SSAI is seeking a Senior Scientific Programmer Analyst to work on multi-spectral earth remote sensing projects for NASA Goddard Space Flight Center in Greenbelt, MD. Join a team of dynamic scientists and programmer analysts as we help NASA develop and improve geolocation algorithms and processes for data generated by JPSS, GOES, Terra, Aqua and other Earth observing satellites. The position requires utilizing spacecraft attitude, spacecraft ephemeris, telemetry data, remote sensing instrument’s instrument camera model for accurate geolocation of the observations and refinement of the geolocation information with application of ground truth to instrument observations. The incumbent in this position will also characterize instrument geometric/spatial properties including pixel resolution, band to band registration, and instrument modulation transfer functions. The incumbent will support the team responsible for generating the first level calibrated and geo-located data products. This position requires a minimum of a B.S. degree and five years of relevant experience, or an equivalent combination of education and professional experience. Other requirements include a good analytic background in engineering, physics and math; a strong working knowledge of IDL or Matlab, C or C++, FORTRAN and experience with physics related to satellite geolocation, orientation and orbit determination. Please contact Shriram Ilavajhala at shriram.ilavajhala@nasa.gov for more info.