

Steering Committee for Cyberinfrastructure Research and Development in the Atmospheric Sciences (CyRDAS)

Charge (draft 2 December 2002)

The Steering Committee (SC) for Cyberinfrastructure Research and Development in the Atmospheric Sciences (CyRDAS) is charged with

A. Assessing:

1. The opportunities for advances in atmospheric science research that are made possible by current or anticipated advances in information technology and computer science
2. The opportunities for advances in science that might result from of collaborative research between atmospheric scientists and computer scientists
3. Ways in which cyberinfrastructure can contribute to formal and informal education in atmospheric science
4. The cyberinfrastructure needs of the NSF-funded atmospheric science research community

B. Recommending:

1. strategies for NSF that will help the academic research community to exploit the opportunities identified in the assessments A.1, A.2 and A.3 above.

C. Developing:

1. an implementation plan for a distributed cyberinfrastructure that will meet the needs of the academic atmospheric science research community and which includes the flexibility to grow smoothly as that research advances and CI needs grow.