

| Project Application ^                          | Partitions   |                   | Deadline                 |
|--|--|-------------------|--------------------------|
| The Project                                    | Partitions   |                   | 11/1/2024 12:00:00 PM GN |
| Principal Investigator                         | Partition name*  |                   | <b>(b)</b> Documents     |
|  |  | ~                 |                          |
| Contact Person and Team Members<br>Information | Code(s) used*  |                   | Delete Application       |
| Partitions                                     |  |                   |                          |
| Code Details and Feasibility                   | This field is a multi-text field, for adding another code separate it with a comma  Average number of processes/threads* |                   |                          |
| Data Consent                                   |  |                   |                          |
|  | Average job memory (total usage over all nodes in GB)*   |                   |                          |
|  | Maximum amount of memory per process/thread (MB)*  |                   |                          |
|  |  |                   |                          |
|  | Total amount of data to transfer to/from (GB)*   |                   |                          |
|  |  |                   |                          |
|  | Justification of data transfer*  |                   |                          |
|  |  |                   |                          |
|  | Describe the I/O strategy regarding the parameters indicated below.  |                   |                          |
|  | Is I/O expected to be a bottleneck?*   |                   |                          |
|  |  |                   |                          |
|  | I/O libraries, MPI I/O, netcdf, HDF5 or other approaches*  |                   |                          |
|  |  |                   |                          |
|  |  |                   |                          |
|  | Frequency and size of data output and input*   |                   |                          |
|  |  |                   |                          |
|  | Number of files and size of each file in a typical production run*   |                   |                          |
|  |  |                   |                          |
|  | Total storage required (GB)  |                   |                          |
|  |  |                   |                          |
|  | + Partitions   |                   |                          |
|  | Back   | Save Changes Next |                          |

