



# Member Company Spotlight

## Science Systems and Applications, inc.

<b>Size Standard</b>	SSAI is an SBA-certified woman-owned small business headquartered in Lanham, MD – approx. 500 employees
<b>Corporate Description</b>	A science support services company with engineering, IT, and data analytics expertise
<b>Organizations we support at Goddard</b>	Code 610, 670, and 690
<b>Goddard Contracts</b>	Hydrosphere, Biosphere, and Geophysics (HBG) Global Modeling and Assimilation Office (HBG)
<b>Other Contracts</b>	EPA-ORS, MDA – SHIELD, OASIS +, GSA MASS

### Capabilities

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| <ul style="list-style-type: none"> <li>• Remote Sensing</li> <li>• Algorithm Development</li> <li>• Geodesy and Geophysics</li> <li>• Land-Atmosphere Interaction and Land Surface Modeling</li> <li>• Hydrology and Water Quality</li> <li>• Cryospheric Science</li> <li>• Ocean Biogeochemistry</li> </ul> | <ul style="list-style-type: none"> <li>• Atmospheric Chemistry – Air Quality</li> <li>• Global Modeling of the Earth System</li> <li>• Climate Diagnostics and Climate Change</li> <li>• Earth-Sun Interaction; Space Weather; Interaction of Solar Wind with Upper Atmospheres and Magnetospheres</li> <li>• Lunar Science with focus on water and In-Situ Resource Utilization (ISRU)</li> </ul> | <ul style="list-style-type: none"> <li>• Mars Atmospheric Modeling</li> <li>• Observing System Simulation Experiments (OSSEs) for Mars</li> <li>• AI/ML Systems &amp; Services Development</li> <li>• High-Performance Computing</li> <li>• Engineering Services</li> <li>• Data Management (Processing, Archival, Distribution, Visualization)</li> </ul> |
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### Wholly-Owned Subsidiaries

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