– Notes to Authors for your Draft Copy -

Your Draft submission due on Dec 1st to include;

1. Cover Page (your name and course info, title and citation info of lead paper, your one paragraph abstract).

2. Summary consisting of ~1000 words (2-3 pages of writing) that succinctly describes the research embodied in your lead article. This should describe the context and motivation for the published study in relation to the core concepts presented in CHEM 302.

Include some description of why and how they did the research as well as a description of the results. You may include (in whole or in part) figures, schemes and/or tables from the paper as an appendix to your summary . If you include any of these, make sure to write about them.

Your summary **must be in your own words** and written to an audience of your peers (fellow CHEM 302 students). Part of this exercise is to convince me that you understand the key concepts and dimensions of atmospheric environmental chemistry and their relevance to current research in this area.

Format your summary as follows:

> **Introduction and Background** – Describe the broader context for the work, the research question/s being addressed and the relationship to CHEM 302.
>
> **Experimental Methods** – Briefly describe what the researchers did and how they did it.
>
> **Results and Discussion** – Describe what the researchers found, what conclusions can be drawn, how do these results relate to the course.

3. Copy of the lead article. Submit a copy with your written assignment.

Tips for writing a good paper.

Make notes from the lead article. Draft your paper from your notes rather than from the lead article itself to avoid inadvertently plagiarizing.

Write succinctly. Be precise and to the point with the language. Pay attention to the economy of words and avoid unnecessary redundancy.

Write in the third person passive tense. Avoid using a personal voice, such as 'I' or 'you'. Stick to the content and what it means.

Back up your statements with evidence, data or reported observations. Evidence may come from experiments, models, textbooks, papers or any sound scientific principles.

Reference any information that is specific to a source or not common knowledge among your peer group using primary, secondary or tertiary literature.

Avoid the use of vague words or relative terms that could have different meaning in different contexts.

Describe Figures, Tables or Schemes to draw attention to the key features, trends or the message you are trying to communicate.

Overall presentation quality and readability. Watch out for the following.

- Meandering run-on sentences
- Confusing language/Undefined terms
- Redundant/Missing info
- Too much/Not enough detail
- Statement not backed up by evidence, data, reference
- Awkward sentence/paragraph
- Missing references
- Wrong word choice
- Punctuation & Spelling

Overall demonstrated understanding of the peer reviewed paper.

Clear description of the context and motivation of the study.

Relationship to core concepts in CHEM 302.

Proper reference citation formatting.