



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
 NATIONAL ENVIRONMENTAL SATELLITE, DATA AND  
 INFORMATION SERVICE  
 Silver Spring, MD 20910

### S4 Account Request Form

NESDIS and University of Wisconsin (UW) have established a collaboration to allow scientists to undertake efforts related to satellite data utilization using NOAA systems. This form is to be used by scientists who would like to apply for an account on the Super Computer for Satellite Simulation and Data Assimilation Studies (S4). Please fill in the information requested below and obtain proper approvals. After approval, the request will be forwarded to the S4 Team who will contact the applicant directly.

Name (of account applicant): \_\_\_\_\_ Nationality: \_\_\_\_\_  
 If not a US Citizen, provide residence status: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ Affiliation: \_\_\_\_\_  
 Employment Status (Federal or State Employee, Contractor, Professor, Post-doc, etc.): \_\_\_\_\_  
 Title of project: \_\_\_\_\_  
 Description of project: \_\_\_\_\_

Funding source of project (JSDI, PSDI, FFO, GOES-R, etc.) \_\_\_\_\_  
 Area that corresponds the most to the purpose of the project (please circle one):  
 A- Satellite DA (Global Scale)      B- Satellite DA (Regional Scale)      C- Satellite simulation/proxy data  
 D- OSSE Experiments                E- OSE/Data Denials/Adjoint                F- Quality Control Algorithm  
 F- Radiative Transfer                G- Cal/Val activities                                H- Algorithm Development/Improvement  
 I- Other (please specify): \_\_\_\_\_

-What satellite/sensors to be used: \_\_\_\_\_  
 -Please list the tools (WRF, GFS, etc) that you plan to use, modify, install and check the appropriate check box: \_\_\_\_\_

-In S4, no restricted-access or proprietary code or data can be installed, downloaded, or used. Please check below to signal your agreement not to violate this rule.       I agree       No, I don't agree

-Applicants are expected to send a one-page summary (with illustration), highlighting progress, in 6-months intervals (reports are expected June 15<sup>th</sup> and Dec. 15<sup>th</sup>).       I agree to send       No, I don't agree

-S4 helps transition science/research to operations. Codes installed/maintained on S4 are synched with NOAA operations. Account users are encouraged to work exclusively on these codes to maintain relevance to operations. Usage of other versions is discouraged.       I agree not to use other versions       No, I don't agree

-Applicants are expected, when their work on S4 is to be published, to give proper credit to the S4 infrastructure. The following reference should be used. *S4: An O2R/R20 Infrastructure for Optimizing Satellite Data Utilization in NOAA Numerical Modeling Systems; A Step Toward Bridging the Gap Between Research & Operations. Boukabara et Al. DOI: 10.1175/BAMS-D-14-00188.1, Bulletin of American Metrological Society (BAMS), Dec 2016, 2360-2378*

I agree to use reference       I don't agree

**Applicant Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**NOAA Fed. Employee POC/PI/Sponsor:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
 (Name, Institution & signature)

**NOAA Approval Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
 (Sid Boukabara, NOAA POC)