

Class Research Project: Guideline

Goal is to perform an analysis and interpretation of remote sensing data in a well-defined problem.

Abstract due is Sep. 25

Your written paper due is Dec. 4

General guidelines for preparing your class project:

1) Define a topic of your project by selecting a specific atmospheric or oceanic parameter and remote sensing technique(s) used to retrieve this parameter.

For instance, characterization of ozone from OMI observations.

2) Identify and study at least 3-5 papers dealing with the selected topic.

3) Perform an original analysis of the remote sensing data in a well-defined problem.

For instance, interannual variability of O_3 over the Northern America.

4) Your paper (about 15- 20 pages) should show

the importance of the atmospheric or oceanic parameter selected;

brief description of a remote sensor;

explanation of a retrieval algorithm;

results of your analysis;

brief summary (e.g., advantages and disadvantages of the retrieval technique, etc.)