

## **EAPS 53600 Semester Project Final Paper guidelines**

- Formatting: 4 pages maximum (includes everything except citation list), single-spaced, two-column format, 1" margins all around, ½" spacing between columns, size **10** font
- Contents of paper (see screenshot below)
  - At the top:
    - Title
    - Author(s)
    - Abstract: a concise 3-5 sentence summary of your work
  - Paper sections
    - 1) Introduction and Motivation
    - 2) Hypothesis
    - 3) Methods and Data
    - 4) Results
    - 5) Conclusions
- Recommended software for writing your paper: LaTeX. Also recommended: Overleaf, which is an online collaborative LaTeX editor ([sign up for a free Purdue account](#)) [Here is a LaTeX template in Overleaf](#) , *which already has the correct formatting for you!* -- see screenshot below
  - **Never used LaTeX before?** It is a widely used "language" for writing professional scientific research papers. LaTeX provides a very strict and standardized control of the formatting of text, figures, and equations in a document. It may seem very odd at first, but it ensures that everyone follows the same text formatting standards.
  - Never used Overleaf before? A quick intro -- <https://www.youtube.com/watch?v=g8Ejj0T0yG4>
  - *Note: you are allowed to use any other software of your choosing, but you must make the formatting look like it does in the screenshot below and following the formatting guidelines stated above.*

**Title here**

AUTHOR ONE [AND AUTHOR TWO]

ABSTRACT

Enter the text of your abstract here. This is a sample American Meteorological Society (AMS) L<sup>A</sup>T<sub>E</sub>X template. This document provides authors with instructions on the use of the AMS L<sup>A</sup>T<sub>E</sub>X template. Authors should refer to the file `amspaper.tex` to review the actual L<sup>A</sup>T<sub>E</sub>X code used to create this document. The `template.tex` file should be modified by authors for their own manuscript.

### **1. Introduction**

This document will provide authors with the basic American Meteorological Society (AMS) formatting guidelines. This document was created using L<sup>A</sup>T<sub>E</sub>X and demonstrates how to use the L<sup>A</sup>T<sub>E</sub>X template when submitting a manuscript to the AMS. The following sections will outline the guidelines and formatting for text, math, figures, and tables while using L<sup>A</sup>T<sub>E</sub>X for a submission to the AMS. An attempt to compile `amspaper.tex` should be made before using the template. The files have been tested on Windows, Linux, and Mac OS using TeX Live 2011 (available online

a section or or `\subsection{}` for multiple subsections within one section.

#### **TERTIARY HEADINGS**

Tertiary headings are formatted using the `\subsubsection*{}` for single a subsubsection within a subsection or `\subsubsection{}` for multiple subsubsections within a subsection.

*Quaternary headings* Quaternary headings are formatted using the `\paragraph*{}` for a single paragraph within