

ATM 652 Independent Project

In lieu of a final, you will undertake in an independent project that is meant to provide additional “hands on” experience with the concepts taught in this course. The only major requirement for this project is that it should involve at least one aspect of the course (i.e., data assimilation, ensemble prediction, sensitivity analysis, parameter estimation, etc.). Ideally, the project would be an offshoot of your thesis research (distinct from your thesis), though you are free to choose any topic of interest to you.

Prior to undertaking your project, I would like to have a short meeting with you to discuss the scope of the project and methods that you will use. You are not required to have detailed plans for this meeting; the purpose of this meeting is to make sure your project is feasible and involves some aspect of the course. This meeting must occur prior to 5 November.

At the conclusion of the project, you will be responsible for writing up a description of the project, the results, and conclusions based on the concepts learned in the course. This write up should be roughly 5 pages, but there are no hard page minimum or maximum. In addition, each student will give a \approx 12 minute talk describing the project during the week of finals (Date and Time TBD, but it will take place between 2-4 December). The project write up is also be due on that time.

Please see me with any questions about the project requirements. Once you start the project, I am happy to meet with you to discuss the results and conclusions.