

Proposal Cover Page — NLCS 2007

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[Please remove all [bracketed] instructions below before submitting your proposal.]

1. Summary Information

Proposal Title:

Key Phrases: [e.g., unstructured grids, adaptive mesh refinement, multi-scale, turbulent flows, combustion, fluid-structure interaction data assimilation, cloud-resolving, non-hydrostatic]

Science or Engineering Discipline:

Date of Proposal:

2. Proposer Information

	Principal Investigator (PI)	Co-Investigator #1 (optional)
Name		
Organization		
Department		
Mailing Address		
City, State, Zip		
Phone Number		
Email Address		

	Co-Investigator #2 (optional)	Co-Investigator #3 (optional)
Name		
Organization		
Department		
Mailing Address		
City, State, Zip		
Phone Number		
Email Address		

[Remove the co-investigator table above if it is not needed. Replicate this table and increment the co-investigator numbers if necessary to identify all co-investigators.]

3. Abstract

[Provide a concise abstract (150 words or less) of the proposed project.]

4. Resource Request Summary

[Fill in the “Allocation Request” column of the following table.]

Resource Type	NLCS Allocation Request for 4/1/07 – 3/31/08
CPU-hours on NLCS system (2,048-CPU SGI Altix)	
GB of online storage in home directory	
GB of online storage in scratch directory	
GB of long-term (archival) storage	

5. Other HPC Allocations

[List any non-NLCS high-performance computing (HPC) resource allocations granted in support of this project, whether from NASA or another organization. Specifically, list the sponsoring organization, HPC system name and type, CPU-hour allocation, and allocation start and end dates.]

6. Certifications

As the project Principal Investigator, I certify the following:

- This project involves scientific or engineering research, the results of which are intended for publication in the open, peer-reviewed literature.
- I am not a NASA civil servant or NASA full-time contractor.
- This project does not receive funding from NASA.
- This project does not have an annual NASA computing allocation greater than 10% of the NLCS computing request.
- Successful completion of project objectives does not require a NASA computing account for any foreign national user, unless such users already have a NASA-accepted National Agency Check (NAC) valid for the period April 1, 2007 to March 31, 2008.
- Successful completion of project objectives does not require the support of NASA advanced services staff.
- This project does not use or generate any classified data, national security information, or data that falls under the Privacy Act of 1974 5U.S.C. 552a.
- This project **[does / does not]** use or generate proprietary information.
- This project **[does / does not]** use or generate sensitive or restricted information.
- The NLCS resource allocation for this project will be used exclusively for this project.
- NLCS system usage will comply with all U.S. Export Controls.
- Research progress for this project will be reported on a quarterly basis.
- I agree to make a reasonable effort to support NASA use of NLCS project results to publicize the impact of the NLCS initiative and NASA supercomputing resources.

[Please explain if this project uses or generates proprietary, sensitive, or restricted information.]