identify risks for military operations, supports natural disaster preparedness and relief, and informs efficient water decisions to benefit agriculture, food security and the broader public



20
years

NASA and the U.S. Air Force
strategic partnership



Multiple satellites measure water as it falls and where it resides on land. NASA's Land Information System (LIS), which underpins GHI, combines the data with land information to assess conditions like flooded or muddy surfaces, drought, overgrown vegetation, and other impacts on overland transportation.

