

12/13/2023

Dear Prof. Kristina Lynch,

On behalf of NASA's Science Mission Directorate (SMD), thank you for your recent request (SMD-23-53858982) for High-End Computing (HEC) resources to support your NASA Heliophysics Division project, 'VanIrselFINESST.'

Science Mission Directorate (SMD) is pleased to award your computational project the following HEC resource allocations for the period 2023-08-31 through 2025-08-30.

The units for allocated resources vary by location:

- On-premises computing resources are allocated in Standard Billing Units (SBUs),
- On-premises GPUs are allocated in GPU hours,
- Commercial cloud resources are allocated in US dollars (US\$).

HEC RESOURCE ALLOCATIONS FOR THE PERIOD 2023-08-31 - 2025-08-30			
Fiscal Year	Location	Allocated Resources	
		Previous	New
2024 (10/01/2023 - 09/30/2024)	HECC CPU	0	5,000

The Group Identifier (GID) for your project is: s3017

Total requests for High-End Computing Capability (HECC) and NASA Center for Climate Simulation (NCCS) far exceed the available capacity for this period. As such, your allocations may be less than requested based on available resources and your previous usage history. Should you anticipate a change to your current or future year computing requirements, please submit a modification request in the HEC Request Management System (RMS) at <https://request.hecc.nasa.gov>.

Note: The parent organization for HECC is the NASA Advanced Supercomputing Division (NAS) at Ames Research Center.

As the PI, you "own" your computational project. You are responsible for the use of the allocated computer time, and you may authorize others to use time under your project. All your users will use your project GID (s3017) to apply for accounts and work via batch on the HEC systems.

- If you are a new PI at HECC or NCCS, see information in the box on the last page of this letter about procedures for requesting your account at HECC or NCCS. Note that you must get YOUR account before you can authorize other users on your computational project.
- If you are a continuing PI who needs to add new users to your project who do not have HECC or NCCS computer accounts, provide the project GID to your users and have them follow the account request procedures at HECC or NCCS. If your users already have accounts for another GID, email support@nas.nasa.gov or support@nccs.nasa.gov as appropriate, include their HECC or NCCS username, and request they be added to your GID.
- If you intend to include foreign nationals as members of your computational project team, you must be prepared to include a copy of your grant or contract along with the foreign nationals' NASA identity request.
- At the end of each FY, NAS PIs will be required to provide project results as input for the HECC Annual Report.
- See information in the box on the last page of this letter for more detailed procedures for requesting user accounts at NAS or NCCS.

Please see the HEC website <https://www.hecc.nasa.gov> for general information on NASA's HEC systems, contact information for user support, and links to the HECC and NCCS websites for details concerning which queues are most appropriate for your use on HECC and NCCS systems. Please be aware that allocations will not be "refunded" based on system outage, job failure, or inadvertent submission to an incorrect queue.

It is important to track your allocation usage to gain insight into how you are doing against your total allocation and identify allocation and data storage usage for each of your users. Information on tracking your use of HECC resources may be found at: https://www.nasa.gov/hecc/support/kb/Job-Accounting-Utilities_172.html; information on tracking your use of NCCS resources may be found by submitting a ticket via support@nccs.nasa.gov.

NASA High-End Computing monitors utilization and attempts to make adjustments as necessary to satisfy all user requirements. Specifically, if there are indications during the HEC award period that PIs are not able to take advantage of their full allocation, they may be alerted by Science Mission Directorate (SMD) and a portion of their SBUs redistributed.

Please acknowledge your use of NASA High-End Computing systems in publications that result from this HEC award and inform your collaborators to do the same. Example acknowledgement statements may be found on the HEC website at https://www.hecc.nasa.gov/request/science_reporting.html#pubs.

If you have questions regarding this HEC award, please feel free to contact the HEC User Services Group by email to support@hecc.nasa.gov.

The NASA High-End Computing wishes you the best of success with your research and looks forward to following your progress.

Sincerely,

Tsengdar Lee
NASA High-End Computing Portfolio Manager

HEC ACCOUNT REQUEST PROCEDURES FOR NEW PIs AT NAS AND NCCS

NASA Identity

All new HEC users - both at NAS and NCCS - must first be issued a NASA identity (an AUID) prior to obtaining access to use computing resources. Instructions to request AUIDs for users are provided below based on whether an account is needed at NAS or NCCS. All new users must also complete NASA-mandatory Basic IT Security Training. Information for this will be provided once users have an AUID.

At NAS

If you are a new PI at NAS, see information at <https://www.nas.nasa.gov/hecc/accounts/getaccounts.html> for requesting your account at NAS. From there, use the "NAS Online Account Request" link and choose option #2 ("I want to request an account for myself") to request your NAS account. This will also request, if applicable, your NASA identity. Note, you must obtain your NAS account before requesting access for other users on your project.

Once you have your NAS account, you may authorize other users on the project. You can add current NAS users to your GID by sending an email request with the users' NAS username/AUID to support@nas.nasa.gov or by accessing <https://www.nas.nasa.gov/hecc/portal/accounts/eaauth/pi/>.

If your users already have an AUID but not NAS accounts, skip directly to the section, "Requesting a NAS Account."

Otherwise, first request a NASA Identity for your new users.

Requesting a NASA Identity for a NAS User:

To request a NASA identity for a user, go to <https://www.nas.nasa.gov/hecc/portal/accounts>, select option #3 ("I want to request a NASA identity for one of my new users"), and provide the information requested.

Requesting a NAS Account:

For your users that need to request a NAS account, provide them your GID and have them go to <https://www.nas.nasa.gov/hecc/portal/accounts>.

From there, they should select option #2 ("I want to request an account for myself"), provide the information requested, and submit the form. Once they submit an account request under your GID, you will get a message providing a link to log in with your Launchpad username and password to approve or reject the request.

If you need assistance completing any of the NAS forms, please contact support@nas.nasa.gov.

At NCCS

If you are a new NCCS PI you must request your NCCS userid first, in order to authorize the new NCCS userid for your users. Users who do not already have an NCCS account must then request their NCCS userid in order to be authorized by you to use the computing time allocated to your computational project.

For users who already have an NCCS userid, an email message from you to the NCCS User Services Group via support@nccs.nasa.gov will authorize their use of the computing time allocated to your computational project.

Instructions for obtaining an NCCS userid are available on the NCCS website at URL: <https://www.nccs.nasa.gov/nccs-users/new-users>

Questions or problems concerning requesting your NCCS userid should be directed to the NCCS User Services Group by telephone at 301-286-9210 or by email to support@nccs.nasa.gov.