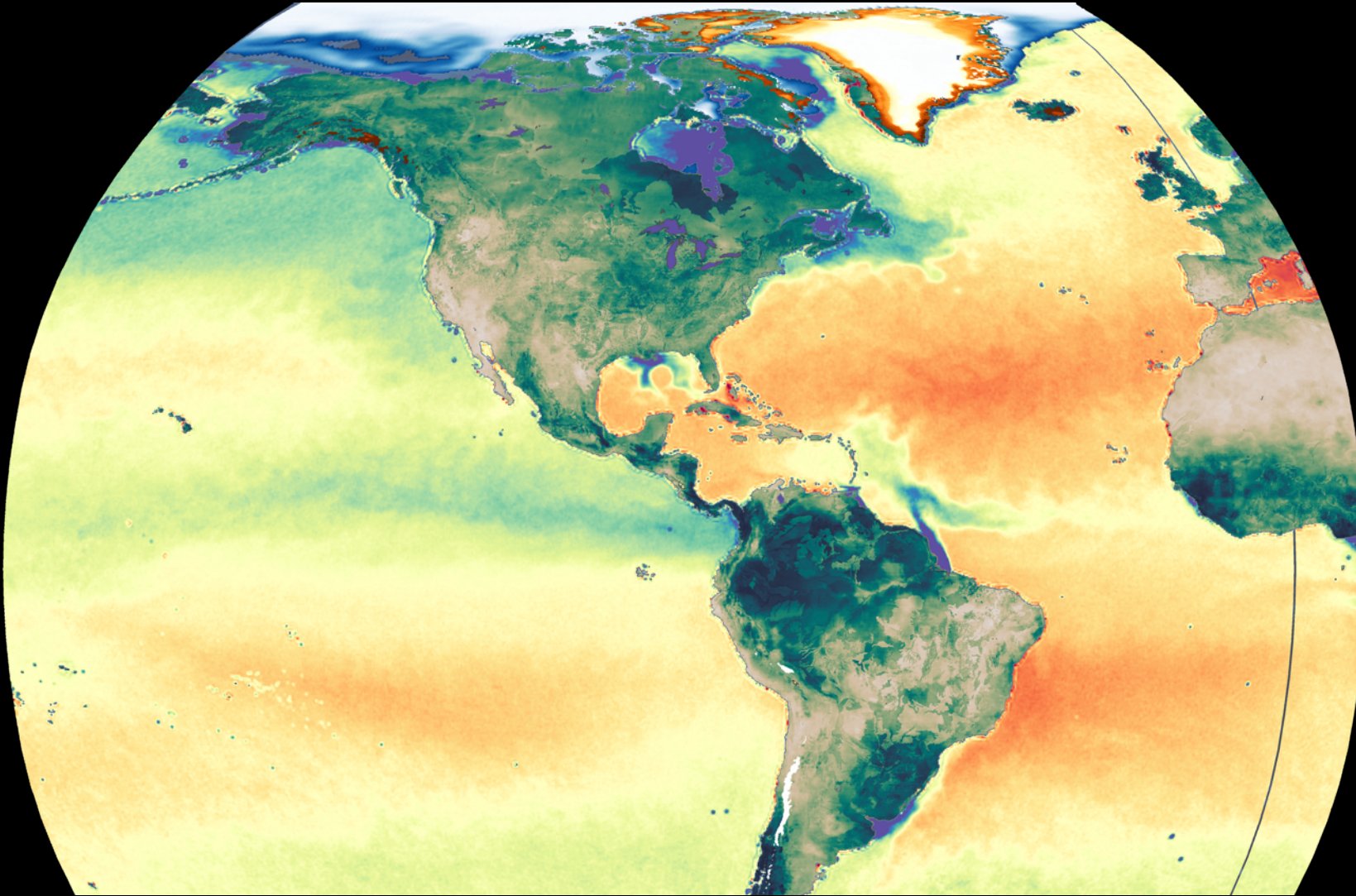


# An Analysis of Ocean, Land and Ice



This image demonstrates the capability of NASA's Global Modeling and Assimilation Office (GMAO) to analyze the ocean, land, and ice surfaces using NASA's satellite observations. Brightness temperatures from the Soil Moisture Active Passive (SMAP) mission and the Special Sensor Microwave Imager (SSM/I) are blended with model fields to derive salinity in the ocean, soil moisture at the land surface, and the thickness of sea ice.