

Size Standard	SSAI is an SBA-certified woman-owned small business headquartered in Lanham, MD – approx. 500 employees
Corporate Description	An advanced science and technology company combining scientific expertise, engineering, modeling, data, and AI/ML to solve complex mission challenges.
Organizations we support at Goddard	Code 610, 670, and 690
Goddard Contracts	Hydrosphere, Biosphere, and Geophysics (HBG) Global Modeling and Assimilation Office (GMAO)
Other Contracts	EPA-ORS (subcontractor), MDA – SHIELD, OASIS +, GSA MAS

Capabilities

• Remote Sensing • Algorithm Development • Geodesy and Geophysics • Land-Atmosphere Interaction and Land Surface Modeling • Hydrology and Water Quality • Cryospheric Science • Ocean Biogeochemistry	• Atmospheric Chemistry – Air Quality • Global Modeling of the Earth System • Climate Diagnostics and Climate Change • Earth-Sun Interaction; Space Weather; Interaction of Solar Wind with Upper Atmospheres and Magnetospheres • Lunar Science with focus on water and In-Situ Resource Utilization (ISRU)	• Mars Atmospheric Modeling • Observing System Simulation Experiments (OSSEs) for Mars • AI/ML Systems & Services Development • High-Performance Computing • Engineering Services • Data Management (Processing, Archival, Distribution, Visualization)
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Wholly-Owned Subsidiaries

Advanced Mission Partners – Manufacturing | Sigma Engineering and Fabrications – Machine Shop | Elucidation Concepts – IT Services & Cybersecurity