

Science Plan Assignment

Review the Fall 2023 Science Plan (proposal/objectives/science questions) document ([docx, pdf](#)). Provide a document (docx file would be great) with suggestions and changes necessary to create a 2024 Spring Saudi Science Plan. Assume that the summer 2023 and fall 2023 operational periods have been conducted. Turn in assignment via emailing the document to instructor by next Thursday, February 15, end of the day.

Item List for Grading (100 points is 100 %, 90 points is 90%, etc.):

- 1.) Google Scholar, or other search program (Web of Science, etc.), search to find additional references to add to the Introduction section.
 - a. Credit for each good reference (10 points total, plus additional points).
- 2.) For reviewer that is not an expert in weather modification or cloud physics, what background information would be the most important to add?
 - a. What is something you know that is not in the science plan that is important for the reader to understand, justify answer. Why is it import to have this information? (10 points)
- 3.) What is a missing piece to the Science Plan that could/should added.
 - a. Credit for adding another item (10 points for each good suggestion (physical possible)).
- 4.) What is a piece that does not fit and may be deleted or need revision?
 - a. Credit for adding another item (10 points for each good suggestion), or justification of not having any.
- 5.) What previous data or plots should be added to the Science Plan. Lots of time, sponsors would like you have done some part of the project already so the risk is low. Does the team have the required experience and ability to conduct the work?
 - a. Credit for each item (10 points).
- 6.) Ordered list items of concern (risk) about conducting the science objective and how to address it. For example, moving to the south-west region if conditions are not suitable for conducting research.
 - a. Credit for a good list (10 points).
- 7.) Check on details/grammar, sentence structure within the proposal.
 - a. 10 points for track changes edits provide.
- 8.) Comment on if the instruments/observations are sufficient, are there instruments/observations not needed. This result to a go/no-go list of instruments in the operations plan. For example, in this science plan, commend on if radar observations are necessary.
 - a. 10 points for list.