

Statement of Work

Contractor		Contract Order Number
Mississippi Research Consortium		NNS08AA83B
Requestor	Request Date	Required Completion Date
Duane Armstrong	June 7, 2013	One (1) year after award
Contract Title		
SWOT Mission Application Representative		
Fund Source	Benefitor	WBS Category Supported
ASTPO (see PR)	Q511	Applied Sciences
This task will be incrementally funded each year of service.		
Scope of Work		
<p>The NASA Applied Sciences Program (ASP) leverages NASA Earth Science satellite measurements and new scientific knowledge to enable innovative and practical uses by public and private organizations. One of the Program's key goals is to ensure that NASA's flight missions plan for and support operational applications in conjunction with science objectives.</p> <p>The SSC SWOT Application Representative (SSAR) shall work with ASTPO, the JPL SWOT Application Representative, and the ASP Program Manager (collectively referred to as the SWOT Applications Team) to design and implement the SWOT applications program. The SSAR shall interact with the mission teams, stay abreast of developments, and provide an applications-oriented perspective to the mission. The SWOT Applications Team is expected to support meetings, workshops, telecons, etc. related to the mission and articulate the key applied sciences focus & applications issues within the mission.</p> <p>Travel as required.</p>		
Deliverables		
<ul style="list-style-type: none"> • Work with SWOT scientists and the ASP Program Manager to craft language for an applied sciences component in science definition team/science team solicitations • Support the ASP Program Manager to provide updates every 3 months regarding the mission and key applications-oriented issues. • Work with the science and mission teams to identify potential applications • Identify potential users and early adopters for new SWOT data products • Develop products to promote and clarify the diverse applications supported by SWOT • Attend significant SWOT science and mission meetings • Support AirSWOT campaigns to enable application examples and proxy datasets • Identify SWOT applications-oriented study opportunities 		

- Develop rapid-prototyping projects to identify end-to-end processes and streamline how a potential applications community may obtain and utilize a simulated data set

Milestones

Quarterly SWOT Application Team report

(See Deliverables)

Standards