

GEOS 499 - **Poster Presentation Rubric** - Scientific Content and Research Structure

RESEARCH QUESTION is **clearly articulated and geologically meaningful**

A	B	C	D
Question, basis in geologic concept(s) is clearly articulated	Needs minor clarification	Too vague or broad; minimal basis in geologic concept(s)	Unclear and/or no geologic context.

INTRODUCTION includes **sufficient motivation for the research** and **clearly explains relevant, published studies**

A	B	C	D
Connects research to broader geologic question or social issue	Slightly unclear connection to geologic or social concern	Incomplete, limited, or weak motivation	No motivation is provided
Relevant, cited studies are clearly explained	Explanation of relevant, cited studies is slightly unclear	Unclear explanation and/or irrelevant citations provided	Uncited and/or inaccurate

METHODS (Data Collection or Datasets Selected for Synthesis) are **suited to and appropriate for the research question**, are **clearly explained**, and are **thoroughly executed** such that data at least partially address research question

A	B	C	D
Well suited	Connected to	Not well suited	Inappropriate for
Clear, complete, concise explanation	Minor clarification needed about some aspects	Many aspects unclear	Incomplete and/or incorrect
Thoroughly and effectively executed	Sufficiently executed; more research possible in time available	Incompletely or poorly executed	Produce irrelevant or no data

RESULTS are **clearly, thoroughly, and accurately described**; and are **distinct from interpretations**

A	B	C	D
Clearly and thoroughly described	Results are described, but a more detailed description is needed	Results are partially or vaguely described	Inaccurate descriptions
Results are distinct from interpretations	Results are distinct from interpretations	Results not clearly distinguished from interpretations in some places	Results presented as interpretations

INTERPRETATIONS are **clearly, and thoroughly explained in the context of the research question and published studies**

A	B	C	D
Explanations are clear and thorough; refer to specific results	Explanations are clear, but need clarification, detail, or elaboration	Explanations are vague and/or oversimplified	Incomplete or unfounded
Explained in the context of research question, published studies	Connections to research question, published studies unclear in places	Connections to question are vague; minimal context/citations	No connection to citations or question

CITATIONS are **consistently incorporated throughout the poster**, and citations and REFERENCE LIST is in AGU format

A	B	C	D
Thoroughly cited	Sufficient, would benefit from more	Weak citing in some sections	Insufficient citations
Consistent, correct format	Minor formatting errors	Significant errors in format	Incorrect format