Summary:
The primary objective of Sulfates, Clouds, and Radiation - America (SCAR-A), conducted during Summer 1993, is to help scientists characterize the relationship between sulfate particles and clouds, thereby gaining a better understanding of how sulfates affect clouds' reflective properties.

The Smoke, Clouds, and Radiation - Brazil (SCAR-B) experiment, completed in September 1995, studies the effects of biomass burning on atmospheric processes and aids in the preparation of new techniques for remote sensing of these processes from space.

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1. Project/Campaign Overview:

Name of Project/Campaign:
Sulfates/Smoke, Clouds and Radiation (SCAR)

Project/Campaign Introduction:
See Summary.

Project/Campaign Mission Objectives:
The objectives for the SCAR mission are: to advance our knowledge of how the physical, chemical and radiative processes in our atmosphere are affected by sulfate aerosol and smoke from biomass burning; to improve our expertise at remotely sensing smoke, water vapor, clouds, vegetation and fires; and to assess the effects of deforestation and biomass burning on tropical landscapes.

Discipline(s):
Earth Science
Atmosphere

Geographic Region(s):
SCAR-A Eastern U.S.
SCAR-B Brazil

Detailed Project/Campaign Description:

2. Data Availability:

Data Type(s):
All data currently archived at the Langley DAAC are in hierarchical data format (HDF).

**Input/Output Media:**

Data are available via FTP from the Langley DAAC.

**Proprietary Status:**

There is no proprietary status for the data sets currently on-line at the Langley DAAC.

**3. Data Access:**

**Data Center Location:**

Langley DAAC User and Data Services Office
NASA Langley Research Center
Mail Stop 157D
Hampton, Virginia 23681-2199
USA
Telephone: (757) 864-8656
FAX: (757) 864-8807
E-mail: support-asdc@earthdata.nasa.gov

**Contact Information:**

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FAX: (757) 864-8807
E-mail: support-asdc@earthdata.nasa.gov

**Associated Costs:**

Currently, there is no charge for data.

**4. Principal Investigator Information:**

**Investigator(s) Name and Address:**

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**5. Submitting Investigator Information:**

**Investigator(s) Name and Address:**

Michael D. King, Ph. D.
6. References:


7. Glossary and Acronyms:

[EOSDIS Acronyms](PDF).

8. Document Information:

- **Document Revision Date:** Dec 11, 1997
- **Document Review Date:** Dec 10, 1997
- **Document ID:**
- **Document Curator:** Langley DAAC User and Data Services Office
  
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