

# ATMO/CHEE 469b/569b

Spring 06

## Term Paper (Due: Wednesday, May 3, 2006)

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### ***Consequences of Global Change for Air Quality***

Imagine that you are writing a research proposal in response to the EPA funding opportunity described at the following web site:

[http://es.epa.gov/ncer/rfa/2006/2006\\_star\\_gcaq.html](http://es.epa.gov/ncer/rfa/2006/2006_star_gcaq.html)

Read the instructions, and the literature cited (together with any other literature you think would be appropriate) and write a proposal of between 5-10 pages. The page count does not include the bibliography.

Since ATMO/CHEE 569b is course about aerosols you must focus on the potential effects of global change on atmospheric aerosols, particularly desert aerosols.

When writing the term paper ignore the “boilerplate” materials such as EPA cover pages and forms. Write an “essay” that is responsive to Section (IV), Application and Submission Information, Research Plan:

*The description must provide the following information:*

*1. Objectives: List the objectives of the proposed research and the hypotheses being tested during the project, and briefly state why the intended research is important. This section should also include any background or introductory information that would help explain the objectives of the study. Describe the policy, planning, and/or decision-making that you plan to inform (one to two pages recommended).*

*2. Approach/Activities: Outline the research design, methods, and techniques that you intend to use in meeting the objectives stated above (two to five pages recommended).*

*3. Expected Results, Benefits, Outputs, and Outcomes: Describe the results you expect to achieve during the project (outputs) and the benefits of the results (outcomes). This section should also discuss how the research results will lead to solutions to environmental problems and improve the public’s ability to protect the environment and human health. A clear, concise description will help NCER understand the merits of the research (two to three pages recommended).*

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